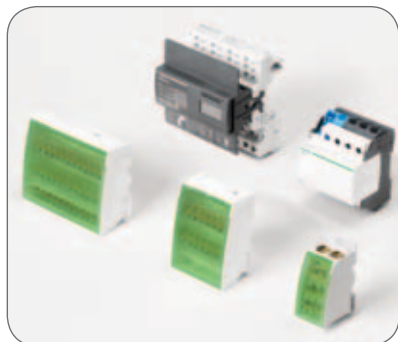


Lineryg

Distribution & Connection systems



Presentation	4
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Linery distribution systems

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Linery connection systems

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All Schneider Electric
distribution and connection
systems have now been
brought together into
a single brand name:

Linergy

Now, think Linergy!

Because Linergy is...



Flexible

- > **Liner**gy is a complete range of more than 800 references, suitable for all type of applications (electrical distribution, process and control, datacenters, etc.).
- > **Liner**gy can be easily adapted to technical demand, customer habits and preferences.
- > Thanks to their compactness, **Liner**gy products can be easily installed into a minimum of space.
- > **Liner**gy is easy to implement in the shortest possible time.
- > With **Liner**gy you can make changes to your panel on the installation site, right up to the last minute.



Safer

- > **Liner**gy IPxxB everywhere.
- > **Liner**gy is a "Hot plug" solution, enabling connections without turning off the switchboard (energised connection).
- > **Liner**gy simplifies wiring, thus directly contributing to enhancing panel reliability.



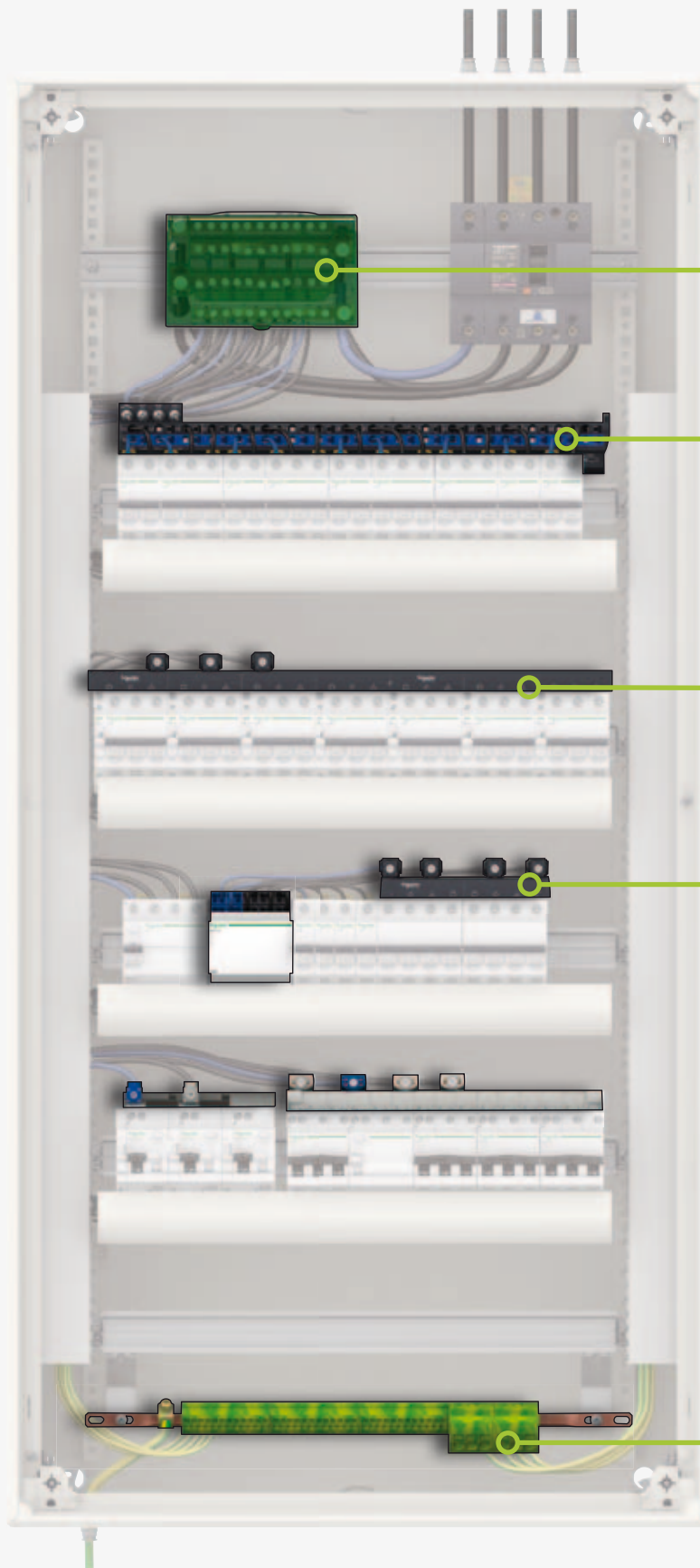
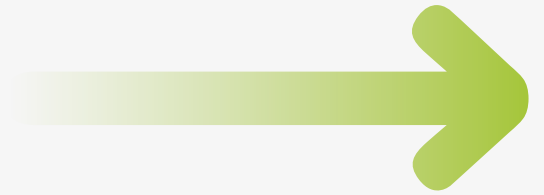
Reliable

- > **Liner**gy is fully compliant with IEC standards, and some systems are also multi-standard.
- > All **Liner**gy distribution and connection systems have been designed and tested to work together (synergies with Schneider Electric devices).
- > **Liner**gy, brings you the benefit of an energy-efficient switchboard.

And much more...



Linery

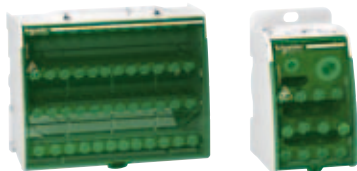


Inside Prisma and Spacial SFP, you benefit from IEC 61439 tested solutions

With Linergy, you will be able to **connect your rows** regardless of the enclosure you have chosen.

Linergy DS

Distribution Blocks



- > Compact solution
- > Cabling capacity of up to 60 connection points
- > Screw connection models

Linergy FM

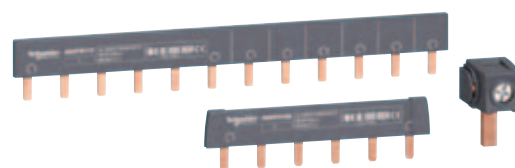
Device Feeders



- > Quick distribution of up to 54 outgoing
- > Maximum flexibility to balance your phases
- > No creepage campaign thanks to clamp technology

Linergy FH

Device Feeders



- > Complete family of products to cover all needs
- > Easy to install
- > Compactness up to 100 A

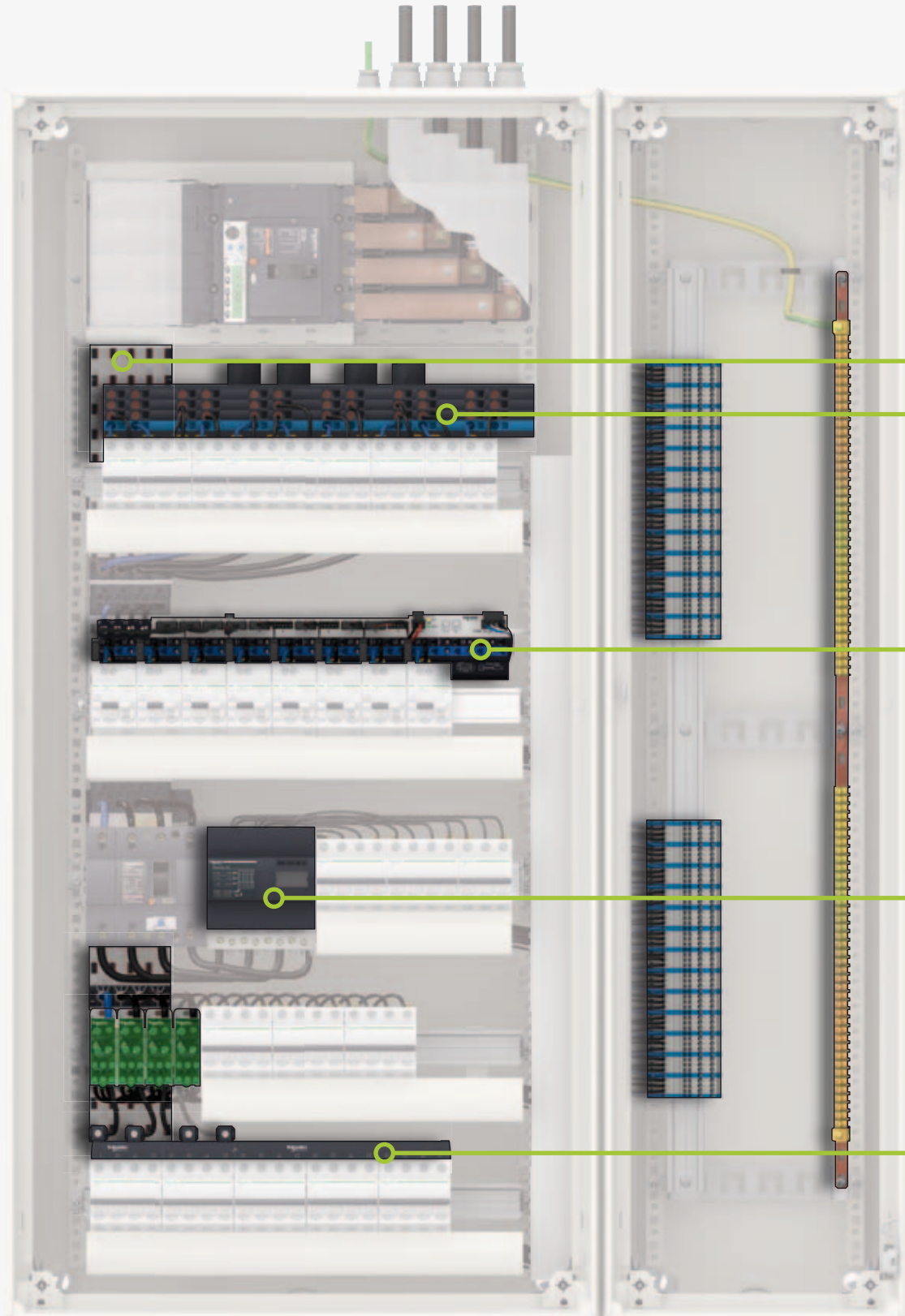
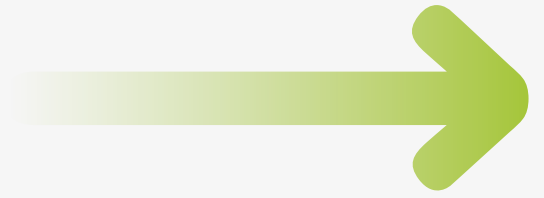
Linergy TB

Terminal Blocks and Bars



- > Minimum space required
- > Quick connection models

Linergy



Linergy offers you **smart power network** solutions for your switchboard.

Linergy BW

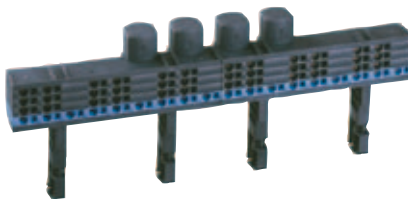
Power Busbars



- > Solutions available up to 630 A
- > Solutions can be adapted to all switchboard architectures

Linergy FM

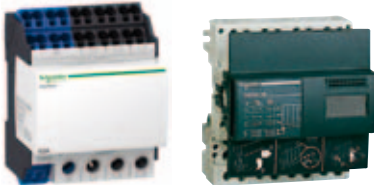
Device Feeders



- > Maximum flexibility to balance your phases
- > SmartLink support for communication

Linergy DX

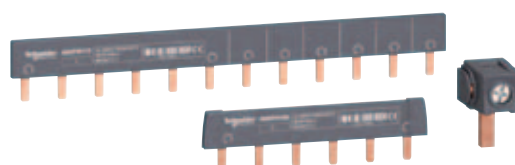
Distribution Blocks



- > Quick connection models
- > Easy to wire
- > Compact solution
- > Cabling capacity of up to 52 connection points

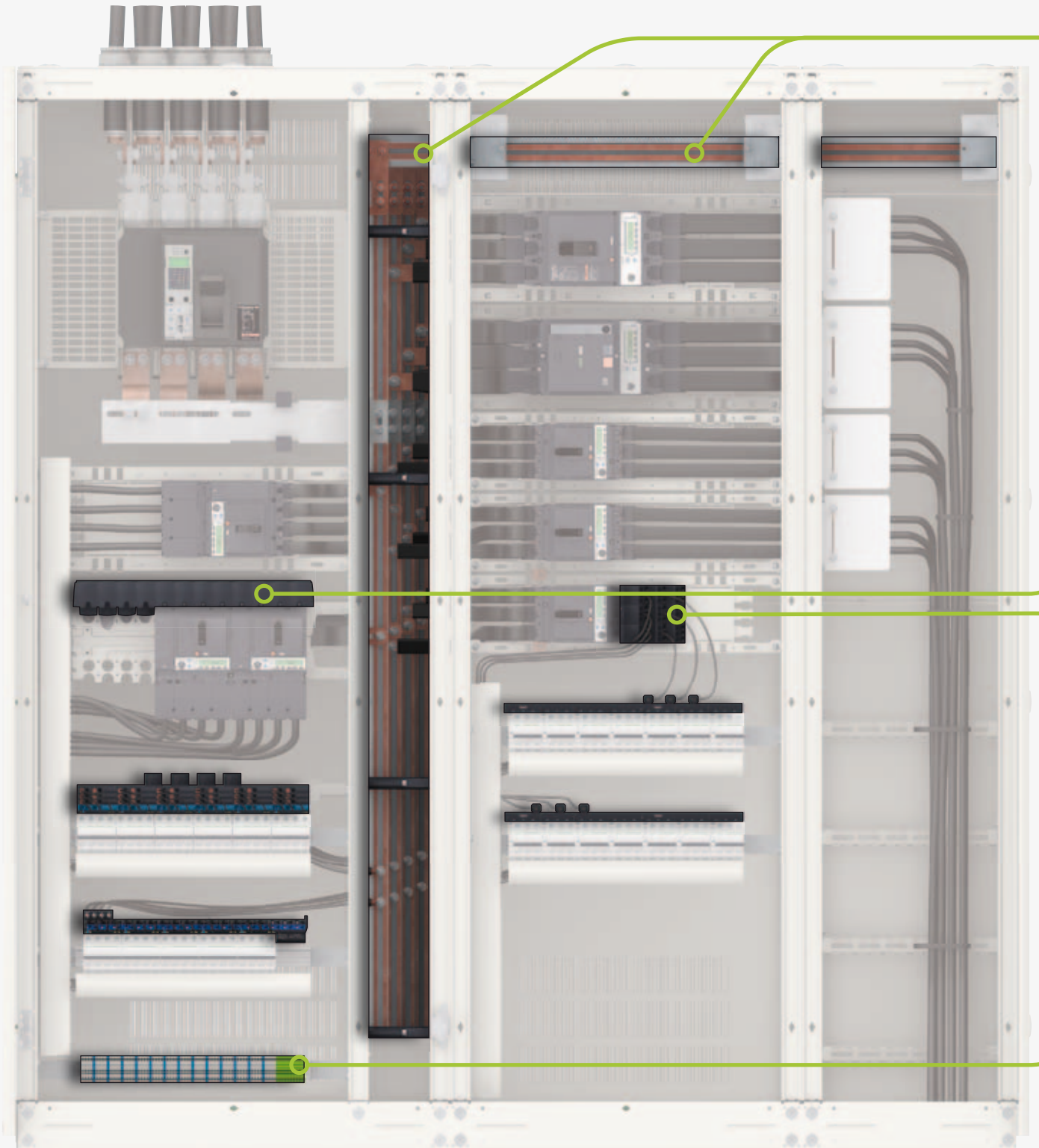
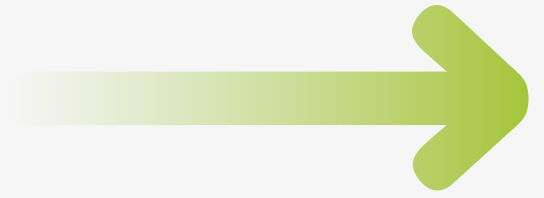
Linergy FH

Device Feeders



- > All lengths available (up to 1 m)
- > Comb busbars compatible with auxiliaries

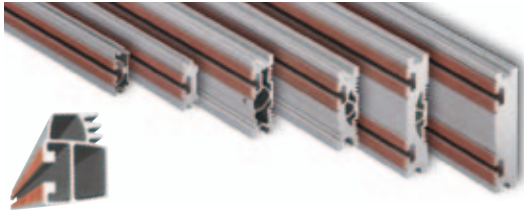
Lineryg



Lineryg also offers the most **advanced busbar solutions** while remaining **simple**.

→ Linergy LGY/ LGYE

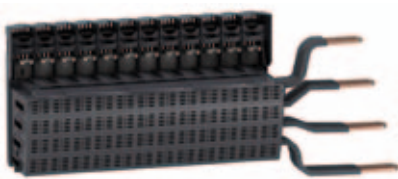
Power Busbars



- > Solutions available up to 4000 A
- > Connection everywhere without drilling (with LGY and LGYE profile)

→ Linergy FC

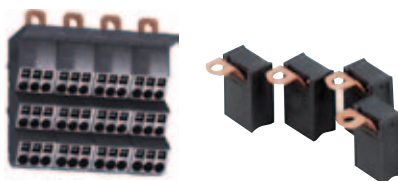
Device Feeders



- > Compact (3 x 4P / 4 x 3P) solution
- > Reliable connection
- > Quick connection system dedicated to Compact NSX up to 250 A

→ Linergy DP

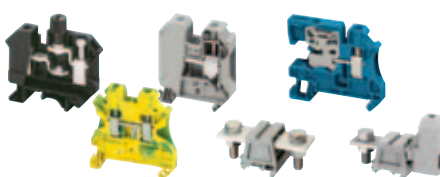
Distribution Blocks



- > Compactness of up to 250 A
- > Simplicity of use
- > Quick connection system dedicated to Compact NSX

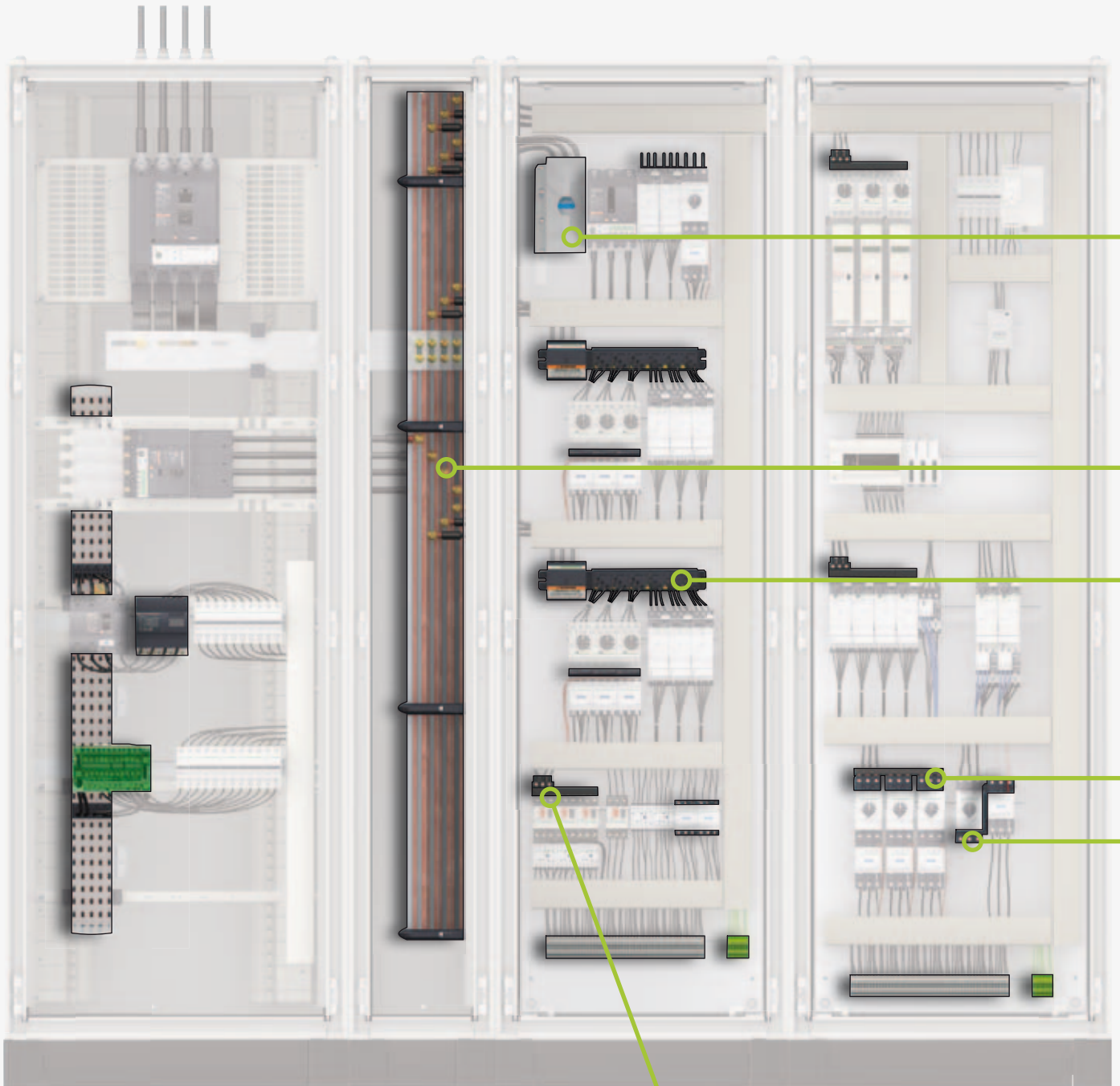
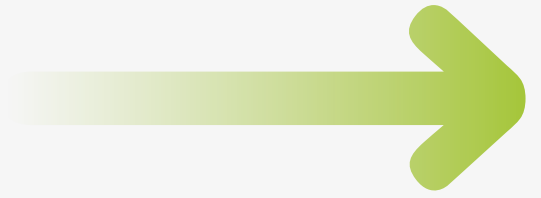
→ Linergy TR

Terminal Blocks and Bars



- > Simplicity of use
- > Consistency and cross-functionality guaranteed
- > Few references for a maximum of applications

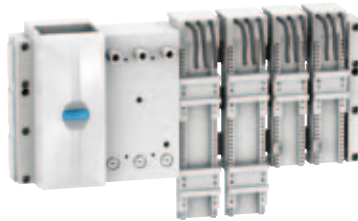
Lineryg



Thanks to Linergy, you can now have the **scalable and flexible panel** that you deserve.

Linergy BZ

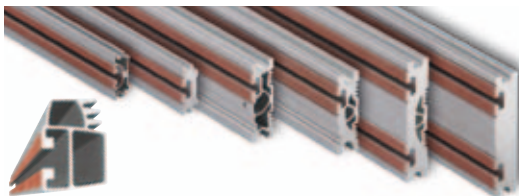
Power Busbars



- > Quick connection plates for Compact and TeSys offers
- > Multi-standard offering up to 630 A

Linergy LGY / LGYE

Power Busbars



- > Solutions available up to 4000 A
- > Panel devices powered everywhere inside the panel

Linergy HK

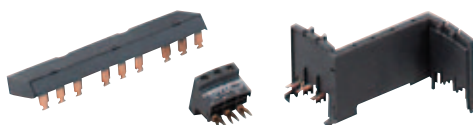
"Hot Plug" Distribution



- > Panel easily upgradeable
- > Reliable "hot plug" modification or upgrade
- > Multi-standard system of up to 160 A

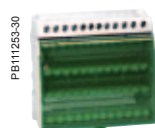
Linergy FT

Device Feeders



- > Optimised productivity and efficiency of your control panel
- > Easy to install
- > High reliability





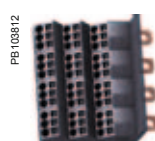
Linergy DS 16

Screw distribution blocks 16



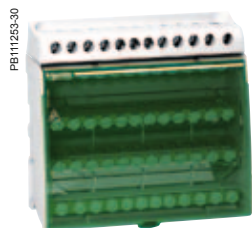
Linergy DX 18

Quick distribution blocks 18



Linergy DP 20

Quick distribution blocks 20



IEC/EN 60947-7-1, IEC/EN 61439-1 & 2

Description

- Single-pole or four-pole distribution block that can be installed on a standard DIN rail or on a mounting plate.
- Compatible with Prisma G and P, Pragma, Mini Pragma and Resbo series switchboards.
- Incomers and feeders are connected to screw terminals that accept rigid or flexible cables with ferrule.
- Optional: additional neutral terminal strip for four-pole distribution block.

Advantages

- Simplified power supply for main incomers.
- Easy phase balancing.
- Easy, effortless cabling due to excellent accessibility.
- Visible cabling.
- Insulation between phases.
- The single-pole distribution blocks are adjacent and bridgeable via the second incoming hole for parallel connection.

Screw distribution blocks

Number of poles	1P			4P
				
Rated operational current	125 A	160 A	250 A	100 A
Total connections capacity	10	13	14	4 x 7
Terminal capacity				
Diameter	2 x Ø 9.5 mm	2 x Ø 12 mm	1 x Ø 15.3 mm	2 x Ø 7.5 mm
	2 x Ø 7.5 mm	3 x Ø 7.5 mm	1 x Ø 10 mm	5 x Ø 5.5 mm
	6 x Ø 5.8 mm	8 x Ø 5.8 mm	4 x Ø 6 mm	-
	-	-	8 x Ø 7.5 mm	-
Rated peak withstand current (I _{pk})	25 kA	36 kA	60 kA	24 kA
Rated short-time withstand current (I _{cw}) (IEC/EN 60947-7-1)	4.2 kArms/1 s	8.4 kArms/1 s	14.4 kArms/1 s	3 kArms/1 s
Width (number of 9 mm pitches)	3	4	5	8
Dimension (H x W x D)	85 x 27 x 50.5	85 x 36 x 50.5	85 x 45 x 50.5	100 x 71 x 50.5
Weight (g)	125	163	239	210
Neutral terminal strip (optional)	-	-	-	LGYN1007
Reference	LGY112510	LGY116013	LGY125014	LGY410028

DB405005



On LGY412560 and LGY416048 references
Input cabling facilitated by side terminals

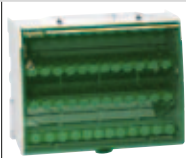
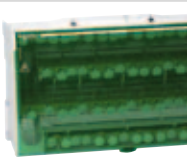
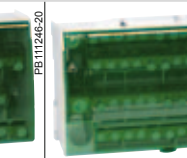
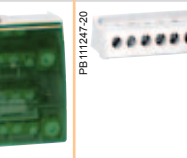
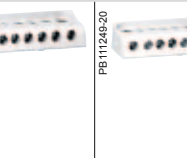
Technical data

Common characteristics

Rated insulation voltage (Ui)	500 V AC
Rated operational voltage (Ue)	230 V AC (Ph/N) 440 V AC (Ph/Ph)
Rated impulse withstand voltage (Uimp)	8 kV
Rated conditional short-circuit current of an assembly	Up to the breaking capacity of Schneider Electric feeder circuit breakers, even in cascading configuration
Network frequency	50/60 Hz
Pollution degree	3
Overvoltage category	III

Additional technical characteristics

Reference temperature	40°C
Operating temperature	-25°C to 55°C
Dielectric withstand (IEC/EN 60947-1)	2500 V AC

				Neutral terminal strip		
						
125 A	125 A	160 A	100 A	125 A	125 A	15
4 x 12	4 x 15	4 x 12	7	12	15	
1 x Ø 9 mm	1 x Ø 9.5 mm	1 x Ø 12 mm	2 x Ø 7.5 mm	1 x Ø 9 mm	1 x Ø 9.5 mm	
7 x Ø 7.5 mm	3 x Ø 8.5 mm	3 x Ø 9 mm	5 x Ø 5.5 mm	7 x Ø 7.5 mm	3 x Ø 8.5 mm	
4 x Ø 6.5 mm	11 x Ø 6.5 mm	8 x Ø 7.5 mm	-	4 x Ø 6.5 mm	11 x Ø 6.5 mm	
-	-	-	-	-	-	
26 kA	28 kA	36 kA	-	-	-	
4.2 kArms/1 s	4.2 kArms/1 s	8.4 kArms/1 s	-	-	-	
14	20	18	7	14	17	
100 x 126 x 50.5	100 x 162 x 50.5	100 x 174 x 50.5	20 x 70 x 35	20 x 125 x 35	20 x 155 x 35	
390	559	567	63	111	149	
LGYN12512	LGYN12515	LGYN12512	-	-	-	
LGY412548	LGY412560	LGY416048	LGYN1007	LGYN12512	LGYN12515	

Terminal technical data

Type		PZ2 screw							
Diameter		Ø 5.5 mm	Ø 5.8 mm	Ø 6 mm	Ø 6.5 mm	Ø 7.5 mm	Ø 8.5 mm	Ø 9 mm	Ø 9.5 mm
Section	Rigid cable	1.5 to 16 mm²	1.5 to 16 mm²	1.5 to 16 mm²	1.5 to 16 mm²	2.5 to 25 mm²	6 to 35 mm²	10 to 35 mm²	10 to 35 mm²
	Flexible cable or with ferrule	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 16 mm²	4 to 25 mm²	4 to 25 mm²	6 to 35 mm²
Tightening torque		2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2.5 N.m	2.5 N.m
Type		Hc screw							
Diameter		Ø 9.5 mm	Ø 10 mm	Ø 12 mm	Ø 15.3 mm	-	-	-	-
Section	Rigid cable	10 to 35 mm²	1.5 to 50 mm²	25 to 70 mm²	35 to 120 mm²	-	-	-	-
	Flexible cable or with ferrule	6 to 35 mm²	1.5 to 35 mm²	16 to 50 mm²	25 to 95 mm²	-	-	-	-
Tightening torque		8 N.m	4 N.m	1 P: 9 N.m	4P: 5 N.m	14 N.m	-	-	-

PB104499-7



PB500024



IEC 60947-7-1, IEC 61439-2

Description

- Downstream circuits are connected from the front, to spring terminals.
- Contact pressure automatically adapts to the size of the conductor.
- Contacts are insensitive to vibrations and thermal variations.
- Only one cable (flexible or rigid) can be inserted per terminal.

Quick distribution blocks

Number of poles		4P, incomers from top	4P, incomers from bottom
			
		PB104499-6	PB104499-6
Rated operational current at 40°	(Ie)	63 A	63 A
Rated conditional short-circuit current of an assembly	(Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage	(Ui)	500 V AC	500 V AC
Rated operational voltage	(Ue)	440 V AC	440 V AC
Rated impulse withstand voltage	(Uimp)	6 kV	6 kV
Rated short-time current Icw	(Icw)		
Rated operational frequency		50/60 Hz	50/60 Hz
Degree of protection		IPxxB	IPxxB
Incoming terminals		1 tunnel terminal 25 ² /ph	1 tunnel terminal 25 ² /ph
Total connection capacity, outgoing terminals		24 connections: 4 x 6 ² /phase 12 x 6 ² /neutral	24 connections: 4 x 6 ² /phase 12 x 6 ² /neutral
Dimensions (H x W x D)		96.5 x 72 x 62 8 x 9 mm pitch	96.5 x 72 x 62 8 x 9 mm pitch
Installation		Clipped onto a DIN rail	Clipped onto a DIN rail
Other			
Standard for installation inside Prisma		IEC 61439-2	IEC 61439-2
Glow-wire 60695-2-11		960°C	960°C
Degree of pollution		3	3
References		04040	04041

Accessories

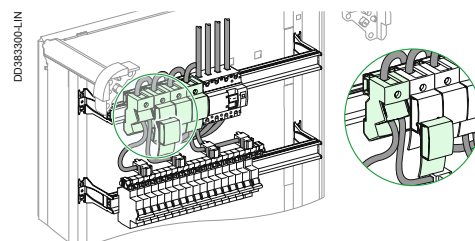
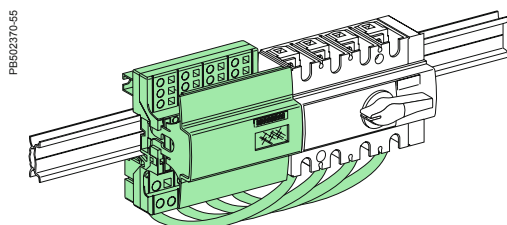
References	-	-
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Advantages

- A reliable electrical connection, no maintenance required (tightness guaranteed over time).
- Quick connection.
- Easy phase balancing.
- Ease of rewiring if the switchboard is expanded or modified.

4P	1P
	
125 A	160 A
20 kA/60 ms max according to IEC 61439-1	32 kA
750 V	750 V
690 VAC	690 VAC
8 kV	8 kV
4.5 kA rms/1s	
50/60 Hz	50/60 Hz
IPxxB	IPxxB
1 tunnel terminal 35 ² /ph	1 tunnel terminal 70/ph
52 connections: 7 x 4 ² /phase 3 x 6 ² /phase 2 x 10 ² /phase 1 x 16 ² /phase (screw terminal)	6 connections: 6 x 16 ² /phase
127 x 108 x 48 8 x 9 mm pitch	95 x 36 x 70 4 x 9 mm pitch
Screwed to plain or slotted backplate or onto DIN rail	Onto DIN rail
Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, I _{max} of 2nd terminal block: 80 A)	
IEC 61439-2	IEC 61439-2
960°C	960°C
3	3
04045	04031

(4 x 125 A flexible connectors)	Copper spacer (batch of 4)
04047	04037



PB103812-25



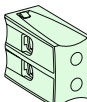
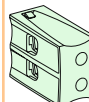
IEC 60947-7-1, IEC 61439-1 & 2

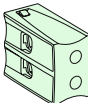
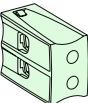
Description

■ The Linergy DP Quick distribution block is designed for installation directly downstream of Compact NSX and INS up to 250 A. It can also be clipped onto a modular rail.

Advantages

- It is quick to mount in the horizontal position. Electrical connections are made directly to the device terminals.
- It is the same width as the devices and does not take up any additional space in the switchboard.
- The connection terminals are slanted to facilitate cable entry and avoid exceeding the bending radius of the flexible and rigid cables.

Quick distribution blocks for compact devices			Additional block	
Number of poles	3P	4P	3P	4P
				
Rated operational current (Ie)	250 A	250 A	250 A	250 A
Rated peak withstand current (Ipk)	32 kA	32 kA		
Total connection capacity, outgoing terminals	27 connections: 6 x 10 ² /phase 3 x 16 ² /phase	36 connections: 6 x 10 ² /phase 3 x 16 ² /phase	2 connections: 2 x 35 ² per pole	2 connections: 2 x 35 ² per pole
Incomer terminals	1 cable lug 120 mm ² per pole			
Dimensions (H x W x D)	105 x 138 x 63	140 x 138 x 64		
Installation	On mounting plate or DIN rail		On mounting plate	
Product certifications	ASEFA - KEMA			
Standard for installation inside Prisma	IEC 61439-1-2			
Glow-wire 60695-2-11	960°C			
References	04033	04034	04155	04156

Accessories		
		
Description	2 x 35 ² 3P for Linergy DP 250 A	2 x 35 ² 4P for Linergy DP 250 A
References	04155	04156

Technical data

Common characteristics

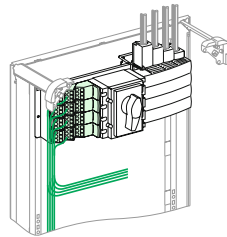
Rated conditional short-circuit current of an assembly (Icc)	The reinforced breaking capacity due to cascading in circuit-breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage (Ui)	750 V AC
Rated operational voltage (Ue)	690 V
Rated impulse withstand voltage (Uimp)	8 kV
Network frequency	50/60 Hz
Degree of protection	IPxxB
Degree of pollution	3
Overvoltage category	III

Additional technical characteristics

Reference temperature	40°C
Operating temperature	-25°C to 55°C

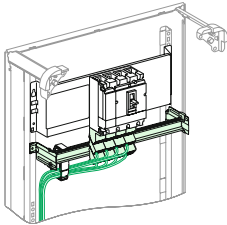
Installation

DD381346-70



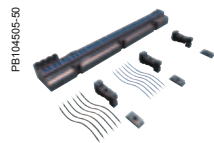
It can also be mounted downstream of vertically mounted Compact **NSX100/250** and Compact INS **INS250** devices in the enclosures. In this case, the Linergy DP is mounted on a depth-adjustable modular rail.

DD380780-70



Directly on the mounting plates of horizontally mounted Compact **NSX100/250** and Compact INS **INS250** devices in the enclosures.

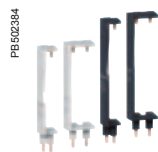




Linergy FM	24
Quick device feeders	24



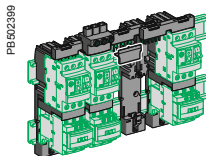
Linergy FH	26
Horizontal comb busbar for 27 mm pitch for C120, NG125	26
Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9	27
Horizontal comb busbar for 9 mm pitch for Acti 9, C60	29
Horizontal comb busbar for 18 mm pitch for Domae	31
Horizontal biconnect comb busbar for 18 mm pitch	32



Linergy FV	33
Vertical comb busbar	33



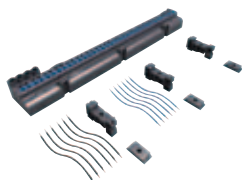
Linergy FC	34
Feeders for Compact NSX & INS	34



Linergy FT	36
Tesys comb busbar	36

IEC 60947-7-1, IEC 61439-2

PE104505-50



Description

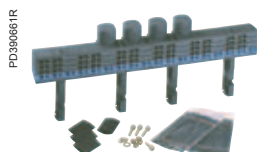
- Distribution over full rows of modular devices.
- The distribution block is generally supplied by busbars in enclosures and cubicles.
- Easy phase balancing.
- Mix of devices and functions in the same row.
- Installation ≥ 160 A: clipped onto the back of a modular rail or screwed onto a solid or pre-slotted plate.

Distribution blocks

Number of poles	4P	4P
	63 A	80 A
Rated peak withstand current (I _{pk})	15 kA	15 kA
Rated conditional short-circuit current of an assembly (I _{sc})	The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested. The characteristics are exactly right for the connected devices. Circuit breakers and switches still have their temperature derating curves, and their whole performance is maintained.	
Insulation voltage (U _i)	500 V AC	500 V AC
Rated voltage (U _e)	440 V AC	440 V AC
Rated impulse withstand voltage (U _{imp})	6 kV	6 kV
Maximum current (I _{max})	-	-
Rated operational frequency	50/60 Hz	
Degree of protection	IPxxB	IP20
Supply at incoming terminals	Enclosed terminals for cables up to 25 mm ²	Enclosed terminals for flexible cables 6 to 25 mm ² or rigid cables 10 to 35 mm ²
Total connection capacity at outgoing terminals	Spring terminals: 4 for each phase (2 x 1 to 4 mm ² + 2 x 1 to 6 mm ²) 8 for the neutral (4 x 1 to 4 mm ² + 4 x 1 to 6 mm ²)	Spring terminals for rigid or flexible cables without ferrule: 6 for each phase (1 to 6 mm ²) 18 for the neutral (1 to 6 mm ²)
Width	24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules
Composition	Stripped copper connections (L=100 mm) 10 x 4 mm ² + 6 x 6 mm ²	Stripped copper connections (L=105 mm) 6 mm ² (12 blue + 12 black)
References	04008	04000

Installation

DD381064-LIN Clipped onto the back of a modular rail, or screw fixing.	DB124105-LIN Clipped onto the back of a modular rail, or screw fixing.
	DB124106-LIN Can be mounted in Pragma Evolution enclosures and in Prisma Pack 160



4P	2P	3P	4P	4P
160 A 27 kÅ	200 A 25 kÅ	200 A 25 kÅ	200 A 30 kÅ	200 A 27 kÅ
The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested.				
750 V AC	750 V AC	750 V AC		750 V AC
690 V AC	690 V AC	690 V AC		690 V AC
8 kV	8 kV	8 kV		8 kV
50 A for feeder for 10 mm ² cable/63 A for feeder for 2 10 mm ² cables				
50/60 Hz				
IPxxB				
Direct onto the row by cable 50 mm ² with crimped lug, or flexible bar 20 x 3				
From Linergy BW insulated busbar in enclosure or cubicle with connection ref. 04021				
From Linergy BS sheathed busbar with connection ref. 04024				
From Linergy BS rear busbar with connection ref. 04029				
6 connection points for each phase 9 connection points for the neutral	12 connection points for the phase and the neutral	12 connection points for each phase 18 connection points for the neutral		
24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules			72 9-mm pitches 36 18-mm modules
2 sachets with 12 stripped copper connections 10 mm ² (L=100 mm)				
Protective covers for power supply rows (IPxxB)				
Fixing accessories for power supply rows				
04018	04012	04013	04014	04026

Connections to the distribution block

4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 160 A connection for Linergy FM 1/2 row	
Allows power supply from Linergy BW busbar	Linergy BS sheathed busbar	Linergy BS rear busbar	Switchgear	
References	04021	04024	04029	04030

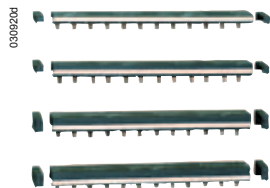
Spare parts



	4 covers for 160/200 A Linergy FM rows
Reference	01202

Linergy FH

Horizontal comb busbar for 27 mm pitch for C120, NG125



IEC 60664-1

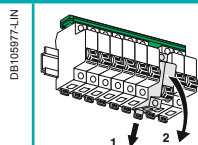
Description

Comb busbars make it easier to install Schneider Electric products.

- Supplied with 2 side plates, IP2
- Outgoing feeders can be marked
- Cutting markings on the copper bars and the insulating material

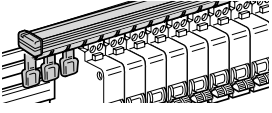
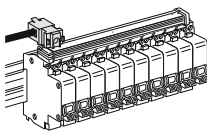
C120, NG125		27 mm poles, cuttable			
Number of poles		1P	2P	3P	4P
030920d 					
		Supplied with 2 side plates, IP2 and 4 tooth cover end-pieces Outgoing feeders can be marked Cutting markings on the copper bars and the insulating material Unused teeth can be insulated with tooth covers			
Rated operational current at 40°C	(Ie)	125 A			
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers			
Insulation voltage	(Ui)	620 V			
Rated voltage	(Ue)	500 V			
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s			
Colour		RAL 7016 (anthracite grey)			
Use					
		Power supply by connector recommended			
Number of 27 mm modules		16	16	15	16
Set of		1			
References		14811	14812	14813	14814

Installation



Comb busbars allow dismountability (1-2)

Accessories

Number of poles	1P, 2P, 3P, 4P	
	PG134071	030921d
		
	Tooth covers	Insulated connector
		Compatible with all Schneider Electric comb busbars Clip onto the comb busbar's insulating material, which gives them very great stability Receive clip-on markers allowing circuit identification
Use		
		For 25 mm² semi-rigid cable
Set of	20	4
References	14818	14885
Installation		
	DB105977	DB105976
		

Linergy FH

Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9

IEC 60947-7-1, IEC 61439-2

PB502379



Description

Comb busbars make it easier to install Schneider Electric products.

- Can be sawn and cut in a single pass
- Supplied with two IP20 lateral end-pieces except for 57 module references
- The end-pieces are compulsory after cutting
- The phases are identified by symbols on each side of the comb busbar for installation in all positions
- Cutting marks on the insulating material
- The special comb busbars for circuit breakers with 9 mm auxiliaries have a 9 mm gap for inserting iOF and iSD

Acti 9 / Multi 9		18 mm poles, cuttable										
Number of poles		1P	2P	3P	4P	3 (N+P)	Aux+1P	Aux+2P	Aux+3P	Aux+4P	3 (Aux+1P)	3 (Aux+N+1P)
PB10252-24												
Rated operational current at 40°C	(Ie)	100 A										
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers										
Insulation voltage	(Ui)	500 V										
Rated voltage	(Ue)	415 V										
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s										
Colour		RAL 7016 (anthracite grey)										
Use												
		Power supply by connector recommended										
Type		L1...	L1L2...	L1L2L3...	NL1L2L3...	NL1NL2... ...NL3	AuxL1...	AuxL1L2...	AuxL1L2L3	AuxNL1... ...L2L3	AuxL1... ...AuxL2... ...AuxL3	AuxL1... ...AuxL2... ...AuxL3
Set of		1	1	1	1	1	1	1	1	1	1	1
References												
6 modules of 18 mm		A9XPH106	-	-	-	-	-	-	-	-	-	-
12 modules of 18 mm		A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512*	-	-	-	-	-	-
18 modules of 18 mm		-	-	-	-	A9XPH518*	-	-	-	-	-	-
24 modules of 18 mm		A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524*	-	-	-	-	-	-
57 modules of 18 mm		A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557*	A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557*

* This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

Installation

PB110290-40



PB110793-40



Accessories

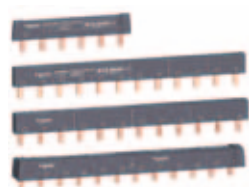
Number of poles	1P	2P	3P	4P	-	-	-
							
	End-pieces				Tooth covers	Connectors	
	Lateral end-pieces providing IP20 protection				Insulate teeth that have been left free	Monoconnect	Double terminals
						Comb busbar power supply. Horizontal incomer on each side. For 35 mm² cable. Tightening torque 4 N.m	
							
Set of	10	10	10	10	20	4	4
References	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCM04	A9XPCD04

Linergy FH

Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9

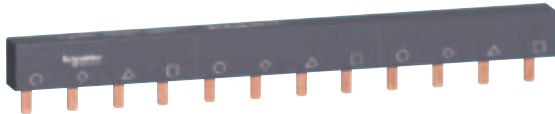
IEC 60947-7-1, IEC 61439-2

PB502380



Description

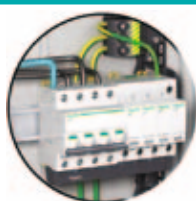
Comb busbars make it easier to install Schneider Electric products. The phases are identified by symbols on each side of the comb busbar. Dismountability of devices with Acti 9.

Acti 9 / Multi 9		18 mm poles, not cuttable				
Number of poles		1P	2P	3P	4P	3 (N+P)
PB110231-16						
Rated operational current at 40°C (Ie)		100 A				
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers				
Insulation voltage (Ui)		500 V				
Rated voltage (Ue)		415 V				
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s				
Colour		RAL 7016 (anthracite grey)				
Use						
Type		Power supply by connector recommended				
Set of		L1	L1L2	L1L2L3	NL1L2L3	NL1NL2NL3
		1	1	1	1	1
References						
12 modules of 18 mm		A9XPM112	A9XPM212	A9XPM312	A9XPM412	A9XPM512 *

* This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

Installation

PB110230-40



PB110783-40



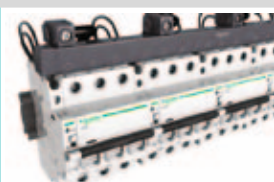
Accessories

	Tooth covers	Connectors	
	Insulate teeth that have been left free	Double terminals	Monoconnect
Use			
		Horizontal incomer on each side For 35 mm ² cable Tightening torque 4 N.m	
Set of	20	4	4
References	A9XPT920	A9XPCD04	A9XPCM04
Installation			

PB08162-38



PB08164-38



IEC 60439-1

Description

Comb busbars ensure:

- Easy, reliable mounting of 1P+N and 3P+N, TL, CT, ID, V, BP and Cm switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts
- C60/ID Group Feeder comb busbars contain two different parts:
 - Connection of Group Feeder switchgear: C60 (3P+N) or ID (3P+N) circuit breaker in 18 mm modules, powered by cables, through the bottom, directly by the terminals
 - Connection of Clario, Prodis and Libro switchgear in 9 mm modules



Acti 9 Ph+N		9 mm poles, cuttable					
Number of poles		1P+N			3P+N		
							
		21501			21505		
		Complete comb busbars (supplied with 4 side plates and 1 tooth cover)					
Rated operational current at 40°C	(Ie)	80 A					
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers					
Insulation voltage	(Ui)	440 V					
Rated voltage	(Ue)	230 V (P4 + N) - 400 V (3Ph + N)					
Rated impulse withstand voltage	(Uimp)	6 kV					
Degree of protection		IP20					
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s					
Colour		RAL 7035					
Number of 18 mm modules	Comb busbar	12	18	24	12	18	24
	Tooth cover	3	3	6	3	3	6
References		21501	19512	21503	21505	09516	21507
Comb busbars alone							
Number of 18 mm modules	Comb busbar	48			48		
References		21089			21093		

C60/ID Group Feeder comb busbars alone

Number of poles		3P+N	
DB101B4-10			
Rated operational current at 40°C (Ie)	80 A		
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers		
Insulation voltage (Ui)	440 V		
Rated voltage (Ue)	230 V (P4 + N) - 400 V (3Ph + N)		
Rated impulse withstand voltage (Uimp)	6 kV		
Degree of protection	IP20		
Fire resistance to IEC 695-2-1	Self-extinguishing 960°C 30 s		
Colour	RAL 7035		
Number of 18-mm modules	12	48	48
Power supply	Through left-hand	Through left-hand	Through right-hand
References	10545	10546	10547

Accessories

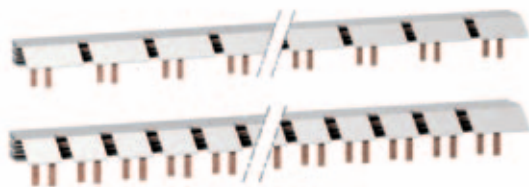
Number of poles					
1P+N	3P+N				
DB123732 	DB123733 			DB123731 	
End-pieces		Tooth covers (3 x 18-mm modules)		Tooth covers (1 x 18-mm module)	
Set of 40		12		10	
References 021094		021095		021096	
		010405		021098	

Linergy FH

Horizontal comb busbar for 9 mm pitch for Acti 9

IEC 60439-1

PB502383



Description

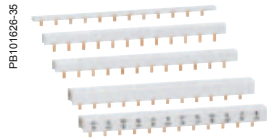
- Connection of Clario, Prodis and Libro switchgear in 9 mm modules
- The special comb busbars for circuit breaker have a gap of 9 mm for inserting OF, SD, OF-SD/OF auxiliaries
- The comb busbars for 3P+N circuit breakers and auxiliaries are compatible with Prisma switchboard
- 1P+N comb busbars with Prisma and Pragma 24

Acti 9		9 mm poles, cuttable			
Number of poles		1P+N	3P+N	1P+N	3P+N
		PB110801-10  A9N21036			
		Comb busbars		Comb busbars DPN Vigi	
Rated operational current at 40°C	(Ie)	63 A			
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers			
Insulation voltage	(Ui)	500 V			
Rated voltage	(Ue)	230 V (P4 + N) - 400 V (3Ph + N)			
Degree of protection		IP20			
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s			
Colour		RAL 7035			
Number of 18-mm modules		56	56	56	56
References		A9N21035	A9N21036	A9N21037	A9N21038

Accessories

Number of poles	1P+N	3P+N			
					
	End-pieces	Connectors (grey)	Neutral connectors (blue)	Tooth cover (1 x 18 mm module)	
Set of	20	10	10	10	
References	A9N21039	A9N21040	A9N21041	A9N21042	A9N21050

IEC 60439-1, IEC60664



PB101625-35

Description

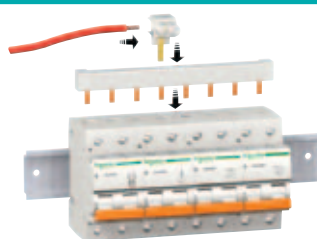
Comb busbars:

- Ensure easy reliable mounting of switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.
- Can be sawn and cut.
- Are supplied with two IP20 lateral end-pieces (the end-pieces are compulsory).
- Unused teeth can be insulated with tooth covers.

Domae		18 mm poles, cuttable									
Number of poles		1P		2P		3P		4P		L1N/L2N/L3N	
PB502372											
Rated operational current at 40°C	(Ie)	63 A									
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers									
Insulation voltage	(Ui)	500 V									
Rated voltage	(Ue)	Ph/N	230 V AC								
		Ph/Ph	400 V AC								
Fire resistance to IEC 695-2-1		Self-extinguishing 850°C 30 s									
Colour		RAL 7035									
Power supply		By 16 mm² semi-rigid or 10 mm² flexible cable With connector									
Number of 18 mm modules		12	57	12	57	12	57	12	57	57	
References		10387	10388	10389	10390	10391	10392	10393	10394	10395	

Installation

PB101630_SE-40



Accessories

Type	Connectors (4, 35 mm²)	End-pieces (2 phases)	End-pieces (3 phases)	End-pieces (4 phases)	Tooth covers
Set of	1	10	10	10	10
References	10397	10398	10399	10405	10396

PB502373



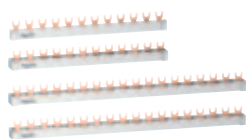
PB101632-10



Lineryg FH

Horizontal biconnect comb busbar for 18 mm pitch

PB502361



IEC60664-1

Description

Distribution and sub-distribution of the electric power supply
Fast assembly and disassembly of connected devices

Horizontal biconnect comb busbar				18 mm poles, cuttable											
Number of poles				1P			2P			3P			4P		
															
Rated operational current at 40°C (Ie)				63 A											
Rated conditional short-circuit current of an assembly (Isc)				Compatible with the breaking capacity of Schneider Electric circuit breakers											
Insulation voltage (Ui)				500 V											
Rated voltage (Ue)				Ph/N		230 V AC									
				Ph/Ph		400 V AC									
Fire resistance to IEC 695-2-1				Self-extinguishing 960°C 30 s											
Colour				RAL 7035 (grey)											
Use				Power supply: into box lug (25 mm² rigid or 16 mm² flexible) or by connector (35 mm² rigid or 25 mm² flexible with ferrule)											
Type				L1			L1L2			L1L2L3			L1L2L3L4		
Number 18 mm, modules				12	18	57	12	18	57	12	18	57	12	18	57
Set of				1	1	1	1	1	1	1	1	1	1	1	
References				R9XFH112	R9XFH118	R9XFH157	R9XFH212	R9XFH218	R9XFH257	R9XFH312	R9XFH318	R9XFH357	R9XFH412	R9XFH418	R9XFH457

Installation

DB405995



Horizontal biconnect comb busbar		18 mm poles, cuttable											
Number of poles		4P											
													
Rated operational current at 40°C (Ie)		63 A											
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers											
Insulation voltage (Ui)		500 V											
Rated voltage (Ue)		230 V AC											
		400 V AC											
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s											
Colour		RAL 7035 (grey)											
Use													
Type		NL1L2L3L4 - NL1NL2NL3						NL1NL2NL3					
Number 18 mm, modules		18						18					
Set of		1						1					
References		R9XFH518G						R9XFH518					
								R9XFH557					

Installation

DB405995



Accessories							
Number of poles		1P	2P	3P	4P		
		PB110895-15 				PB110898 	PB110899-30 
		End-pieces				Tooth covers	
Set of		10				20	
References		R9XE110	R9XE210	R9XE310	R9XE410	R9XT20	R9XFC04

PB502384



IEC 60664-1

Description

Provide a 2P supply to the main incomers from one row to the next:

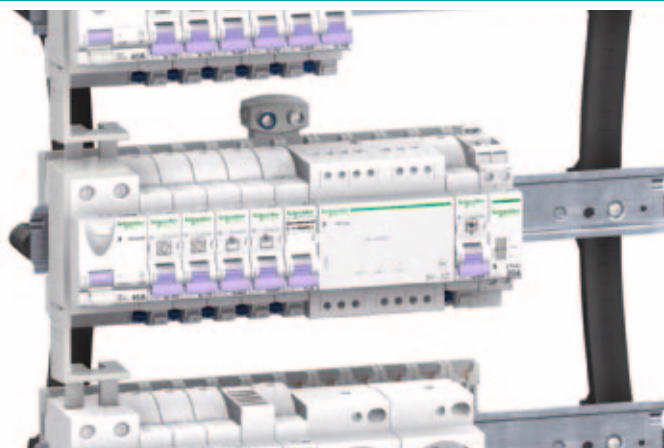
- Centre line between rows: 125 mm or 150 mm
- Distances between terminals: 9 mm or 18 mm pitch

Vertical comb busbars

	PB106071_40	PB106083_40	PB106072_40	PB106073_40	PB106074_40
					
	Direct power supply to circuit breaker or residual current circuit breaker terminals				
Rated operational current at 40°C (Ie)	80 A				
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Insulation voltage (Ui)	500 V				
Rated voltage (Ue)	415 V				
Fire resistance to IEC 695-2-1	Self-extinguishing 850°C 30 s				
Distance between upstream terminals	9 mm	18 mm	18 mm	9 mm	18 mm
Distance between downstream terminals	9 mm	9 mm	18 mm	9 mm	18 mm
Centre line between rows	125 mm			150 mm	
Colour	RAL 7035 (light grey)			RAL 7016 (anthracite grey)	
References	14900	14909	14910	14901	14911

Installation

PB502377



IEC 61439-1 & 2

PE390569

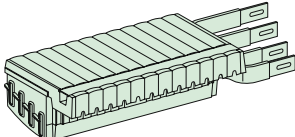
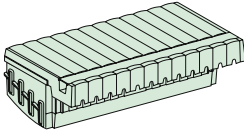
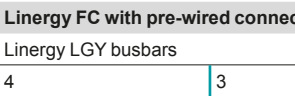
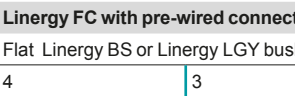
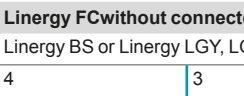
PE390570



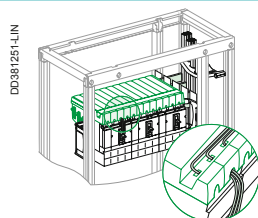
Description

Linergy FC is an insulated horizontal distribution block, directly connected to the mounting plate.

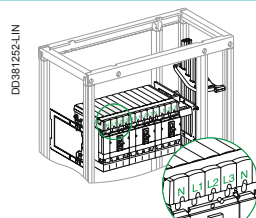
- The design and small size blend perfectly with the devices.
- It can be supplied by flat or Linergy busbars positioned to the left or right.
- Fully insulated, Linergy FC contributes to the safety of people and property.
- Numerous well distributed vents ensure natural convection and optimum cooling of the conductors.
- The circuit breakers can be easily connected from the front. It is simple to replace a device or to add a device in a reserve slot.
- There are markings (N, L1, L2, L3) on the front and the sides for the phases.
- The running of auxiliary cables between the devices and the corresponding terminal blocks is also taken into account. Spacious trunking is built into the blocks for the auxiliary wiring.
- It can supply 3 compact 4P, or 4 compact 3P, whatever the rating (from 100 to 250 A) and the operating systems (toggle, rotary handle, motor mechanism), whether fixed or plug-in, front or rear connection.

	Fixed Compact NSX100/250 with toggle and Interpact INS250		Fixed/plug-in Compact NSX, all operating systems ^{(1) (2)}			
Number of poles	4P	3P	4P	3P	4P	3P
						
	DD381247				DD381249	
						
	DD381251-LIN		DD381252-LIN		DD381250-LIN	
Connection to	Linergy FC with pre-wired connectors		Linergy FC with pre-wired connectors		Linergy FC without connectors ⁽³⁾	
	Linergy LGY busbars		Flat Linergy BS or Linergy LGY busbars		Linergy BS or Linergy LGY, LGYE busbars	
Number of devices	4	3	4	3	4	3
Composition	Self-adhesive labels to mark the phases for connections to the busbars					
References	04403	04404	04405	04406	04407	04408

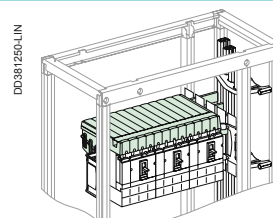
Installation



Auxiliary wires running in the built-in trunking.



Phase marking on the front of the distribution block.



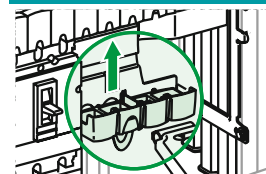
(1) For plug-in Compact NSX circuit breakers, order the adapter **LV429306** (3P) or **LV429307** (4P) with the base.

(2) The connection of a Linergy FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (**04922**). In this case, use the form 2 restoration kit (**04924**): see the Prisma P catalogue.

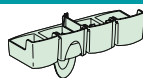
(3) Make the connection with flexible bars, 32 x 8 mm (**04753**): see the Prisma P catalogue.

Accessories

DD383594-LIN



DD381255-LIN



Tooth covers

The covers block off the reserve terminals on a Linergy FC four-pole distribution block. Made of an insulating material, they simply clip on from the front.

References

04809

Technical data

Common characteristics

Rated operational current at 40°	(In)	Distribution block derating follows the normal derating curves of Compact NSX and INS devices
Rated insulation voltage	(Ui)	750 V
Rated operational voltage	(Ue)	690 V
Rated impulse withstand voltage	Uimp	8 kV
Rated peak withstand current	(Ipk)	50 kA rms
Rated conditional short-circuit current of an assembly		Short-circuit withstand current compatible with the breaking capacity of the Compact NSX circuit breakers connected to the distribution block
Reference temperature		40°C
Operating temperature		60°C

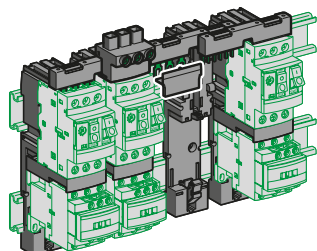
Linergy FC selection table for special cases

In (A) depending on the temperature inside the switchboard

Temperature (°C)	40	45	50	55	60	65	70
I _{nc} (A)							
3P	800	800	775	750	725	700	675
4P	675	675	655	635	615	595	570

- To obtain the maximum permissible current for the Linergy FC distribution block, apply the rated diversity factor RDF:
- 3P: RDF = 0.8
- 4P: RDF = 0.9

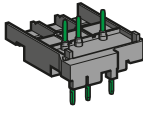
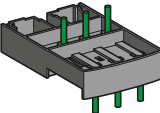
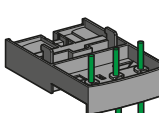
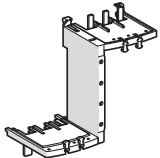
PB502399



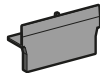
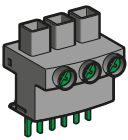
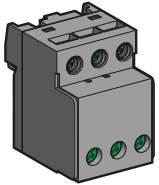
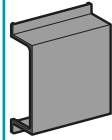
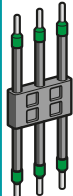
Description

It is much easier to create protection and control blocks, thanks to a range of accessories. These can be used to:

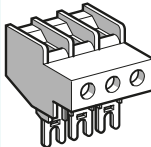
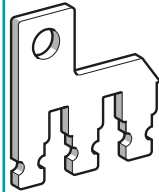
- Supply power to a group of blocks (combs and connection blocks GV2 G ●)
- Fix a fuse-carrier and a contactor on top of one another (mounting plate LAD 311)
- Interconnect a fuse-carrier and its contactor (rigid wiring modules GV2 AF ●, LAD 3 ●)
- Using them creates considerably more space in the switchboard and reduces the wiring time

	Combination blocks			S-shape busbars	115 A busbars for connecting contactors in parallel	
						
	Between GV2 and contactor LC1 K or LP1 K	Between GV2 and contactor LC1 D09... D38	Between GV2 mounted on LAD 311 and contactor LC1 D09... D38	For circuit-breakers GV3 P ● ● and GV3 L ● ● and contactors LC1 D40A...D65A	Contactors LC1 D40A...D65A	
Set of	10	10	10		2	3
References	GV2 AF01	GV2 AF3	GV2 AF4	GV3 S	GV3 G264	GV3 G364

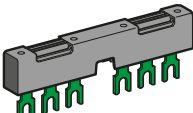
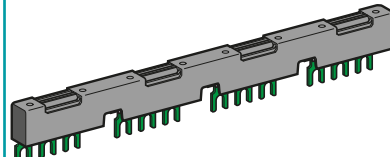
Accessories

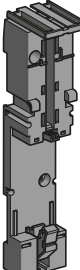
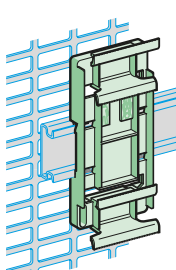
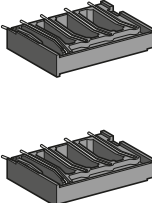
					
	Protective end cover	Terminal block for supply to one or more GV2 G busbar sets		Cover for terminal block	Flexible 3-pole connecting a GV2 to a contactor LC1-D09... D25
	For unused busbar outlets	Connection from the top	Can be fitted with current limiter GV1 L3 (GV2 ME and GV2 P)	For mounting in modular panels	Centre distance between mounting rails: 100... 120 mm
Set of	5	1	1	10	10
References	GV1 G10	GV1 G09	GV1 G05	LA9 E07	GV1 G02

Accessories for main pole and control connections

Number of poles	4-pole 10 mm ²	3-pole 25 mm ²	2-pole
			
	Connectors for cable, size (1 connector)		Links for parallel connection of
For use with contactors LC1	(~) (---)	DT20, DT25 D09...D38	D09...D38 DT20, DT25 (4P) DT32, DT40 (4P) D40A...D65A D80, D95
Set of	1	1	10 10 10 1
References	LAD 92560	LA9 D3260	LA9 D2561 LA9 D1261 LAD 96061 LAD 9P32 LA9 D80961

Sets of 3-pole 63 A busbars

PB502384				PB502385					
	2 tap-offs				3 tap-offs		4 tap-offs		5 tap-offs
	Pitch mm								
	45	54	72	45	54	45	54	72	54
	GV2 G245	GV2 G254	GV2 G272	GV2 G345	GV2 G354	GV2 G445	GV2 G454	GV2 G472	GV2 G554

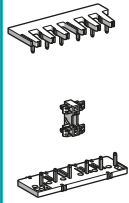
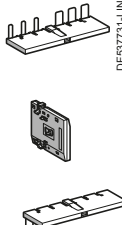
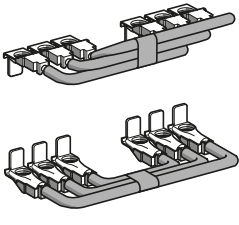
			
Adapter plates	Height compensation plate	Motor starter adapter plate	Connections upstream/downstream
For mounting a GV2 ME or GV2 P and contactor LC1 D09... D38 with front faces aligned	7.5 mm	With 3-pole connection for mounting a GV2 and a contactor LC1 D09... D25	For connecting GV2 ME to a printed circuit board
1	10	1	10
LAD 311	GV1 F03	GK2 AF01	GV2 GA01

3-pole

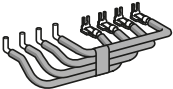
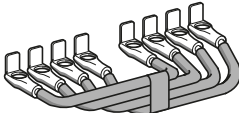
4-pole

D09...D38	D40A...D65A	D80, D95	DT20, DT25	D80, D95
D09...D38	D40A...D65A	D80, D95	DT20, DT25	D80
10	1	1	2	2
LAD 9P3	LAD 9P33	LA9 D80962	LA9 D1263	LA9 D80963

For 3-pole reversing contactors

									
	LAD 9R1		LAD 9R3	LA9 D8069					
Composition									

For 4-pole changeover contactor

	DF537734-LIN 		DF537735-LIN 						
	LA9 D6570		LA9 D8070						
	Kits for assembly of changeover contactor pairs		Sets of power connections						
Composition	■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections (changeover) LAD 9V7		Comprising a set of parallel bars						
For contactors	LC1 DT20 to DT40 with screw terminals or connectors		LC1 DT60A and DT80A	LC1 D80004	LP1 D80004	LC1 D115004	LC1 DT203 to DT403 with spring terminals	LC1 D80004	LP1 D80004
References	LAD T9R1V	LAD T9R1	LA9 D65A70	LA9 D8070	LA9 D8070	LA9 D11570	LAD 9V9	LA9 D8070	LA9 D8070

For star-delta starter

- 1 time delay contact block LAD S2 (LC1 D09...D80)
- Power circuit connections (LC1 D09...D80)
- Hardware required for fixing the contactors onto the mounting plate (LC1 D80)

LC1 D09 and D12	LC1 D18 to D32	LC1 D40A and D50A	LC1 D80	Equipment mounting plates			
				LC1 D09, D12 and D18	LC1 D32	LC1 D40A and D50A	LC1 D80
LAD 91217	LAD 93217	LAD 9SD3	LA9 D8017	LA9 D12974	LA9 D32974	-	LA9 D80973

For 3-pole changeover contactor pairs

Mechanical interlocks

Without integral electrical interlock

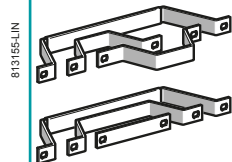
With integral electrical interlock

Sets of power connections

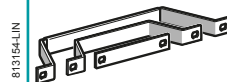
Comprising a set of parallel bars

LC1 D40A...D65A	LC1 D115 and D150	LC1 D115 and D150
LAD 9R3S	LA9 D11502	LA9 D11571

Components for assembling 3-pole reversing contactors and changeover contactor pairs



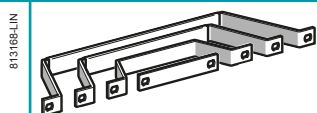
3-pole reversing contactors for motor control



3-pole changeover contactor pairs

Horizontal mounting	LC1 F115	LC1 F150	LC1 F185	LC1 F225	LC1 F265	LC1 F330	LC1 F400	LC1 F500	LC1 F630 or F800
For assembly of 3-pole reversing contactors for motor control References	LA9 FF976	LA9 F15076	LA9 FG976	LA9 F22576	LA9 FH976	LA9 FJ976	LA9 FJ976	LA9 FK976	LA9 FL976
For assembly of 3-pole changeover contactor pairs References	LA9 FF982	LA9 F15082	LA9 FG982	LA9 F22582	LA9 FH982	LA9 FJ982	LA9 FJ982	LA9 FK982	LA9 FL982

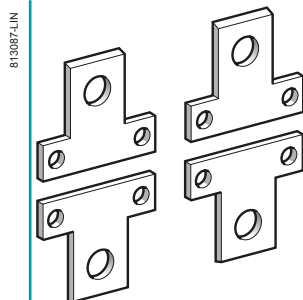
Components for assembling 3 and 4-pole changeover contactor pairs



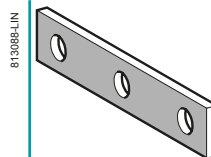
4-pole changeover contactor pairs

Horizontal mounting	LC1 F1154	LC1 F1504	LC1 F1854	LC1 F2254	LC1 F2654	LC1 F3304	LC1 F4004	LC1 F5004	LC1 F6304
Set of power connections References	LA9 FF977	LA9 F15077	LA9 FG977	LA9 F22577	LA9 FH977	LA9 FJ977	LA9 FJ977	LA9 FK977	LA9 FL977

Accessories



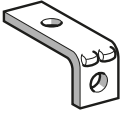
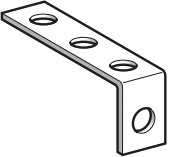
LA9 F 602



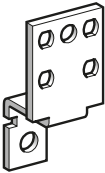
LA9 F 601

Links for parallel connection of poles (in pairs)					Links for "star" connection of 3 poles				
LC1 F1154	LC1 F1504, F1854	LC1 F2254, F2654, F3304, F4004	LC1 F5004	LC1 F6304	LC1 F115	LC1 F150, F185	LC1 F225, F265, F330, F400	LC1 F500	LC1 F630, F800
References	LA9 FF602	LA9 FG602	LA9 FH602	LA9 FK602	LA9 FL602	LA9 FF601	LA9 FG601	LA9 FH601	LA9 FK601

Right-angled connectors

									
	LA9 F ● 981			LA9 F ● 979					
Contactors	LC1 F115			LC1 F150, F185			LC1 F225, F265, F330, F400		
Thermal overload relays	LR9 F5 ● 67, LR9 F67			LR9 F5 ● 69, F5 ● 71, LR9 F69, F71			LR9 F7 ● 75, LR9 F75		
Width (mm)	15			20			25		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area	Rear	Side	Large surface area
References	LA9 FF981	LA9 FF979	LA9 FF980	LA9 FG981	LA9 FG979	LA9 FG980	LA9 FJ981	LA9 FJ979	LA9 FJ980

Right-angled connectors

									
	LA9 FL980								
Contactors	LC1 F500			LC1 F630, F800					
Thermal overload relays	LR9 F7 ● 79, F7 ● 81, LR9 F79, F81			LR9 F7 ● 81, LR9 F81					
Width (mm)	30			40					
Type	Rear	Side	Large surface area	Rear	Side	Large surface area			
References	LA9 FK981	LA9 FK979	LA9 FK980	LA9 FL981	LA9 FL979	LA9 FL980			

Accessories

Contactors	LC1 F115	LC1 F150 and F 185	LC1 F185	LC1 F225 and F265		LC1 F330 and F400	LC1 F400	LC1 F500	LC1 F630, F800
Thermal overload relays	LR9 F5 ● 57, F5 ● 63, LR9 F5 ● 67, F5 ● 69, LR9 F69, F71	LR9 F5 ● 57, F5 ● 63	LR9 F5 ● 71, LR9 F71	LR9 F5 ● 71, LR9 F71	LR9 F7 ● 75, F7 ● 79, LR9 F75, F79	LR9 F7 ● 75, F7 ● 79, LR9 F75, F79	LR9 F7 ● 81, LR9 F81	LR9 F7 ● 75, F7 ● 79, LR9 F7 ● 81, LR9 F75, F79, F81	LR9 F7 ● 81, LR9 F81
Width (mm)	15	20	25	25	25	25	25	30	40
References	LA7 F401	LA7 F402	LA7 F407	LA7 F403	LA7 F404	LA7 F404	LA7 F404	LA7 F405	LA7 F406





Linergy BS 44

Rear flat busbars up to 400 A	44
Multi-stage busbars up to 630 A	45
Multi-stage distribution block up to 630 A	46
Common accessories up to 630 A	47



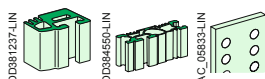
Linergy BW 48

Insulated busbars up to 630 A	48
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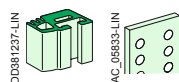
Linergy LGY, LGYE, BS 50

Selection guide up to 4000 A	50
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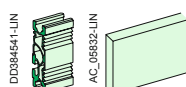
Linergy LGY, LGYE, BS 51

Lateral	51
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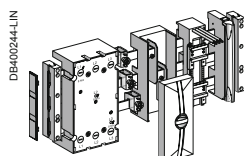
Linergy LGY, BS 54

Rear	54
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Linergy LGYE, BS 56

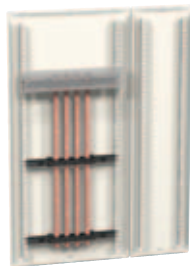
Horizontal	56
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Linergy BZ 58

Quick busbar systems	58
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PD30652-SE

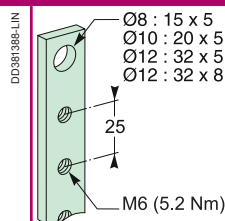


IEC 61439-1 & 2

Description

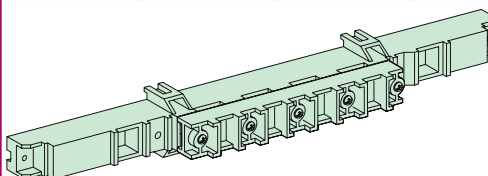
The busbar can be 3-pole or 4-pole with ratings between 160 A and 400 A.
2 lengths are available: 1000 and 1400 mm, which can be cut as required.
The number of supports depends on the installation maximum rated current.

160 to 400 A copper busbars



	160 A	250 A	400 A			
Rated peak withstand current (I _{pk})	30 kA	40 kA	55 kA			
Rated insulation voltage (U _i)	1000 V	1000 V	1000 V			
Rated short-time current (I _{cw})	10 kA rms/1s	13 kA rms/1s	25 kA rms/1s			
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm			
Installation	Threaded M6 holes every 25 mm all the way up Connection by: 16 to 50 mm² flexible cables with crimped lugs					
Set of	4					
Length (mm)	1000	1400	1000	1400	1000	1400
References	04161	04171	04162	04172	04163	04173

DD381389-LIN



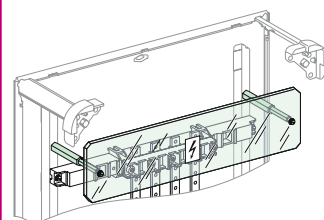
Insulating busbar support ⁽¹⁾

Distance between supports depending on I _{cs} /I _{pk} ⁽²⁾	≤ 10 kA rms/1 s/30 kA	450 mm	450 mm	450 mm
	≤ 13 kA rms/1 s/40 kA	-	450 mm	450 mm
	≤ 15 kA rms/1 s/40 kA	-	450 mm	450 mm
	≤ 20 kA rms/1 s/45 kA	-	-	300 mm
	≤ 25 kA rms/1 s/55 kA	-	-	225 mm

Installation: On the rear uprights
Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm)

References	04191	04191	04191
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AC_05832-LIN



IPxxB insulating protective shield

Length	470 mm	470 mm	470 mm
Height	100 mm	100 mm	100 mm
Composition	Supplied with fixings		
References	04198	04198	04198

(1) The supports allow installation of a 5th busbar with 15 or 20 x 5 mm cross-section to create the earth collector.

(2) Linery FM 200 A distribution blocks with connections ref. 04029 can act as intermediate supports (max. distance apart 200 mm) in addition to the support ref. 04191 at the top and bottom.

PD306533_SE

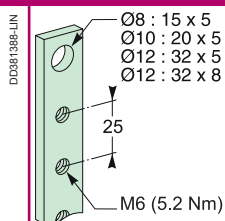


IEC 61439-1 & 2

Description

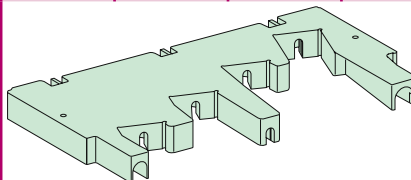
Multi-stage busbars are installed in a sheath L = 300 mm.
We strongly recommend dividing the current between 2 cubicles or enclosures joined on either side.
All the connection points are easily accessible from the front.
The busbar orientation makes them easier to tighten and facilitates running the cables between them.
The current can be 3-pole or 4-pole with ratings between 160 A and 630 A.
2 lengths are available: 1000 and 1400 mm, which can be cut as required.
The number of supports depends on the installation maximum rated current.

160 to 630 A copper busbars



	160 A	250 A	400 A	630 A
Rated peak withstand current (I _{pk})	30 kA	40 kA	55 kA	55 kA
Rated insulation voltage (U _i)	750 V	750 V	750 V	750 V
Rated short-time current (I _{cw})	10 kA rms/1s	13 kA rms/1s	15, 20 kA rms/1s	25 kA rms/1s
Supply at incoming terminals	Connection by: 16 to 50 mm ² flexible cables with crimped lugs			
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Installation	Flat copper busbar with threaded M6 holes every 25 mm all the way up			
Set of	4			
Length (mm)	1000	1400	1000	1400
References	04161	04171	04162	04172

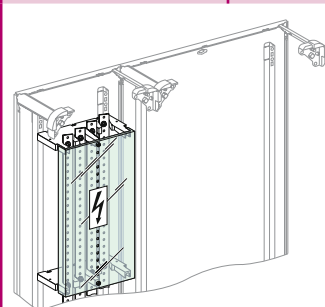
DD381395-LIN



Insulating busbar support ⁽¹⁾

Support fixing centres in accordance with I _{cw} /I _{pk} ⁽²⁾	≤ 10 kA rms/1 s/30 kA	450 mm	450 mm	450 mm	450 mm
	≤ 13 kA rms/1 s/40 kA	-	450 mm	450 mm	450 mm
	≤ 15 kA rms/1 s/40 kA	-	-	450 mm	450 mm
	≤ 20 kA rms/1 s/45 kA	-	-	300 mm	300 mm
	≤ 25 kA rms/0.6 s/55 kA	-	-	300 mm	-
	≤ 25 kA rms/1 s/55 kA	-	-	-	300 mm
Installation	Installation on functional uprights in Prisma. Screwed onto a solid or pre-slotted plate (450 x 200 mm fixing centres)				
References	04192	04192	04192	04192	04192

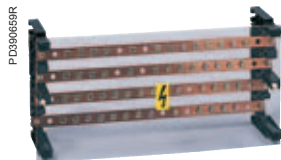
DD381396-LIN



IPxxB insulating protective shield

Length	250 mm	250 mm	250 mm	250 mm
Height	1500 mm	1500 mm	1500 mm	1500 mm
Composition	Fixing accessories supplied with support ref. 04192			
References	04197	04197	04197	04197

IEC 61439-1 & 2



Description

The distribution block can be installed horizontally in the device zone or vertically in the 300 mm wide duct of enclosures and cubicles.

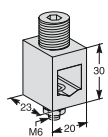
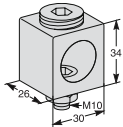
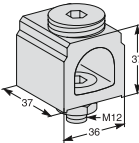
The distribution block is made up of:

- two staggered supports made of an insulating material
- four slanted copper bars with holes every 25 mm

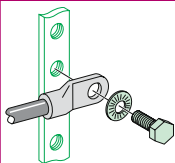
Multi-stage distribution blocks

		DD381342-LIN		DD381343-LIN	
		160 A	250 A	400 A	630 A
Rated peak withstand current	(Ipk)	30 kA	30 kA	40 kA	40 kA
Rated insulation voltage	(Ui)	750 V AC			
Rated operational voltage	(Ue)	440 V			
Rated impulse withstand voltage	(Uimp)	8 kV			
Rated short-time current	(Icw)	10 kA rms/1 s	13 kA rms/1 s	20 kA rms/1 s	25 kA rms/1 s
Total connection capacity		4 incomers per phase: ø 12.2 mm clearance holes 13 outgoing per phase 16 to 50 mm²: M6 tapped holes			
Busbar cross-section		15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Dimensions (mm)		DD381344-LIN 			
Installation		Screwed in horizontal position on functional uprights in enclosures and cubicles (Prisma G) Screwed in vertical position on sheathed uprights (Prisma G) Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm) Screwed onto adapter ref. 03595 (Prisma P)			
Composition		2 multi-stage supports made of an insulating material 4 slanted copper busbars, with holes every 25 mm 1 pack of 36 M6 x 16 screws + contact washers 1 IPxxB front insulating shield			
References		04052	04053	04054	04055

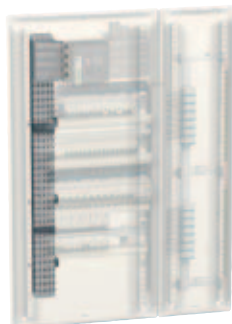
Incomer accessories

	 E56852	 E56851	 E56850
	Connectors for copper or aluminium cables		
Rated operational current at 40° (I _e)	160 A	250 A	400 A
Supply at incoming terminals	70 mm ² cables	16 to 185 mm ² cables	70 to 300 mm ² cables
Composition	Supplied with fixings at busbar end		
Set of	4		
References	07051	07052	07053

Outgoer accessories

	 DD381388-LIN	
	Class 8.8 fixings	
Composition	20 M6 x 20 screws + 20 nuts + 40 contact washers	40 M6 x 16 screws + 40 contact washers
References	04194	04195

PD390337



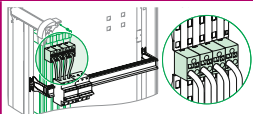
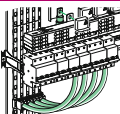
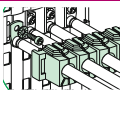
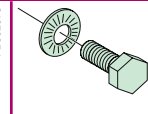
Description

- Compact busbar, **IPxxB**, ready for installation (supplied complete with supports and end caps)
- Shaped busbar, threaded M6 with 25-mm pitch, can be cut with 200-mm pitch (150 mm for the 125 A)
- Busbar installed on insulating supports, screwed onto the rear uprights
- Wide selection of tested pre-wired connectors
- Clip-on covers to protect against direct contact (IPxxB). Can easily be cut to allow connections to pass through to the switchgear
- Ends protected by end caps

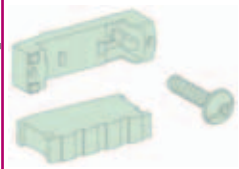
Lineryg BW busbar

		125 A		160 A		250 A		400 A		630 A	
Rated peak withstand current	(I _{pk})	20 kA		30 kA		30 kA		52.5 kA		52.5 kA	
Rated insulation voltage	(U _i)	500 V		750 V		750 V		750 V		1000 V	
Rated impulse withstand voltage	(U _{imp})	8 kV		8 kV		8 kV		8 kV		8 kV	
Rated short-time current	(I _{cw})	8.5 kA rms/1 s		10 kA rms/1 s		13 kA rms/1 s		20 kA rms/1 s		25 kA rms/1 s	
Length (mm)		450	750	1000	1400	1000	1400	1000	1400	1000	1400
References	3P	04103	04107	04111	04116	04112	04117	04113	04118	04114	04119
	4P	04104	04108	04121	04126	04122	04127	04123	04128	04124	04129

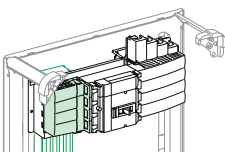
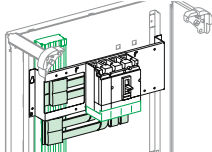
Accessories

DD383498-LIN			DD383472-LIN		DD381395-LIN		PB502375	
	IPxxB tap-off terminals			200 A connections		IPxxB insulating covers		Class 8.8 fixing accessories
	For one 6 mm ² cable and one 10 mm ² cable (Ui): 750 V	For one 1 to 16 mm ² cable (Ui): 750 V				Covers which can be clipped on and cut to size are used to isolate the connectors of a connection with cables of cross-section 10 to 25 mm ²		M6 x 12 + 20 M6 contact washers
Used for connecting	■ All switchgear equipped with enclosed terminals ■ Linergy FM 160/200 A	■ All switchgear equipped with enclosed terminals ■ Linergy FM 63/80/160/200 A		■ Linergy FM 200 A				
Set of	12	12		4		8		20
References	04151	04152		04021		04150		04158

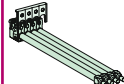
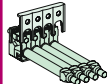
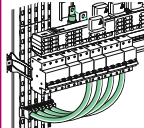
Spare parts

		Lineryg BW busbar supports				
Rated operational current at 40°	(I _e)	125 A	160 A	250 A	400 A	630 A
Composition		2 busbar supports + 2 end caps + packet of fixing accessories				
References		-	01210	01210	01210	01211
		IPxxB clip-on covers				
Length (mm)		200				
Set of		2				
References		-	01201	01201	01201	01201

Linery BW busbar connections with power supply unit

DD380522-LIN				DD380593-LIN					
	Power supply units with connections				Universal power supply units + pre-wired connectors			Universal power supply units + connections to be made (flexible insulated busbars can be used)	
Used for connecting Compact	■ Horizontal NSX100/250 with or without Vigi ■ Horizontal INS-INV250	■ Horizontal NSX400 ■ Horizontal INS-INV320/400	■ Horizontal NSX630 ■ Horizontal INS-INV500/630	■ Enclosed NSX100/250 with toggle switch ■ Enclosed vertical INS-INV250	■ Sheathed NSX100/250 with or without Vigi ■ Sheathed vertical INS-INV250	■ Sheathed NSX400/630 with or without Vigi ■ Sheathed INS-INV320/630	■ Enclosed horizontal NSX100/250 with rotary handle or remote control ■ Vertical Fupact INF100/160, Fupact ISFT100/250	■ Enclosed NSX400/630 with or without Vigi ■ Enclosed INS-INV320/630	
	References 04060	04070	04071	04061 + 04062	04061 + 04064	04074 + 04073	04061	04074	

Pre-wired connectors

 DD381379-LIN	Connections		 DD383276-LIN	 DD383274-LIN	 DD383472-LIN
	35 mm² ferrule + 45° angled connector	45 mm² ferrule + 45° angled connector			
Rated operational (Ie) current at 40°	125 A	160 A	160 A	160 A	200 A
Length	230 mm	250 mm	440 mm	150 mm	-
Used for connecting	NG125, INS with enclosed terminals ref. 28947 or 28948	INS160, NG125, NG160	- NG160 (left-hand position), Vigi NG160 (middle position) - NG125, INS160, C120, iC120	NG160 (left-hand position), NG125, INS160, C120, iC120	Linery FM 200 A
Set of	4	4	1	1	4
References	04145	04146	04148	04147	04021

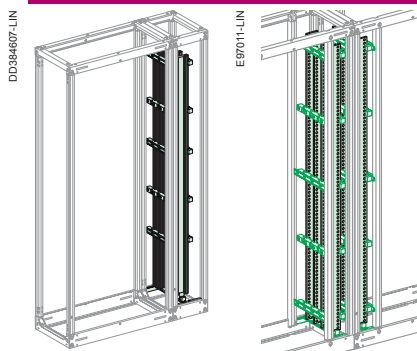
IEC 61439-1 & 2

Description

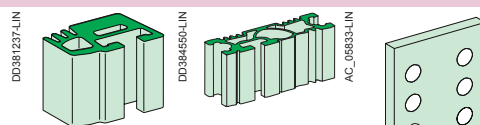
Prisma P and SFP/PH switchboards have a complete, coherent system for routing the electrical current:

- optimised busbars
- pre-wired connectors
- customised distribution blocks

Vertical busbar



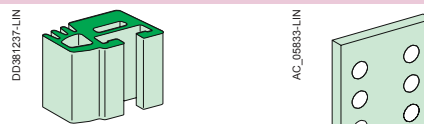
Lateral in sheath



		LGY profile	LGYE profile	Linery BS flat busbars
Permissible current		Up to 3200 A	Up to 4000 A	Up to 3200 A
Material		Linery profile	Linery profile	Pre-slotted copper
Busbar		5 profile types depending on the current	9 profile types depending on the current	Th. 5 mm up to 1600 A Th. 10 mm up to 3200 A
Busbar length		1670 mm	2000 mm	1675 mm
Installation in Prisma P sheath	150 mm wide	Up to 1600 A	Up to 2500 A	Up to 2500 A
	2 x 150 mm wide	Up to 3200 A		Up to 3200 A
	300 mm wide		For 3200-4000 A	Up to 4000 A
Installation in SFP/PH sheath	300 mm wide	500 mm deep		500, 600 or 800 mm deep

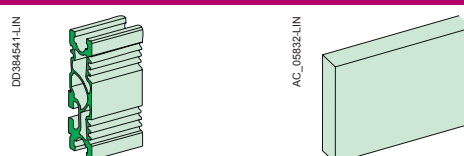
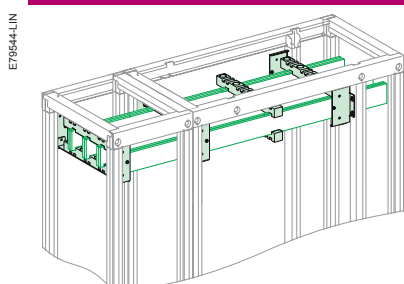


At the back of a cubicle



		LGY profile	Linery BS flat busbars
Permissible current		Up to 1600 A	Up to 1600 A
Material		Linery profile	Pre-slotted copper
Busbar type		5 profile types depending on the current	10 mm thick up to 1600 A
Busbar length		1670 mm	1675 mm
Installation		In 650 mm wide Prisma cubicle or 700 mm wide Prisma PH/SFP cubicle regardless of depth	

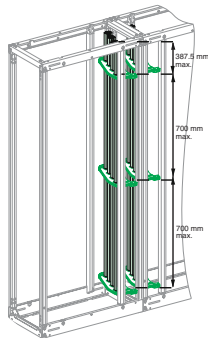
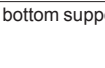
Horizontal busbar



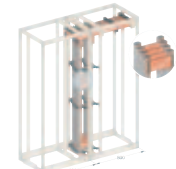
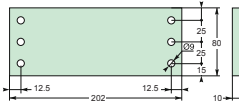
		LGYE profiles	Linery BS flat busbars
Permissible current		Up to 4000 A	Up to 4000 A
Material		Linery profile	Copper solid busbars
Busbar type		9 profile types depending on the current	5 mm up to 1600 A 10 mm up to 4000 A
Busbar length		2000 mm	2000 mm
Installation		At the top or bottom of the cubicle, horizontally 400 or 600 mm deep for Prisma P 500, 600 or 800 mm deep for SFP/PH	

Linery LGY profiles		
	Up to 1600 A (single busbar)	Up to 3200 A (double busbar)
In Prisma P sheath	L150	2 x L150
In SFP/PH sheath	L300	-
Linery profile, 1670 mm long		
	     	     
	     	     
	630 A 800 A 1000 A 1250 A 1600 A	2 x 1000 A 2 x 1250 A 2 x 1600 A
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31: 680 A 840 A 1040 A 1290 A 1650 A IP > 31: 590 A 760 A 950 A 1170 A 1480 A	200 A 2500 A 3200 A 1820 A 2260 A 2920 A
Number of profiles per phase	1	2
References	04502 04503 04504 04505 04506	04504 04505 04506

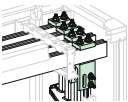
Busbar supports

		
		
	Characteristics	An end stop must be fitted on the bottom support: 01109 (sold in lots of 12)
	Number depending on I _{cw} (kA rms/1 s)	2 x 3 2 x 3 2 x 3 2 x 3 2 x 4 2 x 4 2 x 5 2 x 5
	References	04651 (+ set of 2 upright adapters NSYSFPA for installation in SFP/PH cubicle)

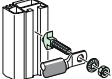
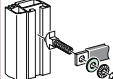
Equipotential bonding

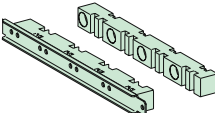
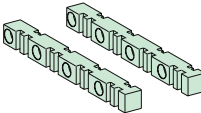
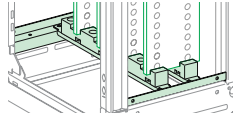
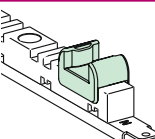
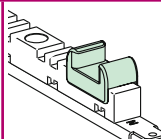
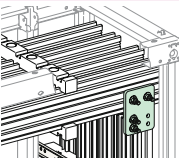
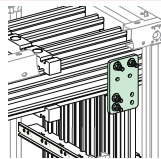
	3 equipotential bonding items must be installed between the busbars	
		Connection made with a flat 80 x 10 mm busbar between 2 L150 sheaths

Connections to the Linery BS horizontal busbar

	Characteristics	Fixings supplied. Order 1 connection per phase
References according to horizontal busbar size	5 mm thick 10 mm thick Width ≤ 80 mm Width > 80 mm	04634 (1000 A) 04635 (1600 A) - 04636 2 x 04636 04636 + 04642 2 x 04636 + 2 x 04642

Accessories

			
Linery screw	Characteristics References: 25 mm long 39 mm long	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8. The screws slide into the profile and are then locked in the desired position. 04766 (for lug and flexible busbar connection) 04767 (for copper busbar connection)	Identification
Steel plain washers	Characteristics References: ext. ø 20 mm ext. ø 24 mm ext. ø 28 mm	M8 sold in lots of 20 04772 04773 04774	
Brass plain washers	Characteristics References: ext. ø 20 mm	M8 sold in lots of 20 for connection of ≤ 25 mm² lugs to Linery 04775	
Identification	Characteristics References	12 clip-on supports + N, L1, L2, L3, PE, PEN labels 04794	

Linery LGYE profiles										
	Up to 4000 A									
In Prisma P sheath	L150							L300		
In SFP/PH sheath	L300									
Linery profile, 2000 mm long										
	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A	
Permissible current for an ambient temperature of 35°C around the switchboard	IP ≤ 31 530 A	IP ≤ 31 680 A	IP ≤ 31 850 A	IP ≤ 31 1050 A	IP ≤ 31 1480 A	IP ≤ 31 1650 A	IP ≤ 31 2100 A	IP ≤ 31 2800 A	IP ≤ 31 3620 A	
	IP > 31 630 A	IP > 31 800 A	IP > 31 1000 A	IP > 31 1250 A	IP > 31 1650 A	IP > 31 2000 A	IP > 31 2440 A	IP > 31 3200 A	IP > 31 3350 A	
Length to cut for side mounting	1675 mm							1625 mm		
Number of profiles per phase	1									
References	04560	04561	04562	04563	04564	04565	04566	04567	04568	
Busbar supports										
	DD380829-LIN			DD381659-LIN						
		Fixed support 04661			Support arm 04662		04666			
	Characteristics	3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use support arms (in addition).								
	Number depending on I _{cu} (kA rms/1 s)	≤ 30	3							
		≤ 40	-	5			3			
		≤ 50	-	5			3			
		≤ 60	-	5			3			
		≤ 65	-				5			
		≤ 75	-				7			
		≤ 85	-				7			
	≤ 100	-				9				
References	04661 (fixed support) + 04662 (support arm if necessary)					04661 (fixed support) + 04671 (fixings) + 04662 (support arm if necessary)		04661 (fixed support) + 04646 (sold in lots of 12 spacers) + 04662 (support arm if necessary)		
Wedging busbars in position										
	DD384577-LIN					DD384576-LIN				
		Wedge fitted on bottom support					Wedge fitted on bottom support			
Characteristics	The bottom support is used to place profiles and ensure they are in the correct position. It is not considered to be a busbar support.									
References	04663 (bottom support) 04658 (pack of 12 replacement shims)					04666 (bottom support) + 04661 (fixed support) 04659 (pack of 12 replacement shims)				
Connections to the Linery Evolution LGYE horizontal busbar										
	DD384575-4x6-LIN					DD384575-LIN				
		≤ 1600 A					2000/2500 A			
Characteristics	Supplied with fixings. References are supplied individually: 1 connection per phase.									
References according to horizontal busbar size	04604 (short connection) 04605 (long connection)							04607		

		Up to 1600 A				Up to 3200 A								
In Prisma P sheath		L150				L150						L300	2 x L150	
In SFP/PH sheath		L300 D500/600/800				L300 D500/600/800								-
Pre-slotted copper, 1675 mm long														
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1200 A	1400 A	1800 A	2050 A	2300 A	2820 A	3200 A	3200 A	
	IP > 31	750 A	900 A	1250 A	1600 A	1080 A	1250 A	1600 A	1850 A	2000 A	2500 A	2820 A	2820 A	
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10	
Number of busbars per phase		1		2		1			2					
References		04516	04518	04516	04518	04525	04526	04528	04525	04526	04528	pending	04528	

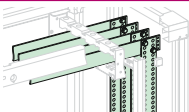
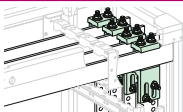
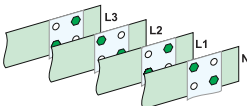
Description

Attach directly to the sheath frame.
3 fixed supports are compulsory to hold the busbar in position.
If more than 3 supports are needed, use support arms (in addition).
The bottom wedge support is used to place the busbar and ensure it is in the correct position.
It does not count as a busbar support.

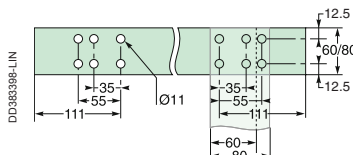
Number of supports depending on I _{cw} (kA rms/1 s)	≤ 15	≤ 25	≤ 30	≤ 40	≤ 50	≤ 60	≤ 65	≤ 75	≤ 85
3	3	3	3	3	3	3	3	3	3
5	5	5	5	5	5	5	5	5	5
7	7	7	7	7	7	7	7	7	7
9	9	9	9	9	9	9	9	9	9
11	11	11	11	11	11	11	11	11	11
13	13	13	13	13	13	13	13	13	13
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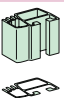
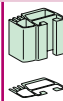
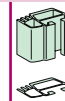
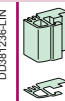
References of supports depending on distance between bars and sheath depth

Connections to the Linergy BS horizontal busbar

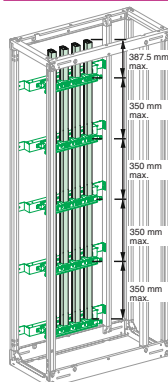
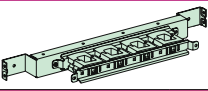
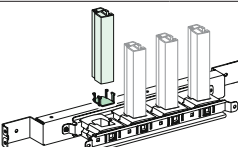
		10E-DD383844-eL-LIN		11E-DD381489-eL-LIN																																	
Characteristics			For a busbar with 75 mm distance between bars, the bars must be completely covered. Staggered assembly points between one bar and the next, to maintain the necessary clearance distances.⁽²⁾ 	References 04636, 04637 are supplied individually: 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.																																	
		DD383399_modifLIN		<table><tr><th colspan="3">1 bar per phase</th><th colspan="4">2 bars per phase</th><th>double busbar</th></tr><tr><th>50 x 10</th><th>60 x 10</th><th>80 x 10</th><th>50 x 10</th><th>60 x 10</th><th>80 x 10</th><th>100 x 10</th><th>80 x 10</th></tr><tr><td>04636</td><td></td><td>04637</td><td colspan="3">04637</td><td>04638</td><td>04636 x 2</td></tr><tr><td colspan="2">04636 + 04642</td><td>04637 + 04642</td><td colspan="3">04637 + 04642</td><td>04638</td><td>(04636 + 04642) x 2</td></tr></table>		1 bar per phase			2 bars per phase				double busbar	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10	04636		04637	04637			04638	04636 x 2	04636 + 04642		04637 + 04642	04637 + 04642			04638	(04636 + 04642) x 2
1 bar per phase			2 bars per phase				double busbar																														
50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10																														
04636		04637	04637			04638	04636 x 2																														
04636 + 04642		04637 + 04642	04637 + 04642			04638	(04636 + 04642) x 2																														
Reference of the connection piece depending on horizontal busbar size	≤ 80 mm	Pending																																			
	> 80 mm	Pending																																			

(2) Drill hole dimensions for 5 mm thick horizontal busbars

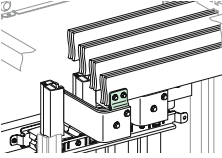
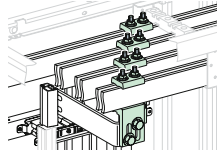


Linery LGY profiles					
	Up to 1600 A				
At the back of a Prisma P cubicle	L650				
At the back of a SFP/PH cubicle	L700				
Linery profile, 1670 mm long	DD381233-LIN	DD381234-LIN	DD381235-LIN	DD381236-LIN	DD381237-LIN
					
	630 A	800 A	1000 A	1250 A	1600 A
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31 IP > 31	680 A 590 A	840 A 760 A	1040 A 950 A	1290 A 1170 A
Number of profiles per phase	1				
References	04502	04503	04504	04505	04506

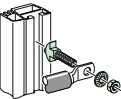
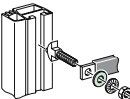
Busbar supports

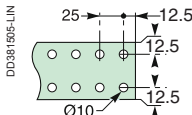
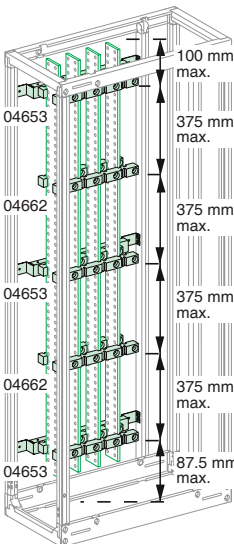
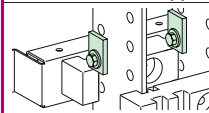
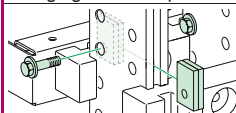
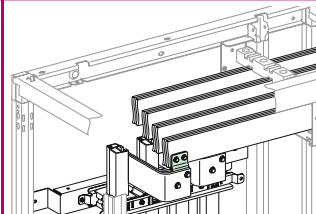
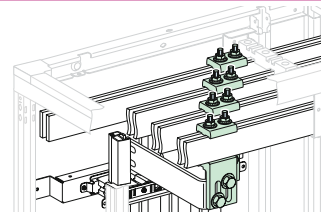
	DD381242-LIN		
	Number	≤ 25	3
	depending on I _{cw} (kA rms/1 s)	≤ 30	4
		≤ 40	5
		≤ 50	7
	Characteristics	DD381243-LIN	An end stop must be fitted on the bottom support 01109 (sold in lots of 12)
			
References	04652		

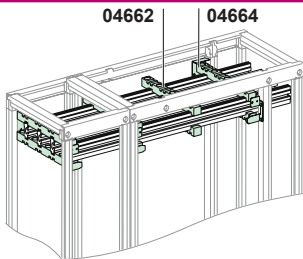
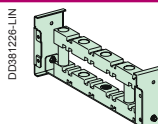
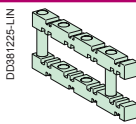
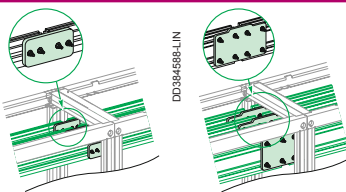
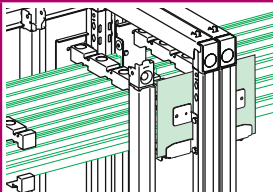
Connections to the Linery BS horizontal flat busbar

	DD381244-LIN		9C-DD381245-ret-LIN	
		04635 connection to 5 mm thick horizontal busbar		04036 connection to 10 mm thick horizontal busbar
Characteristics	Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.			
References according to horizontal busbar size	5 mm thick	04635		
	10 mm thick	04636		
	Width ≤ 80 mm	04636 + 04642		
	Width > 80 mm			

Accessories

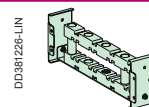
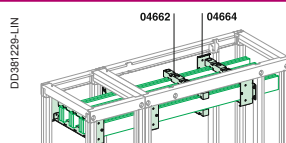
		DD381218-LIN		DD381219-LIN		DD381222-LIN	
		Screw + nut + contact washer		Plain washer		Identification	
Linery screw	Characteristics	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8 The screws slide into the profile and are then locked in the desired position					
	Reference	25 mm wide		04766 (for lug and flexible busbar connection)			
		39 mm wide		04767 (for copper busbar connection)			
Steel plain washers	Characteristics	M8 sold in lots of 20					
	Reference	ext. ø 20 mm		04772			
		ext. ø 24 mm		04773			
		ext. ø 28 mm		04774			
Brass plain washers	Characteristics	M8 sold in lots of 20 for connection of ≤ 25 mm ² lugs to Linery					
	Reference	ext. ø 20 mm		04775			
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels					
	Reference	04794					

Flat busbars				Up to 1600 A			
At the back of a Prisma P cubicle				L650			
At the back of a SFP/PH cubicle				L700		-	L700
Pre-slotted copper, 1670 mm long 							
				800 A	1000 A	1400 A	1800 A
Permissible current for an ambient temperature				800 A	1000 A	1400 A	1800 A
of 35°C around the switchboard				750 A	900 A	1250 A	1600 A
Busbar cross-section (mm)				60 x 5			
Number of busbars per phase				1		2	
References				04516	04518	04516	04518
						04525	04526
							04528
Busbar supports							
							
Characteristics				3 fixed supports ref. 04653 are compulsory to keep the busbar vertical. If more than 3 supports are needed, use support arms ref. 04662 (in addition). Metal shim ref. 04669 (sold in lots of 100), 5 mm thick, is screwed onto the busbar. It rests on a fixed support and is used to wedge the busbar in position.			
				Wedging: 1 busbar/phase			
				Wedging: 2 busbars/phase			
Number				≤ 15	3	3	3
depending				≤ 25	5	3	3
on Icw				≤ 30	5	5	5
(kA rms/1 s)				≤ 40	7	5	5
				≤ 50	7	5	5
				≤ 60		7	5
				≤ 65		7	5
				≤ 75			9
				≤ 85			
References				04653 (fixed) + 04662 (arm) + 04669 (shim)			
Connections to the Linery BS horizontal flat busbar							
							
				04635 connection to horizontal busbar 5 mm thick			
				04636 connection to horizontal busbar 10 mm thick			
Characteristics				For part of the connection, flexible insulated busbars are needed. References 04635 , 04636 are supplied individually = 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.			
References				5 mm thick			
according to				10 mm thick			
horizontal				Width ≤ 80 mm			
busbar size				Width > 80 mm			
				04635			
				04636			
				04636 + 04642			

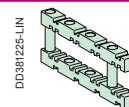
Linergy LGYE profiles																			
Installation in Prisma P and SFP/PH		Up to 1600 A					Up to 4000 A												
Linergy profile, 2000 mm long, supplied with an end stop to wedge the profile in place		DD384638-LIN		DD381226-LIN		DD384638-LIN		DD384639-LIN		DD384640-LIN		DD384641-LIN		DD384642-LIN		DD384643-LIN		DD384644-LIN	
			630 A		800 A		1000 A		1250 A		1600 A		2000 A		2500 A		3200 A		4000 A
Permissible current for an ambient temperature of 35°C			630 A		800 A		1000 A		1250 A		1650 A		2000 A		2440 A		3200 A		3620
around the switchboard			530 A		680 A		850 A		1050 A		1480 A		1650 A		2100 A		2800 A		3350
Number of profiles per phase			1										3				4		
Total number of vertical modules (50 mm)			3										3				4		
References			04560		04561		04562		04563		04564		04565		04566		04567		04568
Busbar supports																			
		04662	04664																
		Fixed support					Support arm												
		04664					04662												
Characteristics		2 fixed supports for 650 to 800 wide frame and 1 fixed support for 300 or 400 wide frame (2 when the busbar is at the bottom) are compulsory. If more supports are needed, add support arms if necessary.																	
Busbar supports 75 mm distance between	Number of supports depending on I _{cw} (kA rms/1 s)	≤ 15	2					2											
		≤ 25	2					2											
		≤ 30	2					2											
		≤ 40	-					2											
		≤ 50	-					2											
		≤ 60	-					3											
		≤ 65	-					3											
		≤ 75	-					3											
		≤ 85	-					3											
		≤ 100	-					-											
References	Fixed support	04664					04664 + 04671 (fixings)					04664 + 04646 (sold in lots of 12 spacers)							
References	Support arm	04662					04662 + 04671 (fixings)					04662 + 04646 (sold in lots of 12 spacers)							
Joining																			
		DD384635-LIN	04620	DD384689-LIN	04623														
		04620 04623					04624												
References		3x 04620 (3P) 4x 04620 + 04624 (4P)					3x 04621 (3P) 4x 04621 + 04624 (4P)					3x 04623 (3P) 4x 04623 + 04624 (4P)							
Note		Reference 04624 is compulsory when installing jointed Linergy LGYE 4P busbars and must be fitted where the frames meet. When installed at the bottom of a cubicle, the busbar must be partitioned.																	

Flat busbars										
Installation in Prisma P and SFP/FH		Up to 1600 A				Up to 4000 A				
Solid copper, 2000 mm long										
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1800 A	2050 A	2300 A	2820 A	3300 A
	IP > 31	750 A	900 A	1250 A	1600 A	1600 A	1850 A	2000 A	2500 A	2900 A
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10
Number of busbars per phase		1	1	2	2	1	2	2	2	2
Total number of vertical modules (50 mm)		3								
References		04536	04538	04536	04538	04548	04545	04546	04548	04550

Busbar supports



Fixed support 04664

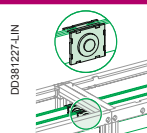


Support arm 04662

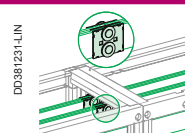
In cubicle: Prisma P L650 or L650+150 or SFP L700/PH D500/600/800 with 75 mm distance between bars	Number of supports depending on lcw (kA rms/1 s)	≤ 15	2		2					
		≤ 25	3	2		2				
		≤ 30	3		2	2				
		≤ 40	3			2				
		≤ 50	-	3		3		2		
		≤ 60	-			3			2	
		≤ 65	-			3				
		≤ 75	-			4	3			
		≤ 85	-			-		3		
	References	Fixed support	04664			04664			04664 + 04671 (fixings)	
In sheath: Prisma P L400 with 75 mm distance between bars	Number of supports depending on lcw (kA rms/1 s)	≤ 25	1		1					
		≤ 40	2		1					
		≤ 50	2		2					
		≤ 85	-		2					
	References	Fixed support	04664			04664			04664 + 04671 (fixings)	
		Support arm	04662			04662			04662 + 04671 (fixings)	
In sheath: Prisma P L300 or SFP L300/PH with 75 mm distance between bars	Number depending on lcw (kA rms/1 s)	≤ 30	1		1					
		≤ 50	2		1					
		≤ 85	-		2					
	References	Fixed support	04664 (Prisma P) or NSYBHS500 (SFP D500) or NSYBHS600 (SFP D600) or NSYBHS800 (SFP D800)			04664 (Prisma P) or NSYBHS500 (SFP D500) or NSYBHS600 (SFP D600) or NSYBHS800 (SFP D800)			04664 (Prisma P) or NSYBHS500 (SFP D500) or NSYBHS600 (SFP D600) or NSYBHS800 (SFP D800) + 04671 (fixings)	
		Support arm	04662			04662			04662 + 04671 (fixings)	
In SFP cubicle L700 with 115 mm distance between bars	Number depending on lcw (kA rms/1 s)	≤ 30	-		2					
		≤ 40			3		2			
		≤ 60			3					
		≤ 75			4		3			
		≤ 85			-	4	3			
	References	Fixed support			NSYBHS800L				NSYBHS800L + 04671 (fixings)	
		Support arm			04678				04678 + 04671 (fixings)	
In SFP L300 sheath with 115 mm distance between bars	Characteristics		2 fixed supports for 700 wide frame and 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add support arms.							
	Number depending on lcw	≤ 50	-		1					
		≤ 85			2					
	References	Fixed support			NSYBHS800L				NSYBHS800L + 04671 (fixings)	
		Support arm			04678				04678 + 04671 (fixings)	

Joining

Sliding joints with self-breaking lock nut



04640



04641

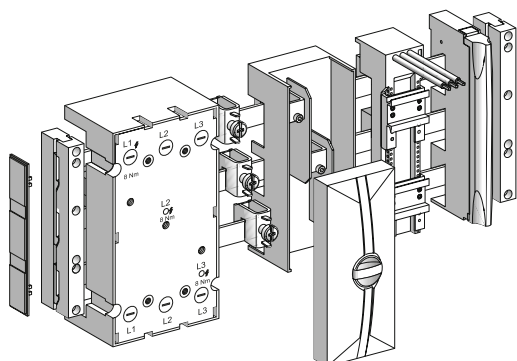
References (1 joint per phase)	04640	04641	04640	04641	04641	04640	04641		04643
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Note

When installed at the bottom of a cubicle, the busbar must be partitioned.

IEC 60439-1 & UL845

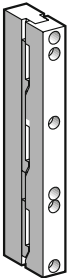
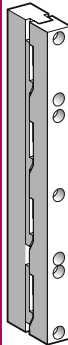
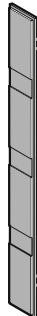
DB403874-LIN



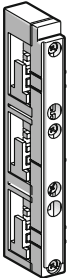
Description

This mounting plate system for busbars simplifies the installation of motor feeder components used in your electrical installations. Power distribution is performed by a busbar. The mounting plates are fitted directly on this busbar, by snap-on mounting, thus implementing electrical distribution.

IEC busbar supports and accessories

Number of poles	3		4	
				
	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131
	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	End covers for 3-pole busbar support	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	End covers for 4-pole busbar support (5 left, 5 right)
Set of	10	10	10	10
References	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131

UL busbar supports and accessories

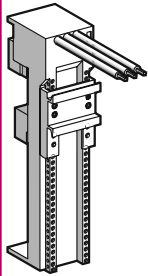
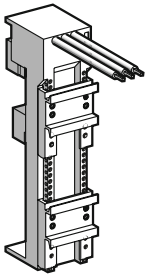
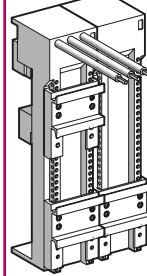
Number of poles	3		
			
	LA9ZX01508		LA9ZX01573
	For 12, 20, 30 x 5/10 mm busbars	Base plate 240 x 700	End covers for busbar support
Set of	10	2	10
References	LA9ZX01508	LA9ZX01515	LA9ZX01573

Technical data

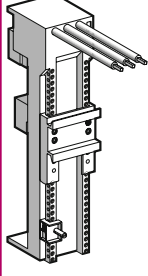
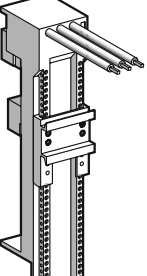
General characteristics								
LA9ZX01495 and LA9ZX01485 (IEC)								
Compatibility of bar dimensions	12 x 5 mm	15 x 5 mm	20 x 5 mm	25 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm
Rated operational current at 40° (I _e)	200 A	250	320	400	450	360	520	630
Rated peak withstand current (I _{pk})	30 kA	30 kA	30 kA	30 kA	45 kA	35 kA	35 kA	53 kA
Distance max. between 2 busbars supports	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm
Degree of protection	IP20 (with cover LA9ZX01244 or LA9ZX01245)							
Thermal resistance	125°C							
Rated current frequency	50/60 Hz							
Rated insulation voltage	690 V							
Rated operating voltage	690 V							

LA9ZX01508 (UL)							
Compatibility of bar dimensions	12 x 5 mm	20 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm	
Rated operational current at 40° (I _e)	150 A	362 A	500 A	300 A	564 A	630 A	
I _{rms} surge current	18 kA	18 kA	22 - 25 kA	18 kA	18 kA	22 - 25 kA	
SCCR (protected by Compact NSX circuit breaker)	250 A 480 V AC	65 kA	-	65 kA	-	-	
	250 A 600 V AC	25 kA	-	25 kA	-	-	
	400 A 480 V AC	-	65 kA	65 kA	-	65 kA	65 kA
	400 A 600 V AC	-	35 kA	35 kA	-	35 kA	35 kA
	500 A 480 V AC	-	-	65 kA	-	-	65 kA
	600 A 600 V AC	-	-	35 kA	-	-	
	600 A 480 V AC	-	-	50 kA	-	-	50 kA
	600 A 600 V AC	-	-	25 kA	-	-	25 kA
SCCR (protected by fuses Class J or T, etc.)	400 A 480 V AC	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA
	500 A 480 V AC	-	-	100 kA	-	-	100 kA
	500 A 600 V AC	-	-	100 kA	-	-	100 kA
Max. distance between 2 busbar supports (busbar protected)	400 mm	800 mm	800 mm	400 mm	800 mm	800 mm	
Degree of protection	IP20 (with cover LA9ZX01244 or LA9ZX01245)						
Thermal resistance	125°C						
Rated current frequency	50/60 Hz						
Rated operating voltage	600 V						

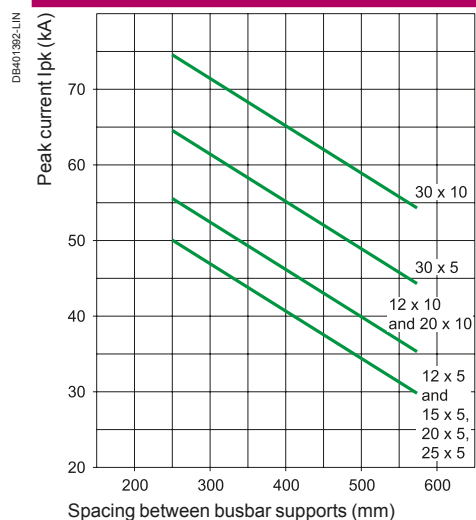
For TeSys GV2 motor circuit breakers

	 	 	 	
	LA9ZA32443, LA9ZA32621		LA9ZA32434, LA9ZA32442	
	Mounting plate, 1-way		Mounting plate, 2-way	
Operating current AC-3 440 V	25 A		32 A	
Protection by motor circuit breaker	GV2 ME GV2 P GV2 LE		GV2 ME GV2 P GV2 LE	
For contactor	LC1 D LC1 K LP4 K06-K12		LC1 D LC1 K LP4 K06-K12	
Dimensions (L x H x W) (mm)	45 x 200 x 63		90 x 200 x 63	
Set of	4		2	
References	LA9ZA32621		LA9ZA32622	
	LA9ZA32434 LA9ZA32442 LA9ZA32443		LA9ZA32623	

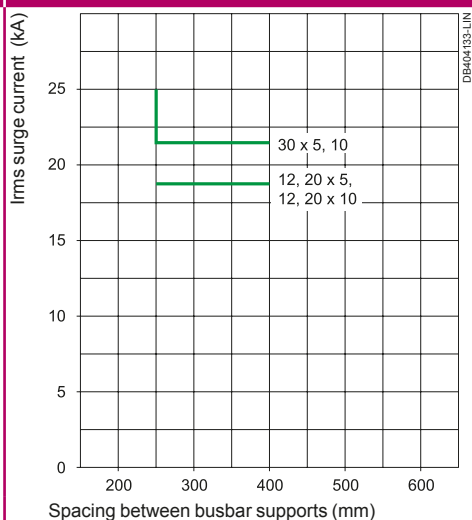
TeSys U starter-controllers

	 	 
	LA9ZA32427	LA9ZA32428
	Mounting plate, 1-way	Mounting plate, 2-way
Operating current AC-3 440 V	32 A	32 A
Protection by power base	LUB12, LUB32	LUB12, LUB32
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 200 x 63
Set of	4	4
References	LA9ZA32427	LA9ZA32428

Determining the spacing between busbar supports (LA9ZX01495 and LA9ZX01485), according to IEC 60439-1⁽¹⁾

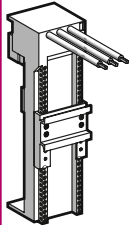
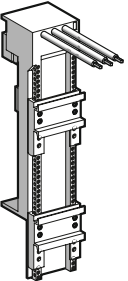
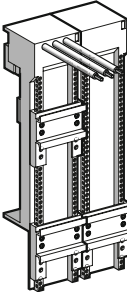


Short-circuit withstand diagram according to UL845 (LA9ZX01508)

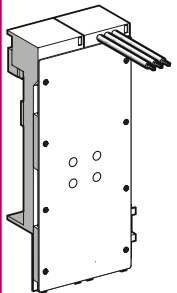


(1) Depending on the short-circuit current.

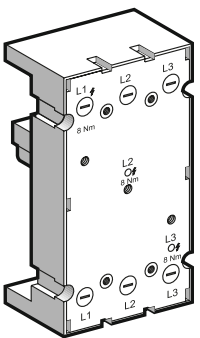
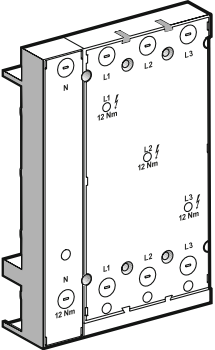
For TeSys GV3 motor circuit breakers

			
	LA9ZA32624	LA9ZA32625	LA9ZA32626
	Mounting plate, 1-way		Mounting plate, 2-way
Operating current AC-3 440 V	63 A		25 A
Protection by power base	GV3 P		GV3 P
For contactor	-		LC1 D40A...65 A
Dimensions (L x H x W) (mm)	54 x 200 x 63		117 x 260 x 63
Set of	4		2
References	LA9ZA32624		LA9ZA32626

For TeSys integral contactor-circuit breakers | For TeSys GV7 motor circuit breakers

		
	LA9ZA32627	
	Mounting plate, 1-way	
Operating current AC-3 440 V	63 A	80 A
Protection by contactor-circuit breaker	LD1, LD4 LD<	GV7
Dimensions (L x H x W) (mm)	108 x 260 x 63	104 x 190 x 63
Set of	1	1
References	LA9ZA32627	LV429372

For Compact NSX circuit breakers

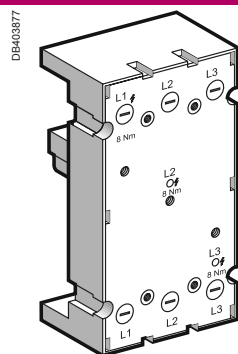
		
	LV432623	LV432624
	Mounting plate for 3P circuit breakers	Mounting plate for 4P circuit breakers
Rated operational current at 40° (Ie)	100-250 A	400-630 A
Dimensions (L x H x W) (mm)	104 x 190 x 63	139 x 270 x 63
Set of	1	1
References	LV429372	LV432623
		Mounting plate for 3P circuit breakers
		Mounting plate for 4P circuit breakers
		139 x 270 x 63
		1
		LV432624

Technical data

Characteristics of busbar mounting plates					
Type of mounting plate	LA9ZA32621 LA9ZA32622	LA9ZA32427 LA9ZA32428 LA9ZA32434 LA9ZA32623 LA9ZA32442 LA9ZA32443	LA9ZA32624 LA9ZA32625 LA9ZA32626 LA9ZA32627	LV429372 LV429373	LV432623 LV432624
Degree of protection as per IEC 60529 (IP)	20				
Rated insulation voltage	690 V				
Permissible current	25 A	32 A	63 A	80 A - 100 A - 250 A	400 A-630 A
Peak rated current	50 kA	50 kA ⁽¹⁾	50 kA	50 kA	50 kA
SCCR (UL) with Compact NSX circuit breaker protection (mm ²)	The cascading reinforced breaking capacity when combining circuit breakers is maintained				
Conductor cross section (colour: black)	4 mm ²	6 mm ²	10 mm ²	-	
Type of conductor insulating material (PVC)	12 AWG	10 AWG	8 AWG	-	
Type of conductor insulating material (PVC)	105°				

(1) 35 kA with LUB12 for LA9ZA32427 and LA9ZA32428.

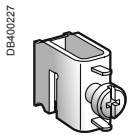
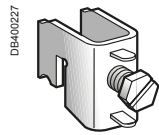
For PowerPact 3P circuit breakers



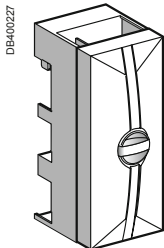
LA9ZA32600

	Mounting plate for H frame circuit breakers	Mounting plate for J frame circuit breakers	Mounting plate for L frame circuit breakers
Rated operational current at 40° (Ie)	60-100-150 A	250 A	250-400-600 A
Dimensions (L x H x W) (mm)	104 x 190 x 63	104 x 190 x 63	139 x 270 x 63
Set of	1	1	1
References	LA9ZA32600	LV429372	LV432623

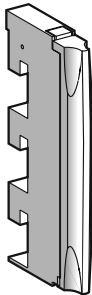
Terminals

Number of poles	1P		
	 LA9ZX01285	 LA9ZX01287	
	For flat bars, 5 mm		3P cover, width 84 mm
Rated operational current at 40° (Ie)	270 A	400 A	
Supply at incoming terminals	4 - 35 mm ²	16 - 70 mm ²	
Set of	50	25	10
References	LA9ZX01285	LA9ZX01287	LA9ZX01413

Terminals on mounting plate

Number of poles		3P
	DB40027 	
	LA9ZX01243	
	On mounting plate + cover, for 12 x 5 to 30 x 10 busbars	
Rated operational current at 40° (Ie)	(1e)	440 A
Supply at incoming terminals		35 - 120 mm²
Set of		1
References		LA9ZX01243

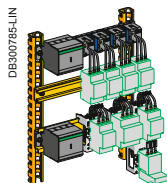
Connection module

Number of poles	3P
	DB400227 
	LA9ZX01563
	Spring terminal connection + cover, for busbars of 12 x 5 to 30 x 10
Rated operational current at 40° (Ie)	80 A
Supply at incoming terminals	1.5 - 16 mm²
Set of	8
References	LA9ZX01563

Technical data

Connection by connectors								
	LA9ZX01285		LA9ZX01287		LA9ZX01243		LA9ZX01563	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Flexible wire	4 mm ²	35 mm ²	16 mm ²	70 mm ²	35 mm ²	120 mm ²	1.5 mm ²	16 mm ²
Multi-core wire	4 mm ²	35 mm ²	16 mm ²	70 mm ²	35 mm ²	120 mm ²	1.5 mm ²	16 mm ²
Rigid wire	4 mm ²	35 mm ²	-	-	-	-	1.5 mm ²	16 mm ²
Tightening torque	... x 5 N.m Supplied without cover		... x 5 N.m Supplied without cover		... x 5-10 N.m		... x 5-10 N.m	





Linergy HK

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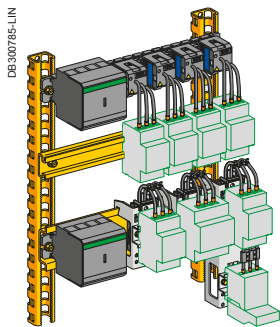
Hot plug pre-assembled busbar systems

68

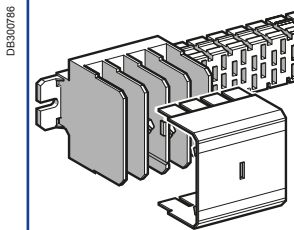
IEC 60439

Description

The assembly of automated control and distribution panels requires the use of products that are not only safe, but also simple and quick to mount and wire up. These pre-assembled busbar systems meet all these criteria.



Busbar systems



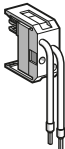
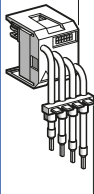
Number of conductors	4					
Number of tap-offs at 18 mm intervals	12	18	24	30	48	54
Length (mm)	344	452	560	668	992	1100
Suitable for mounting in enclosure width (mm)	600	800	800	800	1200	1200
References	AK5 JB143	AK5 JB144	AK5 JB145	AK5 JB146	AK5 JB149	AK5 JB1410

Technical data

Busbar system characteristics								
Product certifications		UL, CSA, DNV, LROS						
Degree of protection		Against access to live parts	IPxxB conforming to IEC 60529					
Flame resistance		Conforming to IEC 60695	850°C (incandescent wire)					
		Conforming to standard UL 94	V0					
Number of conductors		AK5 JB14p	4					
Supply current		~						
Rated operational current	(Ie)	Ambient temperature 35°C	160 A					
		K coefficient to be applied according to the ambient temperature	35°C	40°C	45°C	50°C	55°C	60°C
			1 K	0.96 K	0.92 K	0.88 K	0.83 K	0.78 K
Rated insulation voltage	(Ui)	Conforming to IEC 60439-1	690 V					
		Conforming to UL and CSA	600 V					
Operational voltage	(Ue)	Off-load plugging-in and unplugging, with power on						
		Conforming to IEC 60439-1	400 V					
		Conforming to UL, CSA	480 V					
		Plugging-in and unplugging, with power off						
		Conforming to IEC 60439-1	690 V					
		Conforming to UL, CSA	600 V					
Maximum permissible peak current		25 kA						
Maximum let-through energy (I²t)		1 x 10 ⁷ A²s						
Rated operational frequency		50 Hz or 60 Hz						
Upstream short-circuit ⁽¹⁾ and overload protection	Type of protection	Schneider Electric circuit-breaker			Fuses			
		NSX 160 N	NSX 160 H	aM	gF			
	Rating	160 A	160 A	160 A	160 A			
	Prospective short-circuit current	36 kA	70 kA	100 kA	100 kA			
	Operational current	160	160	160	160			
Supply incoming terminals		Maximum c.s.a.			Minimum c.s.a.			
	Flexible cable with cable end	70 mm²			2.5			
	Solid cable	70 mm²			2.5			
	Tightening torque	10 Nm						
Installation	Horizontal or vertical ⁽²⁾	Fixing with screws provided						

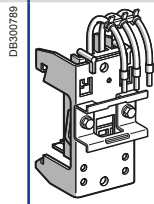
(1) For conditions where conditional short-circuit current exceeds 25 kA.

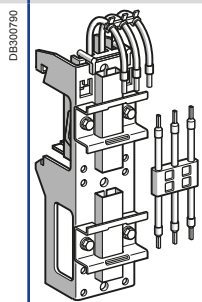
(2) Using side stop **AK5 BT01** on mounting plates **AK5 PA**.

	Omega rail, width 75 mm	Removable power sockets				
	DB300787  AK5PC12	DB300788-LIN  AK5GF1				
Number of poles		Single-phase + Neutral		2-phase		
Material and surface treatment	2 mm sheet steel					
Number of points used on the busbar system		1		1		
Rated operational current at 40° (Ie)		16 A	32 A	16 A	32 A	
Length (mm)	2000 ⁽¹⁾	200	1000	200	1000	
Depth (mm)	15					
Set of	6	6 ⁽²⁾	6 ⁽²⁾	6 ⁽³⁾	6 ⁽³⁾	
References	AM1DL201	AK5PC12	AK5PC32L	AK5PC12PH	AK5PC32LPH	

(1) Cut and drill to suit use. (2) Total of 6 sockets supplied: 2 sockets (N + L1), 2 sockets (N + L2), 2 sockets (N + L3).

(3) Total of 6 sockets supplied: 2 sockets (L1 + L2), 2 sockets (L1 + L3), 2 sockets (L2 + L3).

	Component mounting plates incorporating tap-off				
	Single plate (height 105 mm)				
	 AK5PA231				
Number of poles	Single-phase + Neutral			2-phase	
No. of 18 mm points used on the busbar system	3			3	
Rated operational current at 40° (Ie)	25 A	25 A	25 A	25 A	
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2	
Number of L rails for component support	1	1	1	1	
References	AK5PA211N1	AK5PA211N2	AK5PA211N3	AK5PA211PH12	

	Component mounting plates incorporating tap-off					
	Double plate (height 190 mm)					
	 AK5PA232					
Number of poles	Single-phase + Neutral			2-phase		
No. of 18 mm points used on the busbar system	3			3		
Rated operational current at 40° (Ie)	25 A	25 A	25 A	25 A	25 A	25 A
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2	Ph1+Ph3	Ph2+Ph3
Number of L rails for component support	2	2	2	2	2	2
References	AK5PA212N1	AK5PA212N2	AK5PA212N3	AK5PA212PH12	AK5PA212PH13	AK5PA212PH23

3-phase			3-phase + Neutral			3-phase + Common	
2			2			2	
16 A	32 A		16 A	32 A		16 A (10 Common)	32 A (10 Common)
200	250	1000	200	250	1000	200	250
6	6	6	6	6	6	6	6
AK5PC13	AK5PC33	AK5PC33L	AK5PC14	AK5PC34	AK5PC34L	AK5PC131	AK5PC331

		3-phase	3-phase + Common	3-phase + Neutral
25 A	25 A	3	3	3
Ph1+Ph3	Ph2+Ph3	25 A	25 A	25 A
-	-	-	-	-
1	1	1	1	1
AK5PA211PH13	AK5PA211PH23	AK5PA231	AK5PA2311	AK5PA241

3-phase			3-phase + Neutral	3-phase + Common			3-phase + Neutral
3	6		3	3	6		6
25 A	25 A	50 A	25 A	25 A (10 Common)	25 A (10 Common)	50 A (10 Common)	50 A
-	-		-	-	-		-
2	2	1	2	2	2	1	1
AK5PA232	AK5PA232S	AK5PA532	AK5PA242	AK5PA2312	AK5PA2312S	AK5PA5312	AK5PA542



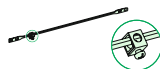
PB602081



Linergy TR 74

Selection guide: Screw terminal blocks	74
Selection guide: Spring terminal blocks	100
Selection guide: Push-in terminal blocks	124
Hybrid terminal blocks	136
Accessories	138
Marking accessories	140

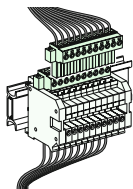
DD381516-LIN



Linergy TB 146

Earth bars	146
PE conductors	147

DD380867-LIN



Linergy TA 148

Auxiliary connections	148
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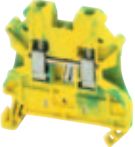
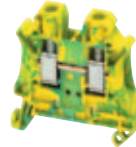
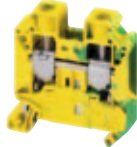
		Passthrough				
		Passthrough				
						
Nominal c.s.a (mm²)		2.5	4	6	10 & 16	35 to 70
Number of poles	1 - 1 x 1	NSYTRV22	NSYTRV42	NSYTRV62	NSYTRV102 NSYTRV162	NSYTRV352 NSYTRV502 NSYTRV702
	2 - 1 x 1	-	-	-	-	-
	3 - 1 x 1	-	-	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	-	-	-	-	-
	1 - 2 x 2	-	-	-	-	-
Colours	With LED	-	-	-	-	-
	Grey	■	■	■	■	■
	Blue	NSYTRV22BL	NSYTRV42BL	NSYTRV62BL	NSYTRV102BL NSYTRV162BL	NSYTRV352BL NSYTRV502BL NSYTRV702BL
	Green/yellow (PE)	-	-	-	-	-
	Orange	NSYTRV22AR	NSYTRV42AR	-	-	-
	Red	NSYTRV22RD	NSYTRV42RD	-	-	-
	Green	-	NSYTRV42GN	-	-	-
	White	NSYTRV22WH	NSYTRV42WH	-	-	-
	Black	-	NSYTRV42BK	-	-	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages		78	79	79	79	80

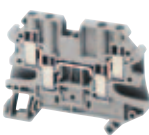
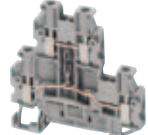
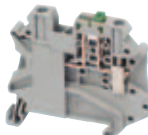
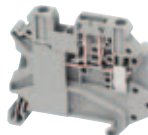
PB502410-70



Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.

Lug-lug Lug-connector		Protective earth			
PB502199		PB502174		PB502176	
PB502175		PB502185			
95 & 150		2.5	4	6 & 10	16 to 50
NSYTRV952BB		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE	NSYTRV162PE
NSYTRV952BC				NSYTRV102PE	NSYTRV352PE
NSYTRV1502BB					NSYTRV502PE
-		-	-	-	-
-		-	-	-	-
-		-	-	-	-
-		-	-	-	-
-		-	NSYTRV43PE	-	-
-		-	NSYTRV44PE	-	-
-		-	-	-	-
■		-	-	-	-
-		-	-	-	-
-		■	■	■	■
-		-	-	-	-
-		-	-	-	-
-		-	-	-	-
-		-	-	-	-
-		-	-	-	-
■		■	■	■	■
■		■	■	■	■
-		-	-	-	-
-		-	-	-	-
81		82	82	82/83	83

		Double deck		Disconnect		
		Multi-pole	Double deck	Blade	Fused	Removable carrier
						
Nominal c.s.a (mm²)		2.5 & 4	2.5 & 4	2.5 & 4	4 & 16	2.5 & 4
Number of poles	1 - 1 x 1	-	-	NSYTRV22SC NSYTRV22ST NSYTRV42SC NSYTRV42ST	NSYTRV42SF5 NSYTRV42SF6 NSYTRV162SF	NSYTRV22TB NSYTRV42TB
	2 - 1 x 1	-	NSYTRV24D NSYTRV44D	NSYTRV42SCD NSYTRV44SCD	-	-
	3 - 1 x 1	-	NSYTRV26T	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	NSYTRV23 NSYTRV43	-	-	-	-
	1 - 2 x 2	NSYTRV24 NSYTRV44	NSYTRV26TC	-	-	-
	With LED	-	-	-	NSYTRV42SF5LD NSYTRV42SF6LD	-
Colours	Grey	■	■	■	-	■
	Blue	NSYTRV23BL NSYTRV24BL NSYTRV43BL NSYTRV44BL	NSYTRV24DBL NSYTRV44DBL NSYTRV26TBL	■	-	-
	Green/yellow (PE)	NSYTRV23PE NSYTRV24PE NSYTRV43PE NSYTRV44PE	NSYTRV24DPE NSYTRV44DPE	-	-	-
	Orange	-	-	NSYTRV42STAR	-	-
	Red	-	-	-	-	-
	Green	-	-	-	-	-
	White	-	-	-	-	-
	Black	-	-	-	■	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages		84/85/88/89	85/86	90/91	92	91

PB502411-50



Flexible plug-in bridge system

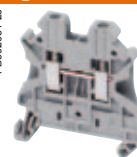
The **NSYTRAL*** plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between nonadjacent terminal blocks possible.

The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal connected to an **NSYTRV22** terminal. This way the power distribution terminal blocks can be quickly setup.

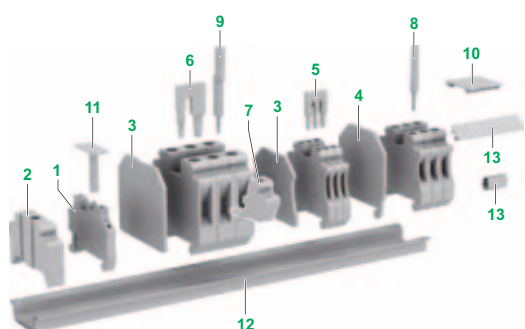
	Measuring	For neutral conductors	Miniature	DB6		
			Passthrough	With Telequick universal foot		
PE602208 	PE602221 	PE602751-20 	PE601874-18 			
6	4 to 10	2.5 & 4	4	6	35	
NSYTRV62TTD	NSYTRV42NE NSYTRV62NE	NSYTRV22M NSYTRV42M	-	-	DB6FD01	
-	-	-	DB6CD102	DB6DD102	-	
-	-	-	-	DB6DD103	-	
-	-	-	DB6CD105	-	-	
-	-	-	DB6CD110	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
■	-	■	■	■	■	
-	■	NSYTRV22MBL NSYTRV42MBL	-	-	-	
NSYTRV62TTPE	-	NSYTRV22MPE NSYTRV42MPE	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
■	■	-	■	■	■	
■	■	-	■	■	■	
-	-	-	■	■	■	
-	-	■	-	-	-	
94/95	96	98/99	-	-	-	

Screw terminal blocks - Passthrough

PB502081-20



		NSYTRV22	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		1000 V, 32 A	
Dimensions (mm)			
	Length	47.7	
	Height	47.5	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.14 - 4	
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	1000 V, 24 A	
	UL	600 V, 20 A, 26 - 12 AWG	
	CSA	600 V, 20 A, 26 - 12 AWG	
	ATEX ⚡	690 V, 22 A	
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
Terminal blocks			
	Grey	Sold in lots of	Unit reference
	Blue	50	NSYTRV22
	Orange	50	NSYTRV22BL
	Red	50	NSYTRV22AR
	Green	50	NSYTRV22RD
	White	-	-
	Black	50	NSYTRV22WH
	Brown	-	-
	Yellow	-	-
	Accessories		
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate width 2.2 mm	Grey	50	NSYTRAC22
	Blue	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22
	Blue	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
	Blue	10-pole	10
Grey	10-pole	10	NSYTRAL210GR
Step-down bridge, down to 2.5/4 mm²	Screw to screw terminal	-	-
	Screw to spring terminal	-	-
Vertical bridge	1-pole	-	-
Pick-off terminal	Grey	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	9	
	Screw thread	M3	
	Torque (Nm)	0.5 - 0.6	



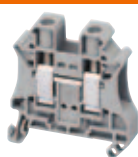
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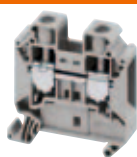
PG602173-20



PG602173-20



PG602189-20



NSYTRV42	NSYTRV62	NSYTRV102	NSYTRV162
4 mm ²	6 mm ²	10 mm ²	16 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey	Grey	Grey
1000 V, 41 A	1000 V, 57 A	1000 V, 76 A	1000 V, 101 A
47.7	47.7	47.7	55.5
47.5	47.5	47.5	55
6.2	8.2	10.2	12.2
4	6	10	16
0.14 - 6	0.2 - 10	0.5 - 16	1.5 - 25
0.14 - 6	0.2 - 10	0.5 - 16	1.5 - 25

1000 V, 32 A	1000 V, 41 A	1000 V, 57 A	1000 V, 76 A
600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG
600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG
690 V, 30 A	690 V, 40 A	690 V, 54 A	690 V, 73 A
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV42	50	NSYTRV62	50	NSYTRV102	50	NSYTRV162
50	NSYTRV42BL	50	NSYTRV62BL	50	NSYTRV102BL	50	NSYTRV162BL
50	NSYTRV42AR	-	-	-	-	-	-
50	NSYTRV42RD	-	-	-	-	-	-
-	NSYTRV42GN	-	-	-	-	-	-
50	NSYTRV42WH	-	-	-	-	-	-
-	NSYTRV42BK	-	-	-	-	-	-
-	NSYTRV42BR	-	-	-	-	-	-
-	NSYTRV42YE	-	-	-	-	-	-

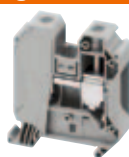
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC162
50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL	-	-
50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22	-	-
50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL	-	-
50	NSYTRAL42	10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162
50	NSYTRAL43	10	NSYTRAL63	-	-	-	-
50	NSYTRAL44	-	-	-	-	-	-
50	NSYTRAL45	10	NSYTRAL65	-	-	-	-
10	NSYTRAL410	10	NSYTRAL610	-	-	-	-
10	NSYTRAL420	-	-	-	-	-	-
10	NSYTRAL410BL	10	NSYTRAL610BL	-	-	-	-
10	NSYTRAL410GR	10	NSYTRAL610GR	-	-	-	-
-	-	10	NSYTRALV62	10	NSYTRALV102	10	NSYTRALV162
-	-	10	NSYTRALVR62	10	NSYTRALVR102	10	NSYTRALVR162
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	NSYTRAPT16
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	-	-	-	-
10	NSYTRACS4	10	NSYTRACS6	10	NSYTRACS10	10	NSYTRACS16
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

9	10	10	14
M3	M4	M4	M5
0.6 - 0.8	1.5 - 1.8	1.5 - 1.8	2.5 - 3

*Screw bridge

Screw terminal blocks - Passthrough

PB502190-20



PB502194-20



PB502311-20



		NSYTRV352	NSYTRV502	NSYTRV702			
Nominal c.s.a.		35 mm²	50 mm²	70 mm²			
	Type of block	Passthrough	Passthrough	Passthrough			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Grey	Grey	Grey			
Max. electric values (Umax, Imax)		1000 V, 125 A	1000 V, 150 A	1000 V, 192 A			
Dimensions (mm)							
	Length	60.2	70.5	70.5			
	Height	65.7	83.5	87.5			
	Width	16	20	20.3			
Cabling c.s.a. (mm²)		35	50	70			
	Flexible cable	1.5 - 50	25 - 70	25 - 70			
	Solid cable	1.5 - 50	16 - 70	16 - 95			
Nominal electric values							
	IEC/EN 60947-7-1	1000 V, 125 A	1000 V, 150 A	1000 V, 192 A			
	UL	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG	600 V, 192 A, 4 - 3/0 AWG			
	CSA	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG	600 V, 192 A, 4 - 3/0 AWG			
	ATEX 	690 V, 126 A	690 V, 137 A	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, DNV, EAC			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV352	10	NSYTRV502	10	NSYTRV702
	Blue	50	NSYTRV352BL	10	NSYTRV502BL	10	NSYTRV702BL
	Orange	-	-	-	-	-	-
	Red	-	-	-	-	-	-
	Green	-	-	-	-	-	-
	White	-	-	-	-	-	-
	Black	-	-	-	-	-	-
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	-	Included	-	Included	-	Included
width 2.2 mm	Blue	-	-	-	-	-	-
Partition plate,	Grey	-	-	-	-	-	-
width 2 mm	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	10	NSYTRAL352	10	NSYTRAL502 *	-	-
Red	3-pole	-	-	10	NSYTRAL503 *	-	-
	4-pole	-	-	-	-	-	-
	5-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
	20-pole	-	-	-	-	-	-
Blue	10-pole	-	-	-	-	-	-
Grey	10-pole	-	-	-	-	-	-
Screw bridge	2-pole	-	-	-	-	10	NSYTRAL702
Step-down bridge,	Screw to screw terminal	10	NSYTRALV352	-	-	-	-
down to 2.5/4 mm²	Screw to spring terminal	10	NSYTRALVR352	-	-	-	-
Vertical bridge	1-pole	-	-	-	-	-	-
Pick-off terminal	Grey	10	NSYTRAPT35	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-
Warning label	Yellow	10	NSYTRACS35	-	-	-	-
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	18	24	24			
	Screw thread	M6	M6	M8			
	Torque (Nm)	3.2 - 3.7	6 - 8	08 - 10			

*Screw bridge

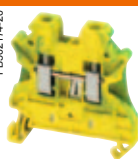
Screw terminal blocks - High current



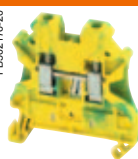
		NSYTRV952BB	NSYTRV952BC	NSYTRV1502BB			
Nominal c.s.a.		95 mm²	95 mm²	150 mm²			
	Type of block	Passthrough - lug to lug	Passthrough - lug to connector	Passthrough - lug to lug			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Color	Grey	Grey	Grey			
Max. electric values		1000 V, 232 A	1000 V, 232 A	1000 V, 309 A			
Dimensions (mm)							
	Length	110	114	119			
	Height	56	86	100			
	Width	40	40	46			
Cabling c.s.a. (mm²)		95	95	150			
	Flexible cable	35 - 95	35 - 95	50 - 150			
	Solid cable	25 - 95	25 - 95	35 - 150			
Nominal electric values							
	IEC/EN 60947-7-1	1000 V, 232 A	1000 V, 232 A	1000 V, 309 A			
	UL	600 V, 230 A, 2 - 4/0 AWG	600 V, 230 A, 2 - 4/0 AWG	600 V, 285 A, 2 - 300 AWG/kcmil			
	CSA	600 V, 230 A, 2 - 4/0 AWG	600 V, 230 A, 2 - 4/0 AWG	600 V, 285 A, 2 - 300 AWG/kcmil			
	ATEX ⚡	-	-	-			
Certifications		UL, CSA, GL, EAC	UL, CSA, GL, EAC	UL, CSA, GL			
Terminal blocks							
	Grey	Sold in lots of 10	Unit reference NSYTRV952BB	Sold in lots of 10	Unit reference NSYTRV952BC	Sold in lots of 10	Unit reference NSYTRV1502BB
	Blue	-	-	-	-	-	-
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate	Grey	-	-	-	-	-	-
Partition plate	Grey	10	NSYTRAC952	10	NSYTRAC952	10	NSYTRAC952
Screw bridge	2-pole	10	NSYTRAL952	10	NSYTRAL952	10	NSYTRAL1502
	3-pole	-	-	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-
Cover	Grey	10	NSYTRACP1	10	NSYTRACP1	10	NSYTRACP2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	29	29	29			
	Screw thread	M12	M8 / M12	M12			
	Torque (Nm)	25 - 30	15 - 20 / 25 - 30	25 - 30			

Screw terminal blocks - Protective earth

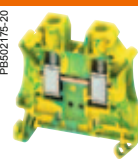
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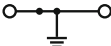


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PB502/75-20

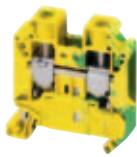


		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE			
Nominal c.s.a.		2.5 mm²	4 mm²	6 mm²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
Dimensions (mm)							
Cabling c.s.a. (mm²)	Length	47.7	47.7	47.7			
	Height	47.5	47.5	47.5			
	Width	5.2	6.2	8.2			
		2.5	4	6			
	Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 4	0.14 - 6	0.2 - 10			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	CSA	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC			
Terminal blocks							
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRV22PE	Sold in lots of 50	Unit reference NSYTRV42PE	Sold in lots of 50	Unit reference NSYTRV62PE
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
width 2.2 mm	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate,	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
width 2 mm	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	10	NSYTRAL65
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	9	9	10			
	Screw thread	M3	M3	M4			
	Torque (Nm)	0.5 - 0.6	0.6 - 0.8	1.5 - 1.8			

PB502185-20



PB502185-20



PB502177-20



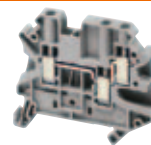
PB502186-20



NSYTRV102PE		NSYTRV162PE		NSYTRV352PE		NSYTRV502PE	
10 mm ²		16 mm ²		35 mm ²		50 mm ²	
Protective earth		Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
47.7		55		65.7		70.5	
47.5		55.5		60.2		83.5	
10.2		12.2		16		20	
10		16		35		50	
0.5 - 16		1.5 - 25		1.5 - 35		25 - 70	
0.5 - 16		1.5 - 25		1.5 - 35		16 - 70	
76 A		101 A		125 A		150 A	
20 - 6 AWG		16 - 4 AWG		14 - 1/0 AWG		6 - 1/0 AWG	
20 - 6 AWG		16 - 4 AWG		14 - 1/0 AWG		6 - 1/0 AWG	
-		-		-		-	
UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV102PE	50	NSYTRV162PE	50	NSYTRV352PE	50	NSYTRV502PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
-	-	-	-	-	-	-	-
10	NSYTRACS10	10	NSYTRACS16	10	NSYTRACS35	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
10		14		18		24	
M4		M5		M6		M6	
1.5 - 1.8		2.5 - 3		3.2 - 3.7		6 - 8	

Screw terminal blocks - Double deck passthrough

PB52181-20



		NSYTRV23
Nominal c.s.a.		2.5 mm ²
	Type of block	Passthrough - Multi-pole
	Type of connection	1 pole - 1 x 2
	Colour	Grey
Max. electric values (Umax, Imax)		500 V, 30 A
Dimensions (mm)		
	Length	57.8
	Height	47.5
	Width	5.2
Cabling c.s.a. (mm ²)		2.5
	Flexible cable	0.14 - 4
	Solid cable	0.14 - 4
Nominal electric values		
	IEC/EN 60947-7-1	500 V, 24 A
	UL	150 V, 20 A, 26 - 12 AWG
	CSA	150 V, 20 A, 26 - 12 AWG
	ATEX	352 V, 21 A
Certifications		UL, CSA, ATEX, IECEx, EAC

Terminal blocks

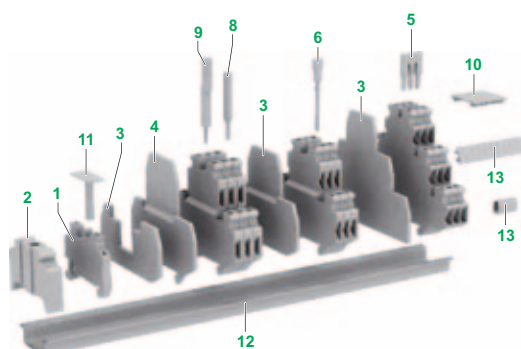
	Sold in lots of	Unit reference
Grey	50	NSYTRV23
Blue	50	NSYTRV23BL

Accessories

1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3	End plate,	Grey	50	NSYTRAC23
3	width 2.2 mm	Grey, partial plate	-	-
4	Partition plate,	Grey	50	NSYTRAP23
4	width 2 mm	Blue	-	-
5	Plug-in bridge	2-pole	50	NSYTRAL22
5	Red	3-pole	50	NSYTRAL23
		4-pole	50	NSYTRAL24
		5-pole	50	NSYTRAL25
		10-pole	10	NSYTRAL210
		20-pole	10	NSYTRAL220
6	Vertical bridge	1-pole	-	-
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAPT
10	Warning label	Yellow	10	NSYTRACS2
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD
13	Marking accessories		See page 140	

General data

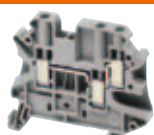
	Strip length (mm)	9
	Screw thread	M3
	Torque (Nm)	0.5 - 0.6



PB502183-20



PB502181-20



PB502183-20



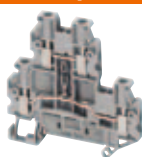
PB502187-20



NSYTRV24		NSYTRV43		NSYTRV44		NSYTRV24D	
2.5 mm ²		4 mm ²		4 mm ²		2.5 mm ²	
Passthrough - Multi-pole		Passthrough - Multi-pole		Passthrough - Multi-pole		Passthrough - Double deck	
1 pole - 2 x 2		1 pole - 1 x 2		1 pole - 2 x 2		2 pole - 1 x 1	
Grey		Grey		Grey		Grey	
500 V, 30 A		500 V, 41 A		500 V, 39 A		500 V, 28 A	
65.4		57.8		65.4		69.9	
47.5		47.5		47.5		65	
5.2		6.2		6.2		5.2	
2.5		4		4		2.5	
0.14 - 4		0.14 - 6		0.14 - 6		0.14 - 4	
0.14 - 4		0.14 - 6		0.14 - 6		0.14 - 4	
500 V, 24 A		500 V, 32 A		500 V, 32 A		500 V, 24 A	
150 V, 20 A, 26 - 12 AWG		150 V, 30 A, 26 - 10 AWG		150 V, 30 A, 26 - 10 AWG		600 V, 20 A, 26 - 12 AWG	
150 V, 20 A, 26 - 12 AWG		150 V, 30 A, 26 - 10 AWG		150 V, 30 A, 26 - 10 AWG		600 V, 20 A, 26 - 12 AWG	
352 V, 21 A		352 V, 29 A		352 V, 29 A		352 V, 20 A	
UL, CSA, ATEX, IECEx, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV24	50	NSYTRV43	50	NSYTRV44	50	NSYTRV24D
50	NSYTRV24BL	50	NSYTRV43BL	50	NSYTRV44BL	50	NSYTRV24DBL
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC24	50	NSYTRAC23	50	NSYTRAC24	50	NSYTRAC24
-	-	-	-	-	-	50	NSYTRACEP24
50	NSYTRAP24	50	NSYTRAP23	50	NSYTRAP24	50	NSYTRAPE24
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL220
-	-	-	-	-	-	50	NSYTRALV24
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
9		9		9		9	
M3		M3		M3		M3	
0.5 - 0.6		0.6 - 0.8		0.6 - 0.8		0.5 - 0.6	

Screw terminal blocks - Double deck passthrough

PB52108-20



PB52115-20



PB52108-22

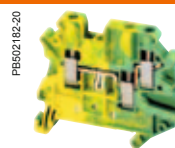
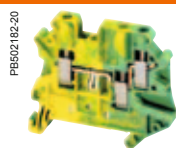


		NSYTRV44D	NSYTRV26T	NSYTRV26TC			
Nominal c.s.a.		4 mm²	2.5 mm²	2.5 mm²			
	Type of block	Passthrough - Double deck	Passthrough - Triple deck	Passthrough - 3 Levels			
	Type of connection	2 pole - 1 x 1	3 pole - 1 x 1	1 pole - 3 x 3			
	Colour	Grey	Grey	Grey			
Max. electric values (Umax, Imax)		800 V, 36 A	500 V, 24 A	500 V, 24 A			
Dimensions (mm)							
	Length	69.9	90	90			
	Height	65	77.5	77.5			
	Width	6.2	5.2	5.2			
Cabling c.s.a. (mm²)		4	2.5	2.5			
	Flexible cable	0.14 - 6	0.14 - 4	0.14 - 4			
	Solid cable	0.14 - 6	0.14 - 4	0.14 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	800 V, 30 A	500 V, 20 A	500 V, 20 A			
	UL	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG	600 V, 20 A, 26 - 12 AWG			
	CSA	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG	-			
	ATEX ⚡	440 V, 25.5 A	-	-			
Certifications		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, EAC	UL, EAC			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV44D	50	NSYTRV26T	50	NSYTRV26TC*
	Blue	50	NSYTRV44DBL	50	NSYTRV26TBL	-	-
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRACE24	50	NSYTRACE26	50	NSYTRACE26
width 2.2 mm	Grey, partial plate	50	NSYTRACEP24	-	-	-	-
Partition plate,	Grey	50	NSYTRAPE24	-	-	-	-
width 2 mm	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL42	50	NSYTRAL22	50	NSYTRAL22
Red	3-pole	50	NSYTRAL43	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL44	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL45	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL410	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL420	10	NSYTRAL220	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS4	10	NSYTRACS2	10	NSYTRACS2
Marker tag holder	For AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	9		9		9	
	Screw thread	M3		M3		M3	
	Torque (Nm)	0.6 - 0.8		0.5 - 0.6		0.5 - 0.6	

* The 3 levels are connected.



Screw terminal blocks - Double deck protective earth

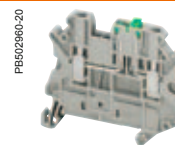


		NSYTRV23PE	NSYTRV24PE	NSYTRV43PE			
Nominal c.s.a.		2.5 mm²	2.5 mm²	4 mm²			
	Type of block	Protective earth - Multi-pole	Protective earth - Multi-pole	Protective earth - Multi-pole			
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 2			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-		-			
Dimensions (mm)							
	Length	57.8	65.4	57.8			
	Height	47.5	47.5	47.5			
	Width	5.2	5.2	6.2			
Cabling c.s.a. (mm²)		2.5	2.5	4			
	Flexible cable	0.14 - 4	0.14 - 4	0.14 - 6			
	Solid cable	0.14 - 4	0.14 - 4	0.14 - 6			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 12 AWG	26 - 10 AWG			
	CSA	26 - 12 AWG	26 - 12 AWG	26 - 10 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRV23PE	50	NSYTRV24PE	50	NSYTRV43PE
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC23	50	NSYTRAC24	50	NSYTRAC23
width 2.2 mm	Grey, partial plate	-	-	-	-	-	-
Partition plate,	Grey	50	NSYTRAP23	50	NSYTRAP24	50	NSYTRAP23
width 2 mm	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
Red	3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
	4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
	5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
	10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
	20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS2	100	NSYTRACS4
Marker tag holder	For  AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	20	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	9		9		9	
	Screw thread	M3		M3		M3	
	Torque (Nm)	0.5 - 0.6		0.5 - 0.6		0.6 - 0.8	



NSYTRV44PE		NSYTRV24DPE		NSYTRV44DPE		NSYTRV26TPE	
4 mm²		2.5 mm²		4 mm²		2,5 mm²	
Protective earth - Multi-pole		Protective earth - Double deck		Protective earth - Double deck		Protective earth - 3 Levels	
1 pole - 2 x 2		1 pole - 2 x 2		1 pole - 2 x 2		1 pole - 3 x 3	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
65.4		69.9		69.9		90	
47.5		65		65		77.5	
6.2		5.2		6.2		5.2	
4		2.5		4		2.5	
0.14 - 6		0.14 - 4		0.14 - 6		0.14 - 4	
0.14 - 6		0.14 - 4		0.14 - 6		0.14 - 4	
-		-		-		-	
26 - 10 AWG		26 - 12 AWG		26 - 10 AWG		26 - 12 AWG	
26 - 10 AWG		26 - 12 AWG		26 - 10 AWG		26 - 12 AWG	
-		-		-		-	
UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV44PE	50	NSYTRV24DPE	50	NSYTRV44DPE	50	NSYTRV26TPE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC24	50	NSYTRACE24	50	NSYTRACE24	50	NSYTRACE26
-	-	50	NSYTRACEP24	50	NSYTRACEP24	-	-
50	NSYTRAP24	50	NSYTRAPE24	50	NSYTRAPE24	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRACS4	100	NSYTRACS2	100	NSYTRACS4	10	NSYTRACS2
20	NSYTRASB4	20	NSYTRASB4	20	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
9		9		9		9	
M3		M3		M3		M3	
0.6 - 0.8		0.5 - 0.6		0.6 - 0.8		0.5 - 0.6	

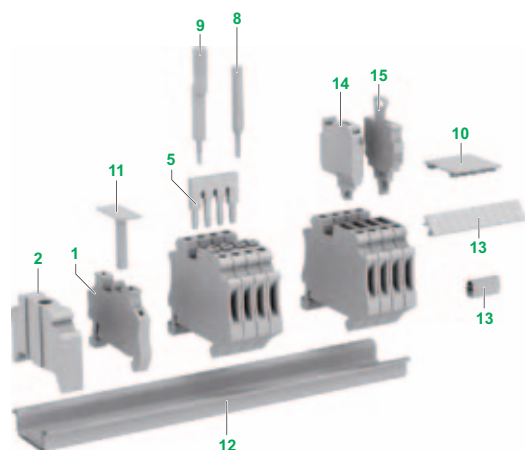
Screw terminal blocks - Disconnect



P8602960-20

		NSYTRV22SC	
Nominal c.s.a.		2.5 mm²	
	Type of block	Disconnect (blade)	
	Type of connection	1 pole - 1 x 1	
	Color	Grey	
Max. electric values (Umax, Imax)		400 V, 20 A	
Dimensions (mm)			
	Length	57.8	
	Height	49.1	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.14 - 4	
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	400 V, 20 A	
	UL	300 V, 16 A, 26 - 12 AWG	
	CSA	300 V, 16 A, 26 - 12 AWG	
	ATEX 	-	
Certifications		UL, CSA, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRV22SC
	Grey, with test points	50	NSYTRV22ST
	Orange, with test points	-	-
Accessories			
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC23
width 2.2 mm	Grey, partial plate	-	-
Partition plate,	Grey	50	NSYTRAP23
width 2 mm	Blue	-	-
Plug-in bridge	2-pole	50	NSYTRAL22
Red	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Vertical bridge	1-pole	-	-
Removable carrier	For fuse 5 x 20 mm	-	-
width 6.1 mm	For fuse 5 x 20 mm 110 - 250 V LED	-	-
6 A max	For fuse 5 x 20 mm 12 - 30 V LED	-	-
Removable carrier	For component	-	-
width 5.1 mm	With 1N4007 diode	-	-
6 A max			
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS4
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	9	
	Screw thread	M3	
	Torque (Nm)	0.5 - 0.6	

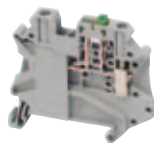
* Disconnect knife on each level.



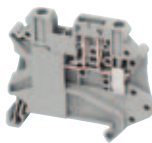
PB502191-20



PB502179-20



PB502178-20



PB502193-20



PB502568-21



NSYTRV22TB	NSYTRV42SC	NSYTRV42TB	NSYTRV42SCD	NSYTRV24SCD
2.5 mm ²	4 mm ²	4 mm ²	4 mm ²	2.5 mm ²
Disconnect (for carrier)	Disconnect (blade)	Disconnect (for carrier)	Disconnect - Double deck	Disconnect - Double deck
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	2 pole - 1 x 1	2 pole - 1 x 1
Grey	Grey	Grey	Grey	Grey
400 V, 20 A	500 V, 20 A	400 V, 20 A	500 V, 38 A	500 V, 38 A
57.8	57.8	57.8	69.9	69.9
47.5	49.1	47.5	65	65
5.2	6.2	6.2	6.2	5.2
2.5	4	4	4	2.5
0.14 - 4	0.14 - 6	0.14 - 6	0.14 - 6	0.14 - 4
0.14 - 4	0.14 - 6	0.14 - 6	0.14 - 6	0.14 - 4
400 V, 20 A	500 V, 20 A	500 V, 20 A	500 V, 30 A	500 V, 30 A
600 V, 16 A, 26 - 12 AWG	600 V, 16 A, 26 - 10 AWG	600 V, 16 A, 26 - 10 AWG	300 V, 30 A, 26 - 10 AWG	300 V, 30 A, 26 - 12 AWG
600 V, 16 A, 26 - 12 AWG	600 V, 16 A, 26 - 10 AWG	600 V, 16 A, 26 - 10 AWG	300 V, 30 A, 26 - 10 AWG	-
-	-	-	-	-
UL, CSA, EAC	UL, CSA, EAC	UL, CSA, EAC	UL, CSA, EAC	UL, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV22TB	50	NSYTRV42SC	50	NSYTRV42TB	50	NSYTRV42SCD	-	-
-	-	50	NSYTRV42ST	-	-	-	-	50	NSYTRV24SCD*
-	-	50	NSYTRV42STAR	-	-	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC23	-	Included	-	Included	50	NSYTRACE24	50	NSYTRACED24
-	-	-	-	-	-	50	NSYTRACEP24	-	-
50	NSYTRAP23	50	NSYTRAP23	50	NSYTRAP23	50	NSYTRAPE24	-	-
-	-	-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42	-	-
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43	-	-
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44	-	-
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45	-	-
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410	-	-
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420	-	-
-	-	-	-	-	-	-	-	-	-
10	NSYTRASF520	-	-	10	NSYTRASF520	-	-	-	-
10	NSYTRASF520M	-	-	10	NSYTRASF520M	-	-	-	-
10	NSYTRASF520B	-	-	10	NSYTRASF520B	-	-	-	-
10	NSYTRASV1	-	-	10	NSYTRASV1	-	-	-	-
10	NSYTRASV2	-	-	10	NSYTRASV2	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

9	9	9	9	9
M3	M3	M3	M3	M3
0.5 - 0.6	0.6 - 0.8	0.6 - 0.8	0.6 - 0.8	0.5 - 0.6

Screw terminal blocks - Fuse disconnect

P5502196-20



P5502196-23



P5502196-23



		NSYTRV162SF	NSYTRV42SF5	NSYTRV42SF6			
Nominal c.s.a.		16 mm²	4 mm²	16 mm²			
	Type of block	Disconnect (fixed carrier)	Disconnect (Lever-type fuse)	Disconnect (Lever-type fuse)			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Type of fuse	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 6.3 x 32 mm			
	Colour	Black	Black	Black			
Max. electric values (Umax, Imax)		500 V, 10 A	500 V, 6.3 A	500 V, 10 A			
Dimensions (mm)							
	Length	62	72.5	79			
	Height	57.2	56.5	60.5			
	Width	12	8.2	10.2			
Cabling c.s.a. (mm²)		16	4	16			
	Flexible cable	0.5 - 16	0.2 - 4	0.5 - 16			
	Solid cable	0.5 - 16	0.2 - 4	0.5 - 16			
Nominal electric values							
	IEC/EN 60947-7-1	500 V, 10 A	500 V, 6.3 A	500 V, 10 A			
	UL	300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG			
	CSA	300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, LR, DNV, EAC	UL, CSA, EAC	UL, CSA, EAC			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Black	50	NSYTRV162SF	50	NSYTRV42SF5	50	NSYTRV42SF6
	Black, with light indicator, 12-30 V AC/DC (1)	-	-	50	NSYTRV42SF5LD	50	NSYTRV42SF6LD
	Black, with light indicator, 110-250 V AC/DC (2)	-	-	50	NSYTRV42SF5LA	50	NSYTRV42SF6LA
Accessories							
End stop	Clip-on. 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw. 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	-	Included	-	Included	-	Included
width 2.2 mm	Grey, partial plate	-	-	-	-	-	-
Vertical bridge	1-pole	-	-	-	-	-	-
Screw bridge	2-pole	10	NSYTRALF1610	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-
Warning label	Yellow	-	-	-	-	-	-
Marker tag holder	For  AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	11	8	9			
	Screw thread	M4	M3	M3			
	Torque (Nm)	1.5 - 1.8	0.5 - 0.8	0.6 - 0.8			

(1) If the fuse is faulty, the downstream circuit is not off load.

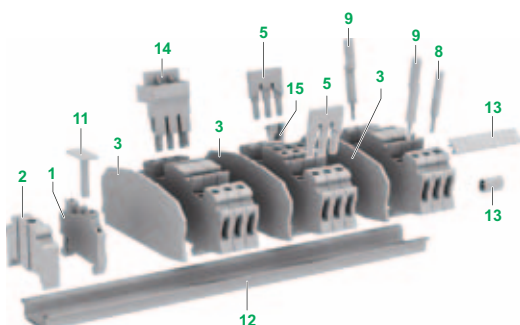
(2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.



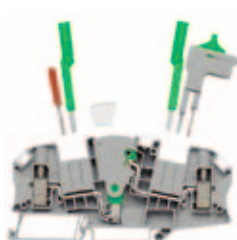
Screw terminal blocks - Measuring terminals



		NSYTRV62TTD	
Nominal c.s.a.	Type of block	Knife disconnect	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
	Max. electric values (Umax, Imax)	500 V, 30 A	
Dimensions (mm)			
	Length	100.8	
	Height	49.6	
	Width	8.2	
		6	
	Cabling c.s.a. (mm²)	Flexible cable	0.2 - 10
	Solid cable	0.2 - 10	
Nominal electric values			
	IEC/EN 60947-1	500 V, 30 A	
	UL	600 V, 30 A. 24 - 8 AWG	
	CSA	600 V, 30 A. 24 - 8 AWG	
	ATEX 	-	
Certifications		UL, CSA, EAC	
Terminal blocks			
	Grey	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRV62TTD
		-	-
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACT22
	Blue	-	-
Switching jumper, pluggable	2 points	10	NSYTRASJ2
	3 points	10	NSYTRASJ3
	4 points	10	NSYTRASJ4
Plug-in bridge Red	2-pole	10	NSYTRAL62
	3-pole	10	NSYTRAL63
	4-pole	-	-
	5-pole	10	NSYTRAL65
	10-pole	10	NSYTRAL610
Switching lock	Pluggable	10	NSYTRASJ6
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test plug adaptor For plug-in bridge shaft	Grey	10	NSYTRAFT
	Orange	10	NSYTRAFTAR
	Yellow	10	NSYTRAFTYE
	Green	10	NSYTRAFTGN
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	10	
	Screw thread	M4	
	Torque (Nm)	1.5 - 1.8	



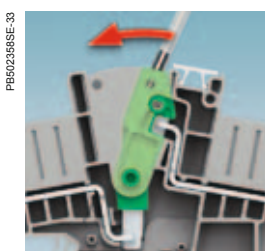
Only two **NSYTRV62TTD** measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit. This means that less space is required compared to a circuit design using slide-type terminal blocks.



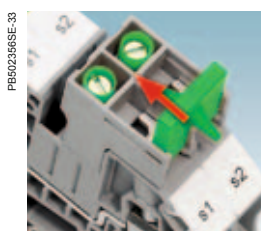
The new **NSYTRV62TT** measuring transducer disconnect terminal blocks with screw connection technology are characterised by easy operation and clarity. All switching statuses are instantly clearly visible. Due to the extensive range of flexible accessories, costs and time are saved when executing all transducer test circuit tasks.



NSYTRV62TT		NSYTRV62TTPE	
6 mm ²		6 mm ²	
Passthrough		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Green/Yellow	
500 V, 30 A		-	
100.8		100.8	
49.6		49.6	
8.2		8.2	
6		6	
0.2 - 10		0.2 - 10	
0.2 - 10		0.2 - 10	
500 V, 30 A		-	
600 V, 30 A, 24 - 8 AWG		24 - 8 AWG	
600 V, 30 A, 24 - 8 AWG		24 - 8 AWG	
-		-	
UL, CSA, EAC		UL, CSA, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV62TT	-	-
-	-	50	NSYTRV62TTPE
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACT22	50	NSYTRACT22
-	-	-	-
10	NSYTRASJ2	-	-
10	NSYTRASJ3	-	-
10	NSYTRASJ4	-	-
10	NSYTRAL62	10	NSYTRAL62
10	NSYTRAL63	10	NSYTRAL63
-	-	-	-
10	NSYTRAL65	10	NSYTRAL65
10	NSYTRAL610	10	NSYTRAL610
10	NSYTRASJ6	-	-
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
10	NSYTRAFTAR	10	NSYTRAFTAR
10	NSYTRAFTYE	10	NSYTRAFTYE
10	NSYTRAFTGN	10	NSYTRAFTGN
100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD
10		10	
M4		M4	
1.5 - 1.8		1.5 - 1.8	

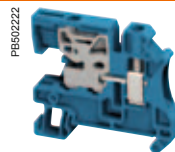
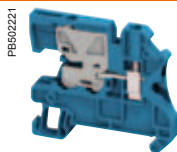


The longitudinal isolating switch contacts snap safely into their respective switching state. Imprinted switching symbols ensure clarity. The optional switching lock snaps in and effectively prevents accidental switching. For simultaneous actuation, two switches can be connected to each other using a connection bridge.



The **NSYTRASJ** switch jumpers can be placed on both sides of the disconnect point in the bridge shaft and can be securely snapped in irrespective of the terminal strip configuration. The bridge for the transformer short-circuit can be securely engaged in the end positions and screw terminal points are used to make contact.

Screw terminal blocks - Neutral disconnect



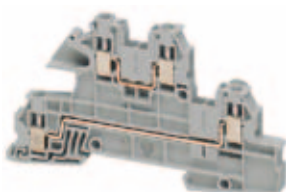
		NSYTRV42NE	NSYTRV62NE
Nominal c.s.a.	Type of block	4 (6) mm ² Neutral disconnect	6 (10) mm ² Neutral disconnect
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1
	Colour	Blue	Blue
Max. electric values (U _{max} , I _{max})		250 V, 32 A	400 V, 41 A
Dimensions (mm)			
	Length	55	55
	Height	47,5	47,5
	Width	6,2	8.2
Cabling c.s.a. (mm ²)		4	6
	Flexible cable	0.14 - 6	0.2 - 10
	Solid cable	0.14 - 6	0.2 - 10
Nominal electric values			
	IEC/EN 60947-7-1	250 V, 32 A	400 V, 41 A
	UL	-	-
	CSA	-	-
	ATEX	-	-
Certifications		EAC	EAC
Terminal blocks			
	Blue	Sold in lots of 50 Unit reference NSYTRV42NE	Sold in lots of 50 Unit reference NSYTRV62NE
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50 NSYTRAAB35	50 NSYTRAAB35
	With screw, 9.5 mm	50 NSYTRAABV35	50 NSYTRAABV35
End plate, width 2.2 mm	Grey	50 NSYTRAC22	50 NSYTRAC22
	Blue	50 NSYTRAC22BL	50 NSYTRAC22BL
Partition plate, width 2 mm	Grey	50 NSYTRAP22	50 NSYTRAP22
	Blue	50 NSYTRAP22BL	50 NSYTRAP22BL
Plug-in bridge Red	2-pole	50 NSYTRAL42	10 NSYTRAL62
	3-pole	50 NSYTRAL43	10 NSYTRAL63
	4-pole	50 NSYTRAL44	-
	5-pole	50 NSYTRAL45	50 NSYTRAL65
	10-pole	10 NSYTRAL410	10 NSYTRAL610
	20-pole	10 NSYTRAL420	-
	Blue 10-pole	10 NSYTRAL410BL	-
Blue 10-pole	Grey 10-pole	10 NSYTRAL410GR	-
Copper neutral bar	1m long, 10 x 3 mm	10 NSYTRACB103	10 NSYTRACB103
Terminal clamp for neutral bar		25 NSYBPCH516	25 NSYBPCH516
Test plug	Metallic part, Ø 2.3 mm	10 NSYTRAATM1	10 NSYTRAATM1
	Insulating sleeve. red	10 NSYTRAATP1	10 NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10 NSYTRAFT	10 NSYTRAFT
Marker tag holder	For AB35 end stop	100 NSYTRASB4	100 NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated. 2 m long	20 NSYSDR200BD	20 NSYSDR200BD
Marking accessories	See page 140		
General data			
	Strip length (mm)	9	10
	Screw thread	M3	M4
	Torque (Nm)	0.6 - 0.8	1.5 - 1.8

PF602357-33

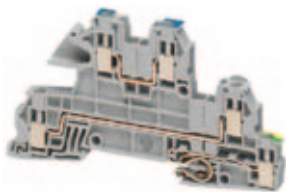


All **NSYTRV●●NE** disconnect terminal blocks have a screwless disconnect slide. When this is levered over with a standard screwdriver, the contact fork slides onto the busbar. The slide engages in the end positions to provide additional protection against accidental actuation.
The shape of the **NSYTRV●●NE** disconnect terminal blocks is the same as for the screw terminal blocks **NSYTRV**.

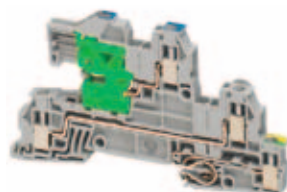
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PB502817-38

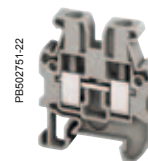


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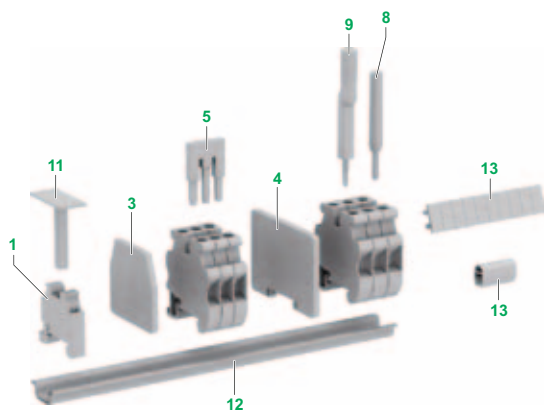


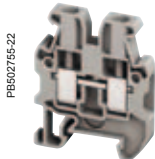
NSYTRV25LL		NSYTRV25LLPE		NSYTRV25NLPE	
2,5 mm²		2,5 mm²		2,5 mm²	
Installation - 2 phases		Installation - 2 phases + protective earth		Installation - 1 phase + protective earth + neutral disconnect	
2 pole - 1 x 1		3 pole - 1 x 1		3 pole - 1 x 1	
Grey		Grey		Grey	
250 V, 30 A		250 V, 30 A		LL 400V, 250 V, 30 A	
93.5		93.5		93.5	
51.5		51.5		51.5	
5.2		5.2		5.2	
2.5		2.5		2.5	
0.2 - 4		0.2 - 4		0.2 - 4	
0.2 - 4		0.2 - 4		0.2 - 4	
250 V, 24 A		250 V, 24 A		LL 400V, 250 V, 24 A	
300 V, 20 A, 26 - 12 AWG		300 V, 20 A, 26 - 12 AWG		300 V, 20 A, 26 - 12 AWG	
300 V, 20 A, 26 - 12 AWG		300 V, 20 A, 26 - 12 AWG		300 V, 20 A, 26 - 12 AWG	
-		-		-	
UL, CSA, EAC		UL, CSA, EAC		UL, CSA, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV25LL	50	NSYTRV25LLPE	50	NSYTRV25NLPE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC25	50	NSYTRAC25	50	NSYTRAC25
	-		-		-
	-		-		-
	-		-		-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL210BL
10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL210GR
	-		-	10	NSYTRACB103
	-		-	25	NSYBPCH516
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
9		9		9	
M3		M3		M3	
0.5 - 0.6		0.5 - 0.6		0.5 - 0.6	

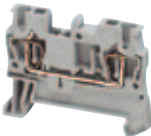
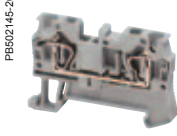
Screw terminal blocks - Miniature passthrough



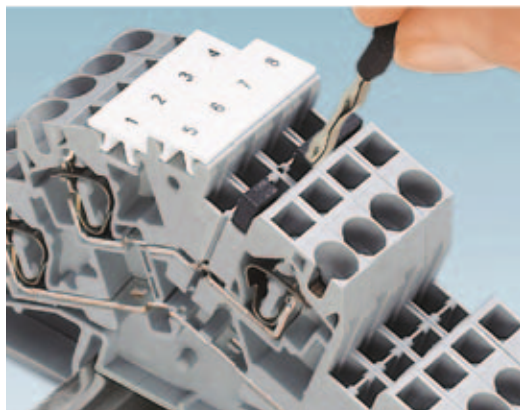
		NSYTRV22M	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		500 V, 24 A	
Dimensions (mm)			
	Length	30	
	Height	34	
	Width	5.2	
Mounting on		NS15 DIN rail	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.2 - 2.5	
	Solid cable	0.2 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	500 V, 24 A	
	UL	600 V, 20 A, 24 - 12 AWG	
	CSA	600 V, 20 A, 24 - 12 AWG	
	ATEX 	500 V, 20 A	
Certifications		UL, CSA, VDE, ATEX, IECEx, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRV22M
	Blue	50	NSYTRV22MBL
Accessories			
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15
End plate	Grey	50	NSYTRACM22
Partition plate	Grey	50	NSYTRAPM22
Plug-in bridge	2-pole	50	NSYTRAL22
Red	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Blue	10-pole	10	NSYTRAL210BL
Grey	10-pole	10	NSYTRAL210GR
Marker tag holder	For  AB15 end stop	100	NSYTRASB4
DIN rail 15 x 5mm	Perforated, 2m long	10	NSYTRADR155
Marking accessories		See page 140	
General data			
	Strip length (mm)	9	
	Screw thread	M3	
	Torque (Nm)	0.5 - 0.6	



Screw terminal blocks - Miniature protective earth						
						
NSYTRV42M		NSYTRV22MPE		NSYTRV42MPE		
4 mm ²		2.5 mm ²		4 mm ²		
Passthrough		Protective earth		Protective earth		
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		
Grey		Green/Yellow		Green/Yellow		
500 V, 32 A		-		-		
30		30		30		
34		34		34		
6.2		5.2		6.2		
NS15 DIN rail		NS15 DIN rail		NS15 DIN rail		
4		2.5		4		
0.2 - 4		0.2 - 2.5		0.2 - 4		
0.2 - 6		0.2 - 4		0.2 - 6		
500 V, 32 A		-		-		
600 V, 30 A, 24 - 10 AWG		24 - 12 AWG		24 - 10 AWG		
600 V, 30 A, 24 - 10 AWG		24 - 12 AWG		24 - 10 AWG		
500 V, 30 A		-		-		
UL, CSA, VDE, ATEX, IECEx, EAC		UL, CSA, VDE, ATEX, IECEx, EAC		UL, CSA, VDE, ATEX, IECEx, EAC		
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
50	NSYTRV42M	50	NSYTRV22MPE	50	NSYTRV42MPE	
50	NSYTRV42MBL	-	-	-	-	
50	NSYTRAAB15	50	NSYTRAAB15	50	NSYTRAAB15	
50	NSYTRACM22	50	NSYTRACM22	50	NSYTRACM22	
50	NSYTRAPM22	50	NSYTRAPM22	50	NSYTRAPM22	
50	NSYTRAL42	-	-	-	-	
50	NSYTRAL43	-	-	-	-	
50	NSYTRAL44	-	-	-	-	
50	NSYTRAL45	-	-	-	-	
10	NSYTRAL410	-	-	-	-	
10	NSYTRAL420	-	-	-	-	
10	NSYTRAL410BL	-	-	-	-	
10	NSYTRAL410GR	-	-	-	-	
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
10	NSYTRADR155	10	NSYTRADR155	10	NSYTRADR155	
8		9		8		
M3		M3		M3		
0.6 - 0.8		0.5 - 0.6		0.6 - 0.8		

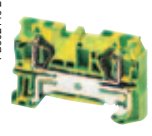
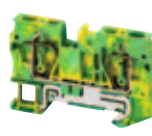
		Passthrough			
		Passthrough			
					
Nominal c.s.a (mm²)		2.5	4	6	10, 16 & 35
Number of poles	1 - 1 x 1	NSYTTR22	NSYTTR42	NSYTTR62	NSYTTR102 NSYTTR162 NSYTTR352
	1 - 1 x 2	NSYTTR23	NSYTTR43	NSYTTR63	-
	1 - 2 x 2	NSYTTR24	NSYTTR44	-	-
	1 - 2 x 4	-	-	-	-
	1 - 3 x 3	-	-	-	-
	2 - 1 x 1	-	-	-	-
	2 - 1 x 2	-	-	-	-
	3 - 1 x 1	-	-	-	-
Colours	Grey	■	■	■	■
	Blue	NSYTTR22BL NSYTTR23BL NSYTTR24BL	NSYTTR42BL NSYTTR43BL NSYTTR44BL	NSYTTR62BL	NSYTTR102BL NSYTTR162BL NSYTTR352BL
	Green/yellow (PE)	-	-	-	-
	Orange	NSYTTR22AR NSYTTR23AR NSYTTR24AR	NSYTTR42AR NSYTTR43AR NSYTTR44AR	-	-
	Black	-	-	-	-
	With flange	-	-	-	-
	Mounting on				
Mounting on	35 mm 	■	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		104/105	105/106	106/107	107

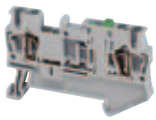
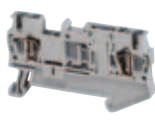
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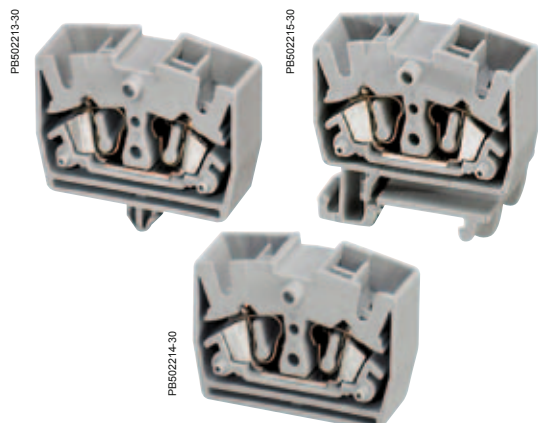


Vertical bridge

The **NSYTTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTTR24D** and **NSYTTR44D** terminal blocks.

Protective earth				
PB502139-20				
				
2.5	4	6	10, 16 & 35	
NSYTRR22PE	NSYTRR42PE	NSYTRR62PE	NSYTRR102PE NSYTRR162PE NSYTRR352PE	
NSYTRR23PE	NSYTRR43PE	-	-	
NSYTRR24PE	NSYTRR44PE	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
■	■	■	■	
-	-	-	-	
-	-	-	-	
-	-	-	-	
■	■	■	■	
■	■	■	■	
-	-	-	-	
-	-	-	-	
108	109	109	110	

		Double deck	Disconnect	
		Passthrough	Blade	Removable carrier
				
Nominal c.s.a (mm²)		2.5 & 4	2.5 & 4	2.5 & 4
Number of poles	1 - 1 x 1	-	NSYTRR22SC NSYTRR42SC	NSYTRR22TB NSYTRR42TB
	1 - 1 x 2	-	NSYTRR23SC	NSYTRR23TB
	1 - 2 x 2	-	-	-
	1 - 2 x 4	-	-	-
	1 - 3 x 3	NSYTRR26TC	-	-
	2 - 1 x 1	NSYTRR24D NSYTRR44D	NSYTRR24SCD	-
	2 - 1 x 2	-	-	-
	3 - 1 x 1	NSYTRR26T	-	-
Colours	Grey	■	■	■
	Blue	NSYTRR24DBL NSYTRR44DBL NSYTRR26TBL	-	-
	Green/yellow (PE)	NSYTRR24DPE NSYTRR44DPE NSYTRR26TPE	-	-
	Orange	-	NSYTRR22SCAR NSYTRR42SCAR NSYTRR23SCAR	-
	Black	-	-	-
	With flange	-	-	-
Mounting on	35 mm 	■	■	■
	35 mm 	■	■	■
	Telequick	-	-	-
	15 mm 	-	-	-
See pages		112/113/114	116/117/118	117/18

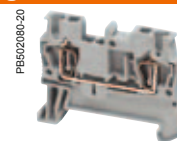


Miniature terminal blocks with maximum usage

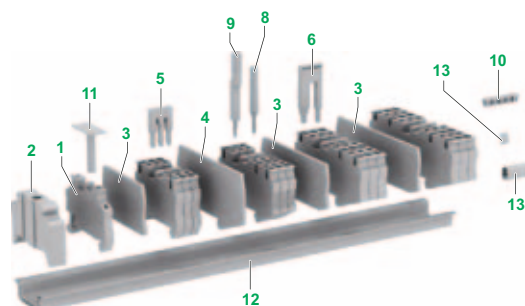
Due to its space saving design, mini spring-cage terminal blocks are ideal for wiring in extremely restricted spaces. The generous connection space enables fast wiring of both stranded and solid conductors. They can be mounted on NS 15 DIN rail or directly mounted using screw flange or engagement pins.

Miniature			
	DIN rail mounting	Direct mounting	Pin mounting
PB 502216-20		PB 502216-20 	PB 502217-20 
	2.5	2.5	2.5
	NSYTRR22M	NSYTRR22MF	NSYTRR22MP
	-	-	-
	NSYTRR24M	NSYTRR24MF	NSYTRR24MP
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	■	■	■
	NSYTRR22MBL NSYTRR24MBL	NSYTRR22MFBL NSYTRR24MFBL	NSYTRR22MPBL NSYTRR24MPBL
	NSYTRR22MPE	-	-
	-	-	-
	-	-	-
	-	NSYTRR22MFF NSYTRR24MFF	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	■	-	-
	120/121	122/123	123

Spring terminal blocks - Passthrough



		NSYTTR22	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		800 V, 31 A	
Dimensions (mm)			
	Length	48.5	
	Height	36.5	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	800 V, 24 A	
	UL	600 V, 20 A, 28 - 12 AWG	
	CSA	600 V, 20 A, 28 - 12 AWG	
	ATEX 	550 V, 21 A	
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTTR22
	Blue	50	NSYTTR22BL
	Orange	50	NSYTTR22AR
Accessories			
End stop	Clip-on, 5.2 mm	50	NSYTTRAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTTRABV35
End plate,	Grey	50	NSYTTRACR22
width 2.2 mm	Blue	50	NSYTTRACR22BL
Partition plate,	Grey	50	NSYTTRAPR42
width 2 mm	Blue	-	-
Plug-in bridge	2-pole	50	NSYTTRAL22
Red	3-pole	50	NSYTTRAL23
	4-pole	50	NSYTTRAL24
	5-pole	50	NSYTTRAL25
	10-pole	10	NSYTTRAL210
	20-pole	10	NSYTTRAL220
	Blue	10-pole	10
Grey	10-pole	10	NSYTTRAL210GR
Step-down bridge,	Screw to screw terminal	-	-
down to 2.5/4 mm²	Spring to spring terminal	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTTRATM1
	Insulating sleeve, red	10	NSYTTRATP1
Test adaptor	For plug-in bridge shaft	10	NSYTTRAF1
Warning label	Yellow	10	NSYTTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYTSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	10	



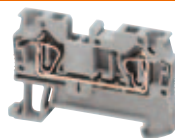
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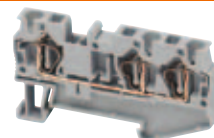
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PB02145-23



PB02147-28



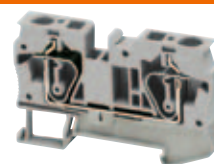
NSYTRR23		NSYTRR24		NSYTRR42		NSYTRR43	
2.5 mm ²		2.5 mm ²		4 mm ²		4 mm ²	
Passthrough		Passthrough		Passthrough		Passthrough	
1 pole - 1 x 2		1 pole - 2 x 2		1 pole - 1 x 1		1 pole - 1 x 2	
Grey		Grey		Grey		Grey	
800 V, 28 A		800 V, 28 A		800 V, 40 A		800 V, 40 A	
60.5		72		56		71.5	
36.5		36.5		36.5		36.5	
5.2		5.2		6.2		6.2	
2.5		2.5		4		4	
0.08 - 2.5		0.08 - 2.5		0.08 - 4		0.08 - 4	
0.08 - 4		0.08 - 4		0.08 - 6		0.08 - 6	
800 V, 24 A		800 V, 24 A		800 V, 32 A		800 V, 32 A	
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 30 A, 28 - 10 AWG		600 V, 30 A, 28 - 10 AWG	
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 30 A, 28 - 10 AWG		600 V, 30 A, 28 - 10 AWG	
550 V, 21 A		550 V, 21 A		550 V, 30 A		550 V, 30 A	
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR23	50	NSYTRR24	50	NSYTRR42	50	NSYTRR43
50	NSYTRR23BL	50	NSYTRR24BL	50	NSYTRR42BL	50	NSYTRR43BL
50	NSYTRR23AR	50	NSYTRR24AR	50	NSYTRR42AR	50	NSYTRR43AR
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR23	50	NSYTRACR24	50	NSYTRACR42	50	NSYTRACR43
50	NSYTRACR23BL	50	NSYTRACR24BL	-	-	-	-
50	NSYTRAPR23	50	NSYTRAPR24	50	NSYTRAPR42	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL410BL
10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL410GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR2	10	NSYTRACSR2	10	NSYTRACSR4	10	NSYTRACSR4
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD
10		10		10		10	

Spring terminal blocks - Passthrough

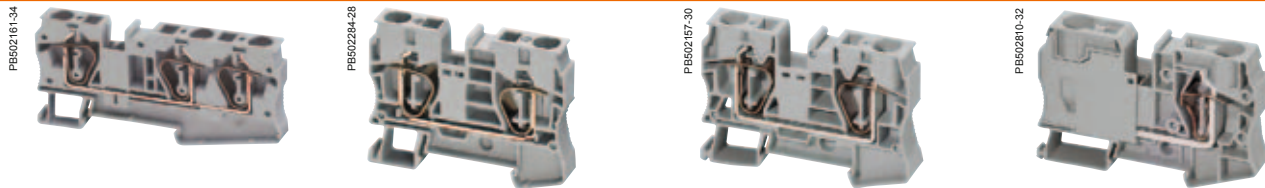
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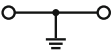
		NSYTTR44	NSYTTR62		
Nominal c.s.a.		4 mm²	6 mm²		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 2 x 2	1 pole - 1 x 1		
	Colour	Grey	Grey		
Max. electric values (Umax, Imax)		800 V, 40 A	1000 V, 52 A		
Dimensions (mm)					
	Length	87	69.5		
	Height	36.5	43.5		
	Width	6.2	8.2		
Cabling c.s.a. (mm²)		4	6		
	Flexible cable	0.08 - 4	0.5 - 6		
	Solid cable	0.08 - 6	0.2 - 10		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 32 A	800 V, 41 A		
	UL	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG		
	CSA	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG		
	ATEX 	550 V, 30 A	550 V, 36 A		
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTTR44	50	NSYTTR62
	Blue	50	NSYTTR44BL	50	NSYTTR62BL
	Orange	50	NSYTTR44AR	-	-
Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRACR44	50	NSYTRACR62
width 2.2 mm	Blue	-	-	-	-
Partition plate,	Grey	-	-	-	-
width 2 mm	Blue	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL42	10	NSYTRAL62
Red	3-pole	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL45	10	NSYTRAL65
	10-pole	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL420	-	-
Blue	10-pole	10	NSYTRAL410BL	10	NSYTRAL610BL
Grey	10-pole	10	NSYTRAL410GR	10	NSYTRAL610GR
Step-down bridge, down to 2.5/4 mm²	Screw to screw terminal	-	-	-	-
	Spring to spring terminal	-	-	10	NSYTRALR62
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR4	10	NSYTRACSR6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140			
General data					
	Strip length (mm)	10		12	



NSYTTR63		NSYTTR102		NSYTTR162		NSYTTR352	
6 mm ²		10 mm ²		16 mm ²		35 mm ²	
Passthrough		Passthrough		Passthrough		Passthrough	
1 pole - 1 x 2		1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey		Grey		Grey	
1000 V, 52 A		1000 V, 65 A		1000 V, 90 A		1000 V, 125 A	
90.5		71.5		80		100	
43.5		50.5		51		59	
8.2		10.2		12.2		16	
6		10		16		35	
0.5 - 6		0.2 - 10		0.2 - 16		2.5 - 35	
0.2 - 10		0.2 - 16		0.2 - 25		2.5 - 35	
800 V, 41 A		800 V, 57 A		800 V, 76 A		1000 V, 125 A	
600 V, 50 A, 24 - 8 AWG		600 V, 65 A, 16 - 6 AWG		600 V, 85 A, 16 - 4 AWG		600 V, 115 A, 14 - 2 AWG	
600 V, 50 A, 24 - 8 AWG		600 V, 65 A, 16 - 6 AWG		600 V, 85 A, 16 - 4 AWG		600 V, 115 A, 14 - 2 AWG	
550 V, 30 A		550 V, 50 A		550 V, 65 A		-	
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTTR63	50	NSYTTR102	50	NSYTTR162	10	NSYTTR352
-	-	50	NSYTTR102BL	50	NSYTTR162BL	10	NSYTTR352BL
-	-	-	-	-	-	-	-
50	NSYTTRAB35	50	NSYTTRAB35	50	NSYTTRAB35	50	NSYTTRAB35
50	NSYTTRABV35	50	NSYTTRABV35	50	NSYTTRABV35	50	NSYTTRABV35
50	NSYTTRACR63	50	NSYTTRACR102	50	NSYTTRACR162	-	Included
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTTRAL62	10	NSYTTRAL102	10	NSYTTRAL162	10	NSYTTRAL352
10	NSYTTRAL63	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTTRAL65	-	-	-	-	-	-
10	NSYTTRAL610	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTTRAL610BL	-	-	-	-	-	-
10	NSYTTRAL610GR	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTTRALR62	10	NSYTTRALR102	10	NSYTTRALR162	-	-
10	NSYTTRAATM1	10	NSYTTRAATM1	-	-	-	-
10	NSYTTRAATP1	10	NSYTTRAATP1	-	-	-	-
10	NSYTTRAFT	10	NSYTTRAFT	-	-	-	-
10	NSYTTRACSR6	10	NSYTTRACSR10	10	NSYTTRACSR10	10	NSYTTRACSR10
100	NSYTTRASB4	100	NSYTTRASB4	100	NSYTTRASB4	100	NSYTTRASB4
20	NSYTSDR200BD	20	NSYTSDR200BD	20	NSYTSDR200BD	20	NSYTSDR200BD
12		18		18		25	

Spring terminal blocks - Protective earth



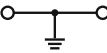
		NSYTRR22PE		NSYTRR23PE		NSYTRR24PE	
Nominal c.s.a.		2.5 mm²		2.5 mm²		2.5 mm²	
	Type of block	Protective earth		Protective earth		Protective earth	
	Type of connection	1 pole - 1 x 1		1 pole - 1 x 2		1 pole - 2 x 2	
	Colour	Green/Yellow		Green/Yellow		Green/Yellow	
Max. electric values		-		-		-	
Dimensions (mm)							
	Length	48.5		60.5		72	
	Height	36.5		36.5		36.5	
	Width	5.2		5.2		5.2	
		2.5		2.5		2.5	
Cabling c.s.a. (mm²)	Flexible cable	0.08 - 2.5		0.08 - 2.5		0.08 - 2.5	
	Solid cable	0.08 - 4		0.08 - 4		0.08 - 4	
Nominal electric values							
	IEC/EN 60947-7-1	-		-		-	
	UL	28 - 12 AWG		28 - 12 AWG		28 - 12 AWG	
	CSA	28 - 12 AWG		28 - 12 AWG		28 - 12 AWG	
	ATEX 	-		-		-	
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRR22PE	50	NSYTRR23PE	50	NSYTRR24PE
Accessories							
End stop for 35mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	-	-	-	-	-	-
	3-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR2	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	10		10		10	



NSYTTR42PE		NSYTTR43PE		NSYTTR44PE		NSYTTR62PE	
4 mm ²		4 mm ²		4 mm ²		6 mm ²	
Protective earth		Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 2		1 pole - 2 x 2		1 pole - 1 x 1	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
56		71.5		87		69.5	
36.5		36.5		36.5		43.5	
6.2		6.2		6.2		8.2	
4		4		4		6	
0.08 - 4		0.08 - 4		0.08 - 4		0.2 - 6	
0.08 - 6		0.08 - 6		0.08 - 6		0.08 - 4	
-		-		-		-	
28 - 10 AWG		28 - 10 AWG		28 - 10 AWG		24 - 8 AWG	
28 - 10 AWG		28 - 10 AWG		28 - 10 AWG		24 - 8 AWG	
-		-		-		-	
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTTR42PE	50	NSYTTR43PE	50	NSYTTR44PE	50	NSYTTR62PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44	50	NSYTRACR62
-	-	-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	NSYTRAL62
-	-	-	-	-	-	10	NSYTRAL63
-	-	-	-	-	-	10	NSYTRAL610
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR6
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10		12	

Spring terminal blocks - Protective earth



		NSYTRR102PE		NSYTRR162PE		NSYTRR352PE	
Nominal c.s.a.		10 mm²		16 mm²		35 mm²	
	Type of block	Protective earth		Protective earth		Protective earth	
	Type of connection	1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
	Colour	Green/Yellow		Green/Yellow		Green/Yellow	
Max. electric values		-		-		1000 V, 125 A	
Dimensions (mm)							
	Length	71.5		80		100	
	Height	50.5		51		59	
	Width	10.2		12.2		16	
Cabling c.s.a. (mm²)		10		16		35	
	Flexible cable	0.2 - 10		0.2 - 16		2.5- 35	
	Solid cable	0.2 - 16		0.2 - 25		2.5- 35	
Nominal electric values							
	IEC/EN 60947-7-1	-		-		-	
	UL	16 - 6 AWG		16 - 4 AWG		14 - 2 AWG	
	CSA	16 - 6 AWG		16 - 4 AWG		14 - 2 AWG	
	ATEX ⚡	-		-		-	
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, EAC	
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRR102PE	25	NSYTRR162PE	10	NSYTRR352PE
Accessories							
End stop for 35mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR102	50	NSYTRACR162	-	included
	Blue	-	-	-	-	-	-
Partition plate, width 2 mm	Grey	-	-	-	-	-	-
	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352
	3-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	-	-	-	-
	Insulating sleeve, red	10	NSYTRAATP1	-	-	-	-
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	-	-	-	-
Warning label	Yellow	10	NSYTRACSR10	10	NSYTRACSR10	10	NSYTRACSR10
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	18		18		25	



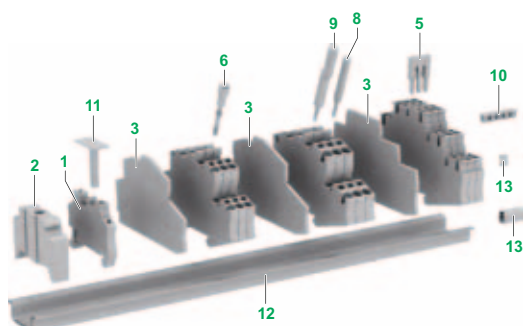
Spring terminal blocks - Double deck passthrough



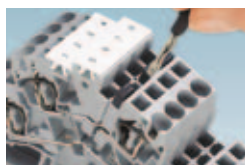
PB502164-25

		NSYTRR24D	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough - Double deck	
	Type of connection	2 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		500 V, 26 A	
Dimensions (mm)			
	Length	78	
	Height	55	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	500 V, 22 A	
	UL	600 V, 20 A, 28 - 12 AWG	
	CSA	600 V, 20 A, 28 - 12 AWG	
	ATEX 	440 V, 19,5 A	
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRR24D
	Blue	50	NSYTRR24DBL
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACRE24
	Blue	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24R
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35x7.2mm	Perforated, 2m long	20	NSYSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	10	

(1) ATEX and IECEx certifications pending.
* The 3 levels are connected.



PB502354-33

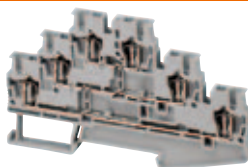


The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double-level NSYTRR24D or NSYTRR44D terminal blocks.

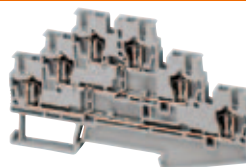
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PB502155-33



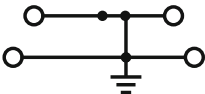
PB502156-33



NSYTRR44D		NSYTRR26T		NSYTRR26TC	
4 mm ²		2.5 mm ²		2.5 mm ²	
Passthrough - Double deck		Passthrough - 3 Levels		Passthrough - 3 Levels	
2 pole - 1 x 1		3 pole - 1 x 1		1 pole - 3 x 3	
Grey		Grey		Grey	
500 V, 34 A		500 V, 28 A		500 V, 28 A	
92.4		99.5		99.5	
55		58		58	
6.2		5.2		5.2	
4		2.5		2.5	
0.08 - 4		0.08 - 2.5		0.08 - 2.5	
0.08 - 6		0.08 - 4		0.08 - 4	
500 V, 28 A		500 V, 20 A		500 V, 20 A	
600 V, 30 A, 28 - 10 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG	
600 V, 30 A, 28 - 10 AWG		600 V, 20 A, 28 - 12 AWG		-	
440 V, 22 A		-		-	
UL, CSA, VDE, GL, LR, DNV, EAC		UL, CSA, VDE, GL, LR, EAC		UL, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR44D	50	NSYTRR26T	50	NSYTRR26TC*
50	NSYTRR44DBL	50	NSYTRR26TBL	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACRE44	50	NSYTRACRE26	50	NSYTRACRE26
-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL22	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220	10	NSYTRAL220
50	NSYTRALV24R	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR2	10	NSYTRACSR2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	

Spring terminal blocks - Double deck protective earth

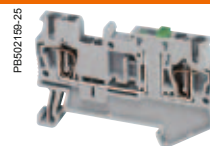


		NSYTTR24DPE	NSYTTR44DPE	NSYTTR26TPE			
Nominal c.s.a.		2.5 mm²	4 mm²	2.5 mm²			
	Type of block	Protective earth - Double deck	Protective earth - Double deck	Protective earth - 3 Levels			
	Type of connection	1 pole - 2 x 2	1 pole - 2 x 2	1 pole - 3 x 3			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
Dimensions (mm)							
	Length	78	92.4	99.5			
	Height	55	55	58			
	Width	5.2	6.2	5.2			
		2.5	4	2.5			
	Cabling c.s.a. (mm²)	Flexible cable	0.08 - 2.5	0.08 - 4	0.08 - 2.5		
	Solid cable	0.08 - 4	0.08 - 6	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	28 - 12 AWG	28 - 10 AWG	28 - 12 AWG			
	CSA	28 - 12 AWG	28 - 10 AWG	28 - 12 AWG			
	ATEX 	-	-	-			
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, EAC			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
Green/Yellow		50	NSYTTR24DPE	50	NSYTTR44DPE	50	NSYTTR26TPE
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE44	50	NSYTRACRE26
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR4	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140					
General data							
Strip length (mm)		10		10		10	

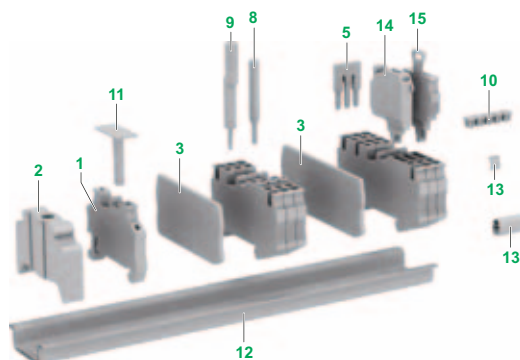
(1) ATEX and IECEx certifications pending.



Spring terminal blocks - Disconnect

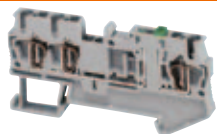


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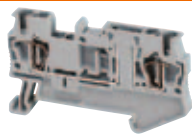


		NSYTRR22SC	
Nominal c.s.a.		2.5 mm²	
	Type of block	Disconnect (blade)	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		400 V, 20 A	
Dimensions (mm)			
	Length	60.5	
	Height	36.5	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	400 V, 20 A	
	UL	600 V, 16 A, 28 - 12 AWG	
	CSA	300 V, 16 A, 28 - 12 AWG	
	ATEX 	-	
Certifications		UL, CSA, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRR22SC
	Orange	50	NSYTRR22SCAR
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR23
	Blue	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPR23
	Blue	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Removable carrier width 6.1 mm 6 A max	For fuse 5 x 20 mm	-	-
	For fuse 5 x 20 mm 110 - 250 V LED	-	-
	For fuse 5 x 20 mm 12 - 30 V LED	-	-
Removable carrier width 5.1 mm 6 A max	For component	-	-
	With 1N4007 diode	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	50	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	10	

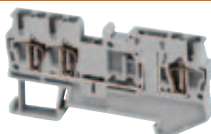
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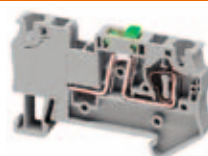
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PB52103-28



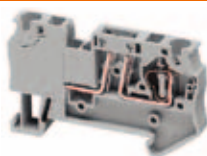
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NSYTRR23SC		NSYTRR22TB		NSYTRR23TB		NSYTRR42SC	
2.5 mm ²		2.5 mm ²		2.5 mm ²		4 mm ²	
Disconnect (blade)		Disconnect (for carrier)		Disconnect (for carrier)		Disconnect (blade)	
1 pole - 1 x 2		1 pole - 1 x 1		1 pole - 1 x 2		1 pole - 1 x 1	
Grey		Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 20 A		400 V; 20 A	
72		60.5		72		61.5	
36.5		36.5		36.5		36.5	
5.2		5.2		5.2		6.2	
2.5		2.5		2.5		2.5	
0.08 - 2.5		0.08 - 2.5		0.08 - 2.5		0.08 - 4	
0.08 - 4		0.08 - 4		0.08 - 4		0.08 - 6	
400 V, 20 A		400 V, 20 A		400 V, 20 A		400 V, 20 A	
600 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 10 A, 28 - 10 AWG	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		-	
-		-		-		-	
UL, CSA, EAC		UL, CSA, EAC		UL, CSA, EAC		UL, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR23SC	50	NSYTRR22TB	50	NSYTRR23TB	50	NSYTRR42SC
50	NSYTRR23SCAR	-	-	-	-	50	NSYTRR42SCAR
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR24	50	NSYTRACR23	50	NSYTRACR24	-	Included
-	-	-	-	-	-	-	-
50	NSYTRAPR24	50	NSYTRAPR23	50	NSYTRAPR24	50	NSYTRAPR23
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
-	-	10	NSYTRASF520	10	NSYTRASF520	-	-
-	-	10	NSYTRASF520M	10	NSYTRASF520M	-	-
-	-	10	NSYTRASF520B	10	NSYTRASF520B	-	-
-	-	10	NSYTRASV1	10	NSYTRASV1	-	-
-	-	10	NSYTRASV2	10	NSYTRASV2	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
50	NSYTRACSR2	50	NSYTRACSR2	50	NSYTRACSR2	50	NSYTRACSR4
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10		10	

Spring terminal blocks - Disconnect

PB502812-28



PB502138-35



		NSYTTR42TB	NSYTTR24SCD
Nominal c.s.a.	Type of block	4 mm ²	2.5 mm ²
	Type of connection	Disconnect (for carrier)	Disconnect (blade)
	Colour	Grey	Grey
	Max. electric values (U _{max} , I _{max})	400 V, 20 A	400 V, 16 A
Dimensions (mm)			
	Length	61.5	107
	Height	36.5	55
	Width	6.2	5.2
Cabling c.s.a. (mm ²)		2.5	2.5
	Flexible cable	0.08 - 4	0.08 - 2.5
	Solid cable	0.08 - 6	0.08 - 4
Nominal electric values			
	IEC/EN 60947-7-1	400 V, 20 A	400 V, 16 A
	UL	300 V, 10 A, 28 - 10 AWG	300 V, 10 A, 28 - 12 AWG
	CSA	-	300 V, 10 A, 28 - 12 AWG
	ATEX	-	-
Certifications		UL, EAC	UL, CSA, EAC
Terminal blocks			
	Grey	Sold in lots of 50	Sold in lots of 50
	Orange	-	-
		Unit reference NSYTTR42TB	Unit reference NSYTTR24SCD
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	50
	With screw, 9.5 mm	50	50
End plate, width 2.2 mm	Grey	-	-
	Blue	-	-
Partition plate, width 2 mm	Grey	50	-
	Blue	-	-
Plug-in bridge Red	2-pole	50	-
	3-pole	50	-
	4-pole	50	-
	5-pole	50	-
	10-pole	10	-
	20-pole	10	-
Removable carrier width 6.1 mm	For fuse 5 x 20 mm	10	-
	For fuse 5 x 20 mm 110 - 250 V LED	10	-
	For fuse 5 x 20 mm 12 - 30 V LED	10	-
Removable carrier width 5.1 mm	For component	10	-
	With 1N4007 diode	10	-
Test plug	Metallic part, Ø 2.3 mm	10	10
	Insulating sleeve, red	10	10
Test adaptor	For plug-in bridge shaft	10	10
Warning label	Yellow	50	50
Marker tag holder	For ●AB35 end stop	100	100
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	20
Marking accessories	See page 140		
General data			
	Strip length (mm)	10	10



Spring terminal blocks - Miniature passthrough and miniature protective E

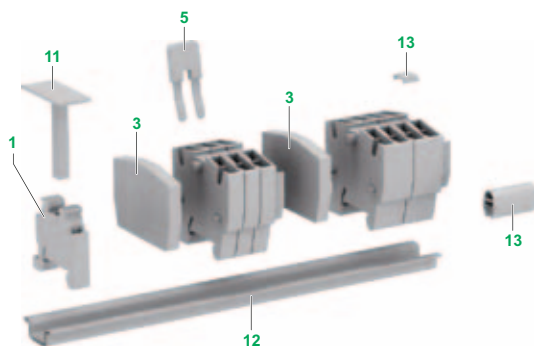
DIN rail mounting



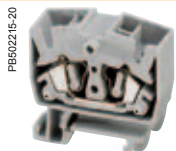
PR602218-20

		NSYTRR22M	
Nominal c.s.a.	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
	Max. electric values (Umax, Imax)	800 V, 30 A	
Dimensions (mm)			
	Length	32	
	Height	30	
	Width	5.2	
Mounting on		NS15 Din rail	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	800 V, 24 A	
	UL	600 V, 20 A, 28 - 12 AWG	
	CSA	600 V, 20 A, 28 - 12 AWG	
	ATEX ⚡	690 V, 22 A	
Certifications (1)		UL, CSA, EAC	
Terminal blocks			
 or 		Sold in lots of	Unit reference
	Grey	50	NSYTRR22M
	Blue	50	NSYTRR22MBL
	Grey, with flange	-	-
Accessories			
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15
End plate, width 2.2 mm	Grey	50	NSYTRACRM22
	Grey, with flange	-	-
Insertion bridge	2-pole	-	-
Grey			
Marker tag holder	For ●AB15 end stop	100	NSYTRASB4
DIN rail 15 x 7.2 mm	Perforated, 2 m long	10	NSYTRADR155
Marking accessories (for all mini spring terminals)		Only for NSYTRABF●. See page 141	
General data			
	Strip length (mm)	8	
	Plate thickness (mm)	-	
	Hole diameter (mm)	-	

(1) ATEX and IECEx certifications pending.



Earth



PB602215-20



PB602306-20

NSYTRR24M

2.5 mm²

Passthrough

1 pole - 2 x 2

Grey

800 V, 30 A

NSYTRR22MPE

2.5 mm²

Protective earth

1 pole - 1 x 1

Green/Yellow

-

32

30

10.4

NS15 Din rail

2.5

0.08 - 2.5

0.08 - 4

32

30

5.2

NS15 Din rail

2.5

0.08 - 2.5

0.08 - 4

800 V, 24 A

600 V, 20 A, 28 - 12 AWG

600 V, 20 A, 28 - 12 AWG

690 V, 22 A

UL, CSA, EAC

-

28 - 12 AWG

28 - 12 AWG

-

UL, CSA, EAC

Sold in lots of

Unit reference

50

NSYTRR24M

50

NSYTRR24MBL

-

-

Sold in lots of

Unit reference

50

NSYTRR22MPE

-

-

-

-

50

NSYTRAAB15

50

NSYTRACRM22

-

-

10

NSYTRALM22

100

NSYTRASB4

10

NSYTRADR155

50

NSYTRAAB15

50

NSYTRACRM22

-

-

-

-

100

NSYTRASB4

10

NSYTRADR155

8

-

-

8

-

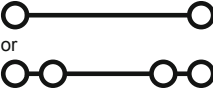
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Spring terminal blocks - Miniature passthrough and miniature protective E

Direct mounting (flange)

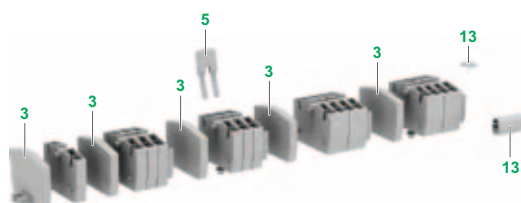
PB5022 16-20



		NSYTRR22MF	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		800 V, 30 A	
Dimensions (mm)			
	Length	32	
	Height	22	
	Width	5.2	
Mounting on		Direct mounting	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	800 V, 24 A	
	UL	600 V, 20 A, 28 - 12 AWG	
	CSA	600 V, 20 A, 28 - 12 AWG	
	ATEX 	550 V, 22 A	
Certifications (1)		UL, CSA, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRR22MF
	Blue	50	NSYTRR22MFBL
	Grey, with flange	50	NSYTRR22MFF (2)
Accessories			
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	-	-
End plate, width 2.2 mm	Grey	50	NSYTRACRM22
	Grey, with flange	50	NSYTRACRMF22 (2)
Insertion bridge	2-pole	-	-
Grey			
Marker tag holder	For ●AB15 end stop	100	NSYTRASB4
DIN rail 15 x 7.2 mm	Perforated, 2 m long	-	-
Marking accessories (for all mini spring terminals)		Only for NSYTRABF● . See page 141	
General data			
	Strip length (mm)	8	
	Plate thickness (mm)	-	
	Hole diameter (mm)	-	

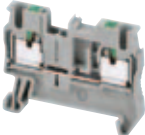
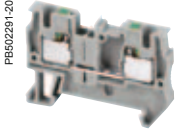
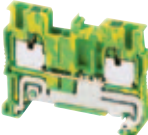
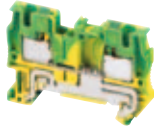
(1) ATEX and IECEx certifications pending.

(2) Can only be used at the end of a group of terminals.

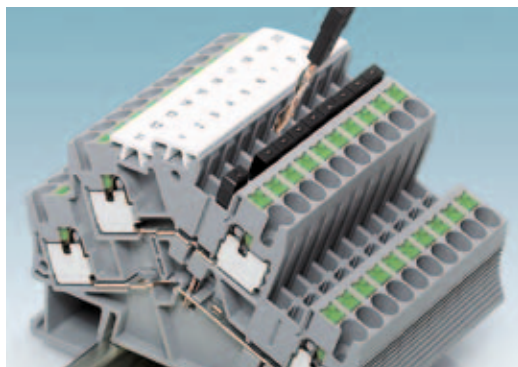


Earth

For micro-perforated mounting plates						
						
NSYTRR24MF		NSYTRR22MP		NSYTRR24MP		
2.5 mm ²		2.5 mm ²		2.5 mm ²		
Passthrough		Passthrough		Passthrough		
1 pole - 2 x 2		1 pole - 1 x 1		1 pole - 2 x 2		
Grey		Grey		Grey		
800 V, 30 A		800 V, 30 A		800 V, 30 A		
32		32		32		
22		22		22		
10.4		5.2		10.4		
Direct mounting		Pin mounting		Pin mounting		
2.5		2.5		2.5		
0.08 - 2.5		0.08 - 2.5		0.08 - 2.5		
0.08 - 4		0.08 - 4		0.08 - 4		
800 V, 24 A		800 V, 24 A		800 V, 24 A		
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		
550 V, 22 A		550 V, 22 A		550 V, 22 A		
UL, CSA, EAC		UL, CSA, EAC		UL, CSA, EAC		
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
50	NSYTRR24MF	50	NSYTRR22MP	10	NSYTRR24MP	
50	NSYTRR24MFBL	50	NSYTRR22MPBL	10	NSYTRR24MPBL	
50	NSYTRR24MFF (2)	-	-	-	-	
-	-	-	-	-	-	
50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22	
50	NSYTRACRMF22 (2)	-	-	-	-	
10	NSYTRALM22	-	-	10	NSYTRALM22	
100	NSYTRASB4	100	NSYTRASB4	100	-	
-	-	-	-	-	-	
8		8		8		
-		0.6 - 1.5		0.6 - 1.5		
-		3.5		3.5		

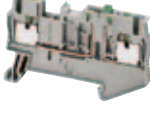
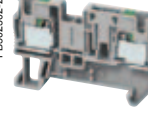
Push-in		Passthrough		Protective earth	
		Passthrough			
					
		2.5	4	2.5	4
Number of poles	Nominal c.s.a (mm²)				
	1 - 1 x 1	NSYTRP22	NSYTRP42	NSYTTP22PE	NSYTTP42PE
	1 - 1 x 2	NSYTRP23	NSYTRP43	NSYTTP23PE	NSYTTP43PE
	1 - 2 x 2	NSYTRP24	NSYTRP44	NSYTTP24PE	NSYTTP44PE
	1 - 2 x 4	-	-	-	-
	1 - 3 x 3	-	-	-	-
	2 - 1 x 1	-	-	-	-
	2 - 1 x 2	-	-	-	-
	3 - 1 x 1	-	-	-	-
Colours	Grey	■	■	-	-
	Blue	NSYTRP22BL NSYTRP23BL NSYTRP24BL	NSYTRP42BL NSYTRP43BL NSYTRP44BL	-	-
	Green/yellow (PE)	-	-	■	■
	Orange	NSYTRP22AR NSYTRP23AR	-	-	-
	Black	-	-	-	-
	With flange	-	-	-	-
Mounting on	35 mm 	■	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		126/127	127/128	130	131

PB502360-70

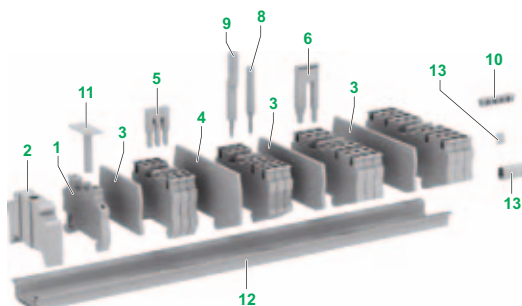
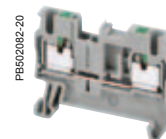


Vertical bridge

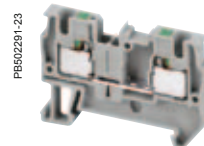
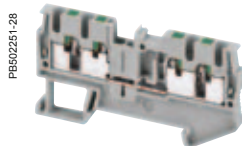
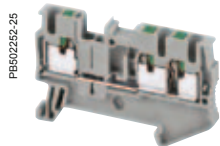
The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRP24D** terminal block.

	Double deck	Disconnect		Hybrid: Screw - IDC connection	
		Blade	Removable carrier	Passthrough	
					
	2.5	2.5	2.5 & 4	1.5	2.5
	-	NSYTRP22SC	NSYTRP22TB NSYTRP42TB	NSYTRH12	NSYTRH22
	-	NSYTRP23SC	-	NSYTRH13	-
	-	NSYTRP24SC	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	NSYTRP24D	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	■	■
	NSYTRP24DBL	-	-	-	-
	NSYTRP24DPE	-	-	NSYTRH12PE	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	-	-
	■	■	■	-	-
	-	-	-	-	-
	-	-	-	■	■
	132	134/135	135	136/137	137

Push-in terminal - Passthrough

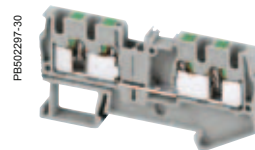
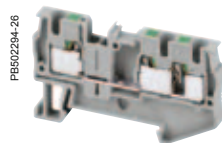


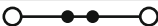
		NSYTRP22	
Nominal c.s.a.		2.5 mm ²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (U _{max} , I _{max})		800 V, 30 A	
Dimensions (mm)			
	Length	48.5	
	Height	36.5	
	Width	5.2	
Cabling c.s.a. (mm ²)		2.5	
	Flexible cable	0.14 - 2.5	
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	800 V, 24 A	
	UL	600 V, 20 A, 24 -12 AWG	
	CSA	600 V, 20 A, 24 -12 AWG	
	ATEX 	550 V, 22 A	
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRP22
	Blue	50	NSYTRP22BL
	Orange	50	NSYTRP22AR
Accessories			
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
End plate	Grey	50	NSYTRACR22
width 2.2 mm	Blue	50	NSYTRACR22BL
Partition plate	Grey	50	NSYTRAPR42
width 2 mm	Blue	-	-
Plug-in bridge	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
	Red	10-pole	10
Blue	10-pole	10	NSYTRAL210GR
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-
	Spring to spring terminal	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Marker tag holder	For  AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	10	



NSYTRP23		NSYTRP24		NSYTRP42	
2.5 mm ²		2.5 mm ²		4 mm ²	
Passthrough		Passthrough		Passthrough	
1 pole - 1 x 2		1 pole - 2 x 2		1 pole - 1 x 1	
Grey		Grey		Grey	
800 V, 30 A		800 V, 30 A		800 V, 38 A	
60.5		72		56	
36.5		36.5		36.5	
5.2		5.2		6.2	
2.5		2.5		4	
0.14 - 2.5		0.14 - 2.5		0.2 - 4	
0.14 - 4		0.14 - 4		0.2 - 6	
800 V, 24 A		800 V, 24 A		800 V, 32 A	
600 V, 20 A, 24 - 12 AWG		600 V, 20 A, 24 - 12 AWG		600 V, 30 A, 24 - 10 AWG	
600 V, 20 A, 24 - 12 AWG		600 V, 20 A, 24 - 12 AWG		600 V, 30 A, 24 - 10 AWG	
550 V, 22 A		550 V, 22 A		550 V, 29 A	
UL, CSA, VDE, ATEX, IECEx, GL, LR, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, EAC		UL, CSA, ATEX, IECEx, GL, LR, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP23	50	NSYTRP24	50	NSYTRP42
50	NSYTRP23BL	50	NSYTRP24BL	50	NSYTRP42BL
50	NSYTRP23AR	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR23	50	NSYTRACR24	50	NSYTRACR42
50	NSYTRACR23BL	50	NSYTRACR24BL	-	-
50	NSYTRAPR23	50	NSYTRAPR24	50	NSYTRAPR42
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL410BL
10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL410GR
-	-	-	-	-	-
-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		12	

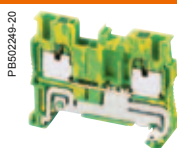
Push-in terminal - Passthrough

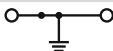


		NSYTRP43	NSYTRP44		
Nominal c.s.a.		4 mm²	4 mm²		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2		
	Colour	Grey	Grey		
Max. electric values (Umax , Imax)		800 V, 38 A	800 V, 38 A		
Dimensions (mm)					
	Length	66.5	77		
	Height	36.5	36.5		
	Width	6.2	6.2		
		4	4		
	Flexible cable	0.2 - 4	0.2 - 4		
	Solid cable	0.2 - 6	0.2 - 6		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 32 A	800 V, 32 A		
	UL	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG		
	CSA	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG		
	ATEX 	550 V, 29 A	550 V, 29 A		
Certifications		UL, CSA, ATEX, IECEx, GL, LR, EAC	UL, CSA, ATEX, IECEx, GL, LR, EAC		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRP43	50	NSYTRP44
	Blue	50	NSYTRP43BL	50	NSYTRP44BL
	Orange	-	-	-	-
Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate	Grey	50	NSYTRACP43	50	NSYTRACP44
width 2.2 mm	Blue	-	-	-	-
Partition plate	Grey	-	-	-	-
width 2 mm	Blue	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL42	50	NSYTRAL42
Red	3-pole	50	NSYTRAL43	50	NSYTRAL43
	4-pole	50	NSYTRAL44	50	NSYTRAL44
	5-pole	50	NSYTRAL45	50	NSYTRAL45
	10-pole	10	NSYTRAL410	10	NSYTRAL410
	20-pole	10	NSYTRAL420	10	NSYTRAL420
Blue	10-pole	10	NSYTRAL410BL	10	NSYTRAL410BL
Grey	10-pole	10	NSYTRAL410GR	10	NSYTRAL410BL
Step-down bridge, down to 2.5/4 mm²	Screw to screw terminal	-	-	-	-
	Spring to spring terminal	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 140			
General data					
	Strip length (mm)	12		12	



Push-in terminal blocks - Protective earth

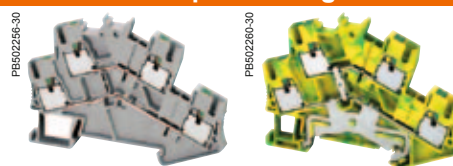


		NSYTRP22PE	NSYTRP23PE	NSYTRP24PE			
Nominal c.s.a.		2.5 mm²	2.5 mm²	2.5 mm²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
Dimensions (mm)							
	Length	48.5	60.5	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	24 - 12 AWG	24 - 12 AWG	24 - 12 AWG			
	CSA	24 - 12 AWG	24 - 12 AWG	24 - 12 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEX, GL, LR, EAC	UL, CSA, VDE, ATEX, IECEX, GL, LR, EAC	UL, CSA, VDE, ATEX, IECEX, GL, LR, EAC			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRP22PE	50	NSYTRP23PE	50	NSYTRP24PE
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD
Marking accessories		See page 140					
General data							
	Strip length (mm)	10		10		10	



NSYTRP42PE		NSYTRP43PE		NSYTRP44PE	
4 mm ²		4 mm ²		4 mm ²	
Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 2		1 pole - 2 x 2	
Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-	
56		66.5		77	
36.5		36.5		36.5	
6.2		6.2		6.2	
4		4		4	
0.08 - 4		0.08 - 4		0.08 - 4	
0.08 - 6		0.08 - 6		0.08 - 6	
-		-		-	
24 - 10 AWG		24 - 10 AWG		24 - 10 AWG	
24 - 10 AWG		24 - 10 AWG		24 - 10 AWG	
-		-		-	
UL, CSA, ATEX, IECEx, GL, LR, EAC		UL, CSA, ATEX, IECEx, GL, LR, EAC		UL, CSA, ATEX, IECEx, GL, LR, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP42PE	50	NSYTRP43PE	50	NSYTRP44PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACP43	50	NSYTRACP44
-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
12		12		12	

Push-in terminal blocks - Double deck passthrough



	NSYTRP24D	NSYTRP24DPE
Nominal c.s.a.	2.5 mm ²	2.5 mm ²
Type of block	Passthrough - Double deck	Protective earth - Double deck
Type of connection	2 pole - 1 x 1	1 pole - 2 x 2
Colour	Grey	Green/Yellow
Max. electric values (Umax, Imax)	500 V, 24 A	-
Dimensions (mm)		
Length	78	78
Height	55	55
Width	5.2	5.2
Cabling c.s.a. (mm ²)	2.5	2.5
Flexible cable	0.14 - 2.5	0.14 - 2.5
Solid cable	0.14 - 4	0.14 - 4
Nominal electric values		
IEC/EN 60947-7-1	500 V, 22 A	-
UL	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG
CSA	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG
ATEX	-	-
Certifications (1)	UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, DNV, EAC

Terminal blocks

	Sold in lots of	Unit reference	Sold in lots of	Unit reference
Grey	50	NSYTRP24D	50	NSYTRP24DPE
Blue	50	NSYTRP24DBL	-	-

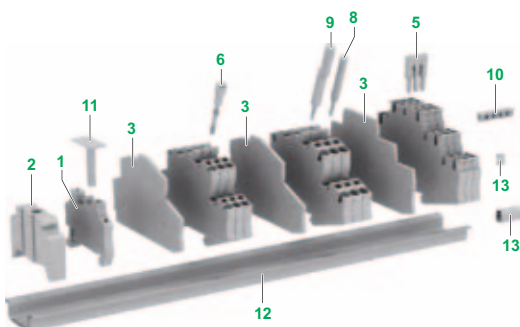
Accessories

1 End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
2 for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
3 End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE24
	Blue	-	-	-	-
5 Plug-in bridge	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220
6 Vertical bridge	1-pole	50	NSYTRALV24R	-	-
8 Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
9 Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
11 Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
12 DIN rail	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD
13 Marking accessories		See page 140			

General data

Strip length (mm)	10	10
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(1) ATEX and IECEx certifications pending.



PB502360-33



The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double deck NSYTRP24D terminal block.

PE60281636



PE60281636

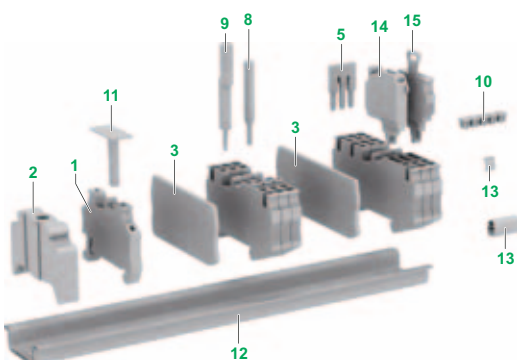
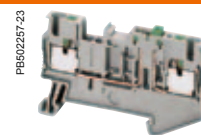


NSYTRP26T	NSYTRP26TPE
2.5 mm²	2.5 mm²
Passthrough - 3 Levels	Protective earth - 3 Levels
3 pole - 1 x 1	1 pole - 3 x 3
Grey	Green/Yellow
500 V, 24 A	-
102	102
58	58
5.2	5.2
2.5	2.5
0.14 - 2.5	0.14 - 2.5
0.14 - 4	0.14 - 4
500 V, 20 A	-
300 V, 20 A, 26 -12 AWG	26 -12 AWG
300 V, 20 A, 26 -12 AWG	-
-	-
UL, CSA, EAC	UL, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP26T	50	NSYTRP26TPE
50	NSYTRP26TBL	-	-
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACPE26	50	NSYTRACPE26
-	-	-	-
50	NSYTRAL22	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL220
-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD

10	10
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Push-in terminal blocks - Disconnect



		NSYTRP22SC	
Nominal c.s.a.		2.5 mm²	
	Type of block	Disconnect (blade)	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		400 V, 20 A	
Dimensions (mm)			
	Length	62	
	Height	36.5	
	Width	5.2	
		2.5	
	Cabling c.s.a. (mm²)	Flexible cable	0.14 - 2.5
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	400 V, 20 A	
	UL	300 V, 20 A, 26 -12 AWG	
	CSA	300 V, 20 A, 26 -12 AWG	
	ATEX 	-	
Certifications		UL, CSA, VDE, GL, LR, EAC	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRP22SC
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACPK22
	Blue	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPR23
	Blue	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Removable carrier width 6.1 mm	For fuse 5 x 20 mm	-	
	For fuse 5 x 20 mm 110 V	-	
	For fuse 5 x 20 mm 12 V	-	
Removable carrier width 5.1 mm	For component	-	
	With 1N4007 diode	-	
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 140	
General data			
	Strip length (mm)	10	

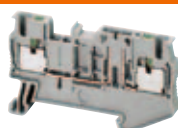
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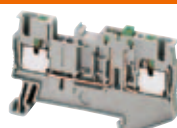
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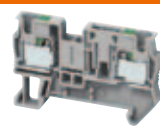
PB502258-23



PB502257-23



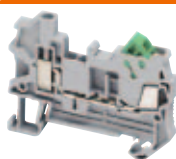
PB502302-20



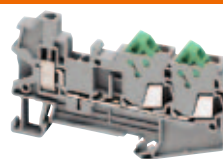
NSYTRP23SC		NSYTRP24SC		NSYTRP22TB		NSYTRP42SC		NSYTRP42TB	
2.5 mm²		2.5 mm²		2.5 mm²		4 mm²		4 mm²	
Disconnect (blade)		Disconnect (blade)		Disconnect (for carrier)		Disconnect (blade)		Disconnect (for carrier)	
1 pole - 1 x 2		1 pole - 2 x 2		1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey		Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 20 A		400 V, 20 A		400 V, 20 A	
72		72		62		56		56	
36.5		36.5		36.5		36.5		36.5	
5.2		5.2		5.2		6.2		6.2	
2.5		2.5		2.5		4		4	
0.14 - 2.5		0.14 - 2.5		0.14 - 2.5		0.2 - 4		0.2 - 4	
0.14 - 4		0.14 - 4		0.14 - 4		0.2 - 6		0.2 - 6	
400 V, 20 A		400 V, 20 A		400 V, 20 A		400 V, 20 A		400 V, 20 A	
300 V, 20 A, 26 -12 AWG		300 V, 20 A, 26 -12 AWG		300 V, 20 A, 26 -12 AWG		300 V, 20 A, 24 -12 AWG		300 V, 20 A, 24 -12 AWG	
300 V, 20 A, 26 -12 AWG		300 V, 20 A, 26 -12 AWG		300 V, 20 A, 26 -12 AWG		300 V, 20 A, 24 -12 AWG		300 V, 20 A, 24 -12 AWG	
-		-		-		-		-	
UL, CSA, VDE, GL, LR, EAC		UL, CSA, VDE, GL, LR, EAC		UL, CSA, VDE, GL, LR, EAC		UL, CSA, EAC		UL, CSA, VDE, GL, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP23SC	50	NSYTRP24SC	50	NSYTRP22TB	50	NSYTRP42SC	50	NSYTRP42TB
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACPK23	50	NSYTRACPK24	50	NSYTRACPK22	50	NSYTRACR42	50	NSYTRACR42
-	-	-	-	-	-	-	-	-	-
50	NSYTRAPR24	-	-	-	-	50	NSYTRAPR24	50	NSYTRAPR24
-	-	-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420
-	-	-	-	10	NSYTRASF520	-	-	10	NSYTRASF520
-	-	-	-	10	NSYTRASF520M	-	-	10	NSYTRASF520M
-	-	-	-	10	NSYTRASF520B	-	-	10	NSYTRASF520B
-	-	-	-	10	NSYTRASV1	-	-	10	NSYTRASV1
-	-	-	-	10	NSYTRASV2	-	-	10	NSYTRASV2
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10		10		10	

Hybrid terminal blocks - Passthrough

PB502117-23



PB502118-30



		NSYTRH12	NSYTRH13
Nominal c.s.a.	Type of block	Passthrough	Passthrough
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2 (1 screw x 2 IDC)
	Colour	Grey	Grey
	Max. electric values (Umax, Imax)	800 V, 17 A	800 V, 17 A
Dimensions (mm)			
	Length	58.8	76.4
	Height	42.8	42.8
	Width	5.2	5.2
Cabling c.s.a. (mm²)	IDC connection	1.5	1.5
	Flexible cable	0.5 - 1.5	0.5 - 1.5
Cabling c.s.a. (mm²)	Screw connection	1.5	1.5
	Flexible cable	0.14 - 2.5	0.14 - 2.5
	Solid cable	0.14 - 4	0.14 - 4
Nominal electric values			
	IEC/EN 60947-7-1	800 V, 17 A	800 V, 17 A
	UL	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG
	CSA	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG
	ATEX ⚡	550 V, 16.5 A	550 V, 16.5 A
Certifications		UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, EAC
Terminal blocks			
	Grey	Sold in lots of 50	Unit reference NSYTRH12
			Sold in lots of 50
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACH12
	Blue	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPD12
	Blue	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories	See page 140		
General data			
	Strip length (mm)	9	9
	Screw thread	M3	M3
	Torque (Nm)	0.5 - 0.6	0.6 - 0.8



NSYTRH22		NSYTRH12PE	
2.5 mm ²		1.5 mm ²	
Passthrough		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Green/Yellow	
800 V, 24 A		-	
62.6		58.8	
42.8		42.8	
6.2		5.2	
2.5		1.5	
0.5 - 2.5		0.5 - 1.5	
2.5		1.5	
0.14 - 4		0.14 - 2.5	
0.14 - 6		0.14 - 4	
800 V, 24 A		-	
600 V, 15 A, 20 - 14 AWG		24 - 16 AWG	
600 V, 15 A, 20 - 14 AWG		24 - 16 AWG	
550 V, 22 A		-	
UL, CSA, ATEX, IECEx, EAC		UL, CSA, ATEX, IECEx, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRH22	50	NSYTRH12PE
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACH22	50	NSYTRACH12
-	-	-	-
-	-	50	NSYTRAPD12
-	-	-	-
50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD
10		14	
M4		M5	
1.5 - 1.8		2.5 - 3	

Accessories

									
Test accessories		NSYTRAFT	NSYTRAFT●●	NSYTRAATM1	NSYTRAATP1				
Description		Test adapter for Ø 4 mm test plugs	Snap-on test adapter for Ø 4 mm test plugs	Test adapter - metallic part Ø 2.3 mm	Test adapter - plastic part				
Dimensions W / D / H (mm)		6 / 6.5 / 51 mm	6 / 6.5 / 51 mm	5 / 5 / 10.8 mm	5 / 5 / 20 mm				
Material		Polyamide (PA 6.6)	Polyamide (PA 6.6)	Silver-plated brass	Polyamide (PA 6.6)				
Colour		Grey	Orange / Yellow / Green	Silver	Red				
Inflammability class acc. to UL 94		V0	V0	-	V0				
Temperature range (°C)		-40 ... +125	-40 ... +125	-40 ... +125	-40 ... +125				
Compatibility		For 2.5 mm², 4 mm² & 6 mm² terminals	For 6 mm² terminals	For 2.5 mm², 4 mm² & 6 mm² terminals	-				
For terminal block width		5.2 mm; 6.2 mm & 8.2 mm	8.2 mm	5.2 mm; 6.2 mm & 8.2 mm	-				
Mounting position		Plugs in bridge shafts	Plugs in bridge shafts Cannot be removed	Plugs in bridge shafts For 2.3 mm Ø socket hole	For NSYTRAATM1 metal part				
Marking strips									
		Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference		
Color	Grey	10	NSYTRAFT	-	-	10	NSYTRAATM1	-	-
	Orange	-	-	10	NSYTRAFTAR	-	-	-	-
	Yellow	-	-	10	NSYTRAFTYE	-	-	-	-
	Green	-	-	10	NSYTRAFTGN	-	-	-	-
	Red	-	-	-	-	-	-	10	NSYTRAATP1

Accessories

							
Insulation accessories		NSYTRAAB35	NSYTRAABV35	NSYTRAAB15			
Description		End stop, clip-on	End stop, with screw	End stop, clip-on			
Dimensions W / D / H (mm)		5.2 / 48.5 / 35	9.5 / 48.6 / 32.8	5.2 / 22 / 22.6 mm			
Material		Polyamide (PA)	Polyamide (PA)	Polyamide (PA)			
Colour		Grey	Grey	Grey			
Inflammability class acc. to UL 94		V2	V2	V2			
Temperature range (°C)		-40 ... +100	-40 ... +100	-40 ... +100			
Compatibility		For NS 35/7.5 or NS 35/15 DIN rail	For NS 35/7.5 or NS 35/15 DIN rail	For NS 15 DIN rail			
For terminal block width		-	-	-			
Mounting position		Markable with NSYTRABF5● strips	Markable with NSYTRAB8● strips	Markable with NSYTRABF5● strips			
Marking strips							
		Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference
Color	Grey	50	NSYTRAAB35	50	NSYTRAABV35	50	NSYTRAAB15
	Orange	-	-	-	-	-	-
	Yellow	-	-	-	-	-	-



NSYTRAF2 / 4 / 6	NSYTRAPT16 / 35	NSYTRASV●	NSYTRASF520●
Modular test plug with 1.5 mm ² spring cage connection	Pick-off terminal blocks. For connecting 2.5 mm ² cables to 16 & 35 mm ² terminals	Removable component carrier - with spring cage contact - 6 A max	Removable fuse carrier For fuse 5 x 20 mm - 6 A max
5.2 (6.2; 8.2) / 22.4 / 60 mm	8.2 / 20.7 / 34.7	5.1 / 24 / 22 mm	6.1 / 28 / 25 mm
Polyamide (PA 6.6)	Polyamide (PA 6.6)	Polyamide (PA 6.6)	Polyamide (PA 6.6)
Red	Grey	Grey	Black
V0	V0	V0	V0
-40 ... +125	-40 ... +125	-40 ... +125	-40 ... +125
NSYTRAF2 - for 2.5 mm ² terminals NSYTRAF4 - for 4 mm ² terminals NSYTRAF6 - for 6 mm ² terminals	For 16 mm ² & 35 mm ² terminals In = 32 A	For all disconnect terminals	For 4 mm ² disconnect terminals Only for individual 2.5 mm ² disconnect terminals
NSYTRAF2 - 5.2 mm NSYTRAF4 - 6.2 mm NSYTRAF6 - 8.2 mm	12.2 mm & 16 mm	5.2 mm & 6.2 mm	6.2 mm (& 5.2 mm)
Plugs in bridge shafts Markable with NSYTRABF●● strips	Snapp-in the lateral guide of the terminal Markable with NSYTRAB10● strips	Plugs in the disconnect area Markable with NSYTRABF5● strips	Plugs in the disconnect area Markable with NSYTRAB6● strips Only for single 5.2 mm terminal blocks

Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference
-	-	10 10	NSYTRAPT16 NSYTRAPT35	10 10	NSYTRASV1 for component NSYTRASV2 with 1N4007 diode	10 10 10	NSYTRASF520 NSYTRASF520M with LED 110-250V NSYTRASF520B with LED 11-30 V
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10 10 10	NSYTRAF2 NSYTRAF4 NSYTRAF6	-	-	-	-	-	-



NSYTRACS●	NSYTRACSR●	NSYTRASB4
Warning label for screw terminals	Warning cover for spring and push-in terminals	Terminal strip marker carrier, height-adjustable
-	-	10 / 22 / 27
Polyamide	Polyamide	Polyamide
Yellow	Yellow	Grey
V0	V2	V2
-40 ... +125	-40 ... +100	-40 ... +100
Only for screw terminal from 2.5 mm ² upto 35 mm ²	Only for spring or push-in terminal from 2.5 mm ² upto 35 mm ²	For NSYTRAAB35, NSYTRAABV35 & NSYTRAAB15 end stop
5.2 / 6.2 / 8.2 / 10.2 / 12 / 16 mm	5.2 / 6.2 / 8.2 / 10.2 / 12 / 16 mm	-
The warning label snap into the screw shafts of the relevant terminal	The warning cover snap into the actuation shafts of the relevant terminal	Snap into the shaft of the end stop Markable with LA9D91 or LA9D93 labels

Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference
-	-	-	-	100	NSYTRASB4
-	-	-	-	-	-
10 10 10 10 10 10	NSYTRACS2 NSYTRACS4 NSYTRACS6 NSYTRACS10 NSYTRACS16 NSYTRACS35	10 10 10 10	NSYTRACSR2 NSYTRACSR4 NSYTRACSR6 NSYTRACSR10	-	-

Marking accessories

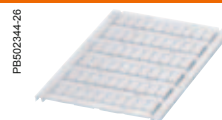


Clip-in marker strips	NSYTRAB5●	NSYTRAB6●	NSYTRAB8●
Description	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Material	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Colour	Black markings on white background	Black markings on white background	Black markings on white background
Inflammability class acc. to UL 94	V2	V2	V2
Temperature range (°C)	-40 ... +100	-40 ... +100	-40 ... +100
Compatibility	For all 2,5 mm² terminal blocks For 10 mm² TBs: 2 marking elements for 1 terminal	For all 4 mm² terminal blocks For 16 mm² TBs: 2 marking elements for 1 terminal	For 6 mm² TBs: NSY TRV / TRR For 35 mm² TBs: 2 marking elements for 1 terminal
For terminal block width	5.2 mm	6.2 mm	8.2 mm
Mounting position	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP terminal blocks

Marking strips

Printed characters	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
1 10	10	NSYTRAB510	10	NSYTRAB610	10	NSYTRAB810
11 20	10	NSYTRAB520	10	NSYTRAB620	10	NSYTRAB820
21 30	10	NSYTRAB530	10	NSYTRAB630	10	NSYTRAB830
31 40	10	NSYTRAB540	10	NSYTRAB640	10	NSYTRAB840
41 50	10	NSYTRAB550	10	NSYTRAB650	10	NSYTRAB850
51 60	10	NSYTRAB560	10	NSYTRAB660	10	NSYTRAB860
61 70	10	NSYTRAB570	10	NSYTRAB670	10	NSYTRAB870
71 80	10	NSYTRAB580	10	NSYTRAB680	10	NSYTRAB880
81 90	10	NSYTRAB590	10	NSYTRAB690	10	NSYTRAB890
91 100	10	NSYTRAB5100	10	NSYTRAB6100	10	NSYTRAB8100
1 100 (1 - 10; 11 - 20; ... 91 - 100)	100	NSYTRAB51100	100	NSYTRAB61100	-	-
L1, L2, L3, N, PE, L1, L2, L3, N, PE	10	NSYTRAB5L1N	10	NSYTRAB6L1N	-	-
Letters (A to Z)	-	-	-	-	-	-
Numbers (0 to 9)	-	-	-	-	-	-

Marking cards



Blank marking cards	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
72 characters (6 strips)	10	NSYTRABPV5	-	-	-	-
60 characters (6 strips)	-	-	10	NSYTRABPV6	-	-
42 characters (6 strips)	-	-	-	-	10	NSYTRABPV8

Marking cards for AB1/DB6 terminals and Multi9 Acti9 range (2)

Blank (60 characters max.)	-	-	10	NSYTRAXPV6	-	-
1 10 (6 strips)	-	-	10	NSYTRAXP610	-	-
11 20 (6 strips)	-	-	10	NSYTRAXP620	-	-
21 30 (6 strips)	-	-	10	NSYTRAXP630	-	-
31 40 (6 strips)	-	-	10	NSYTRAXP640	-	-
41 50 (6 strips)	-	-	10	NSYTRAXP650	-	-
L1, L2, L3 (60 characters max.)	-	-	10	NSYTRAX6L1L3	-	-

Accessories

Plotter adapter for marking cards	1	NSYTRABMP1	1	NSYTRABMP1	1	NSYTRABMP1
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(1) For 16mm² terminal blocks or bigger, the strip must be broken and use the individual marking characters.

(2) Only for AB1 terminal blocks 4mm²; and for Multi9 Acti9 range. Can't be used in NSYTR terminals.

(3) Complete the reference by replacing the dot with the required letter. Each lot includes 10 strips with 10 letters each.

(4) Complete the reference by replacing the dot with the required number. Each lot includes 10 strips with 10 numbers each.

PB502340-16



PB502350-20



NSYTRAB10●	NSYTRABF5●	NSYTRABF6●
10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Black markings on white background	Black markings on white background	Black markings on white background
V2	V2	V2
-40 ... +100	-40 ... +100	-40 ... +100
For $\geq 10 \text{ mm}^2$ TBs: NSY TRV / TRR	For all $2,5 \text{ mm}^2$ terminal blocks For 10 mm^2 TBs: 2 marking elements for 1 terminal.	For all 4 mm^2 terminal blocks For 16 mm^2 TBs: 2 marking elements for 1 terminal.
$\geq 10.2 \text{ mm}$ (1)	5.2 mm	6.2 mm
Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP terminal blocks	Lateral sides for all NSYTR terminal blocks	Lateral sides for all NSYTR terminal blocks

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
10	NSYTRAB1010	10	NSYTRABF510	10	NSYTRABF610
10	NSYTRAB1020	10	NSYTRABF520	10	NSYTRABF620
10	NSYTRAB1030	10	NSYTRABF530	10	NSYTRABF630
10	NSYTRAB1040	10	NSYTRABF540	10	NSYTRABF640
10	NSYTRAB1050	10	NSYTRABF550	10	NSYTRABF650
10	NSYTRAB1060	-	-	-	-
10	NSYTRAB1070	-	-	-	-
10	NSYTRAB1080	-	-	-	-
10	NSYTRAB1090	-	-	-	-
10	NSYTRAB10100	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	10	NSYTRABF5● (3)	-	-
-	-	10	NSYTRABF5● (4)	10	NSYTRABF6● (4)

PB502341-26



PB502342-26



Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
-	-	10	NSYTRABFPV5	-	-
-	-	-	-	10	NSYTRABFPV6
-	-	-	-	10	NSYTRABFPV8 (3)
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	1	NSYTRABMP2	1	NSYTRABMP2

Marking accessories

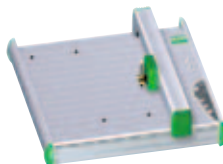
PB502201-20



		NSYTRABCV●	
		Marking collars for cables	
Description		Open marker carrier, 15 mm wide, for clipping into wire	
	Material	PVC (Siliconefree)	
	Colour	White marker with transparent sleeve	
	Inflammability class according to UL 94	V0	
	Temperature range [°C]	-50 ... +80	
Compatibility		For conductor diameter 2 mm up to 8 mm	
	Mounting position	Clip-on to the cable	
	Marking elements	With any of the NSYTRABCP● marking elements	
Marking collars and inserts			
Marking collars		Sold in lots of	Unit reference
for conductor diameter	2 to 3.5 mm	500	NSYTRABCV23
	3 to 5 mm	500	NSYTRABCV35
	5 to 8 mm	500	NSYTRABCV58
Marking inserts, A4 format, perforated			
Colour	White	-	-
	Yellow	-	-
	Red	-	-
	Blue	-	-
Marking card with 50 inserts			
Colour	White	-	-

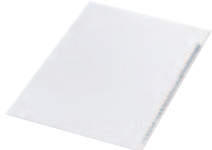
Marking accessories

PB502351-30

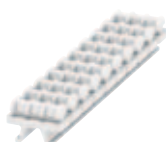
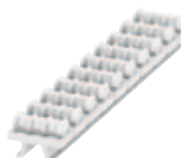


		NSYTRAPLOT	
		Plotter	
		■ A flexible plotter that helps you label marking elements quickly and easily. ■ Rugged construction in stylish aluminium ■ Easy to change fixtures to suit a variety of marking elements ■ Auto calibration no adjustment necessary ■ Including NSYTRA BMP1 / BMP2 adaptor plates, 0.25 & 0.35 mm black pens, Spacial.print software, power supply, connecting cables, user manual	
Printing area		A4	
Input voltage/ frequency		100 - 240 V AC, 50/60 Hz	
Interface		USB 2.0	
Operating system		MS Windows XP/Vista/7	
Compatibility		For all NSYTR blank marking cards	
Marking collars and inserts			
Marking plotter		Sold in lots of	Unit reference
Colour	Grey	1	NSYTRAPLOT
Accessories			
		Sold in lots of	Unit reference
Adaptor plates	For NSYTRABPV● ; NSYTRAXPV* and NSYTRABCP5 marking cards	1	NSYTRABMP1
	For NSYTRAFBPV● marking cards	1	NSYTRABMP2
	For ZBY● marking elements ¹	1	NSYTRABMP3
Pen, disposable	0.18 mm line, black	1	NSYTRAPEN1
	0.25 mm line, black	1	NSYTRAPEN2
	0.35 mm line, black	1	NSYTRAPEN3

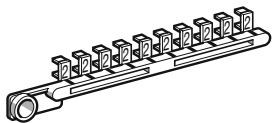
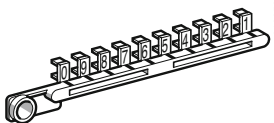
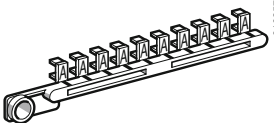
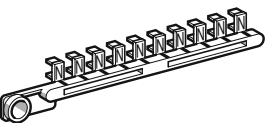
(1) Can print **ZBY0102**; **ZBY0501** and **ZBY0502** marking elements and all marking sheets: **NSYTRABCV●**; **ZBY4100**; **ZBY001**; **ZBY5100** and **ZBY1101**.

PB502352-20		PB502201-32	
	NSYTRABC●		NSYTRABCP5
	Marking inserts for collars		Marking card for collars
	360 inserts for marking collars, A4 format, perforated 15 x 4 mm inserts		Marking card with 50 inserts for marking collars 15 x 4 mm inserts
	Polyester (Silicone and halogen free)		Polycarbonate
	White, yellow, red or blue		White
	V0		V0
	40 ... +100		-40 ... +120
For all NSYTRABCV● marking collars		For all NSYTRABCV● marking collars	
Slides inside the collar sleeve		Slides inside the collar sleeve	
Can be printed with any office printer, plotter or pen		Can be printed with plotter or pen	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
-	-	-	-
-	-	-	-
-	-	-	-
10	NSYTRABCP1	-	-
10	NSYTRABCP2	-	-
10	NSYTRABCP3	-	-
10	NSYTRABCP4	-	-
-	-	10	NSYTRABCP5

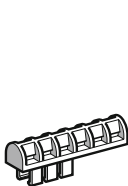
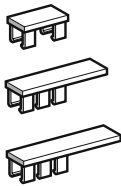
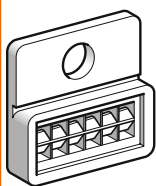
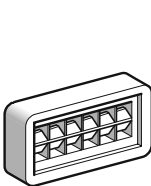
Marking accessories

			
	PB502930-22	PB502931-25	PB502932-30
Marking adaptors			
Description		Description	
Adaptor for AB1R● marking elements. Can adapt maximum 3 AB1R● elements on a NSYTR terminal		Adaptor for AB1R● marking elements. Can adapt maximum 3 AB1R● elements on a NSYTR terminal	
Material		Polyamide	
Colour		White	
Inflammability class acc. to UL 94		V2	
Temperature range (°C)		-40 ... +100	
Compatibility		Compatibility	
For 2.5 mm² TBs: NSY TRV / TRR / TRP / TRH		For 4 mm² TBs: NSY TRV / TRR / TRP / TRH	
For terminal block width		For terminal block width	
5.2 mm		6.2 mm	
Mounting position		Mounting position	
Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks		Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	
Marking strips			
Sold in lots of		Sold in lots of	
10		10	
Unit reference		Unit reference	
NSYTRABB5		NSYTRABB6	
Sold in lots of		Sold in lots of	
10		10	
Unit reference		Unit reference	
NSYTRABB8		NSYTRABB8	

Strips of clip-in markers for NSYTRABB5/6/8 adapters (1) (2) (3)

							
AB1 R11		AB1 R11		AB1 G1		AB1 G1	
10 identical numbers (or symbols)		10 numbers 0 to 9		10 identical capital letters		10 identical capital letters	
Sold in lots of 25 identical strips		25 identical strips		25 identical strips		25 identical strips	
Marking	Unit reference	Marking	Unit reference	Marking	Unit reference	Marking	Unit reference
Blank	AB1 RV	0...9	AB1 R11	A	AB1 GA	N	AB1 GN
1	AB1 R1			B	AB1 GB	O	AB1 GO
2	AB1 R2			C	AB1 GC	P	AB1 GP
3	AB1 R3			D	AB1 GD	Q	AB1 GQ
4	AB1 R4			E	AB1 GE	R	AB1 GR
5	AB1 R5			F	AB1 GF	S	AB1 GS
6	AB1 R6			G	AB1 GG	T	AB1 GT
7	AB1 R7			H	AB1 GH	U	AB1 GU
8	AB1 R8			I	AB1 GI	V	AB1 GV
9	AB1 R9			J	AB1 GJ	W	AB1 GW
0	AB1 R0			K	AB1 GK	X	AB1 GX
+	AB1 R12			L	AB1 GL	Y	AB1 GY
—	AB1 R13			M	AB1 GM	Z	AB1 GZ

Marking components (1) (2)

									
AB1 SR6		AB1 SA1		AB1 RT		AR1 SB2		AR1 SB3	
Holder for 6 markers (Holder for up to 6 AB1 R or G markers)		Blank clip-on marker		Clip-on marker with earth symbol $\perp$ (4)		Marker holder for screw fixing to any type of support		Adhesive marker holder for fixing to any type of support	
Sold in lots of 200		500		500		100		50	
Size mm	Unit reference	Size mm	Unit reference	Size mm	Unit reference	Size mm	Unit reference	Size mm	Unit reference
5 x 19	AB1SR6	4.5 x 8.3	AB1 SA1	4.5 x 8.3	AB1 RT	20 x 20	AR1 SB2	20 x 10	AR1 SB3
		4.5 x 14	AB1 SA2						
		4.5 x 19	AB1 SA3						

(1) Can NOT be mounted directly on NSYTR* terminal blocks, need to use the NSYTRABB* adapters!

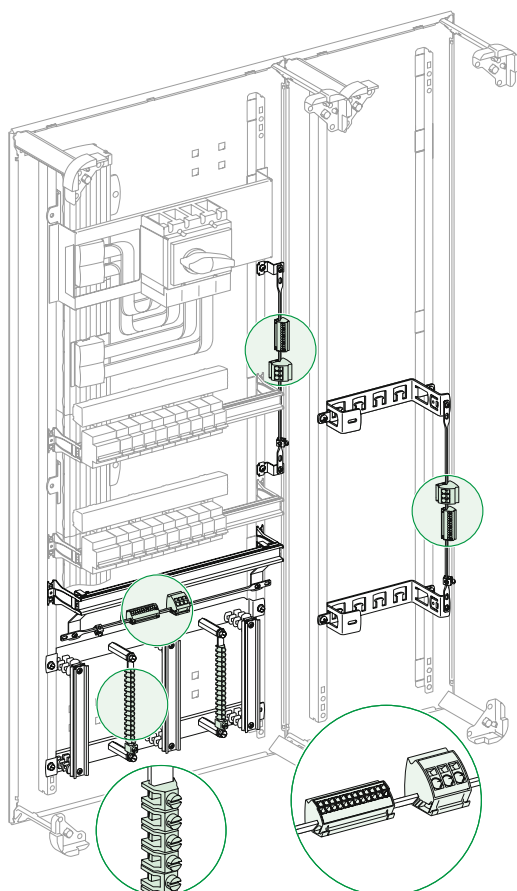
(2) For Schneider Electric products such as thermal-magnetic circuit-breakers, modular contactors, model D and model E contactors, interfaces. Can also be used with terminal blocks type NSYTR* in association with NSYTRABB* adapters.

(3) Dimensions of clip-in markers on the strips: 4.5 mm x 2.7 mm.

(4) Black on white background.



DD381516-LIN



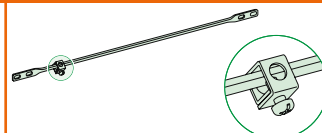
Description

This range of earth bars is installed:

- in the duct which can constitute a dedicated area, completely separate from the equipment
- or in the switchgear compartment, at the top or the bottom

Fast-connecting earth bar

DD381516-LIN

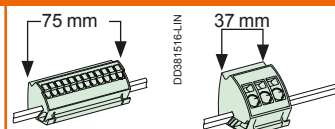


Copper earth bar

Cross-section (mm)	12 x 3
Effective length (mm)	330
Total length (mm)	450
Composition	Copper bar with 1 terminal 16 to 35 mm ²
References	04201

Accessories

DD381516-LIN



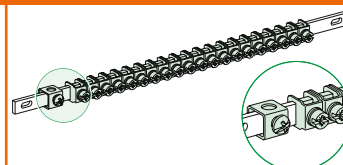
Earth blocks with terminals

Spring-fixing (clip onto the earth bar)

Total connection capacity	12 x 4 mm ²	3 x 16 mm ²
Composition	4 earth blocks	4 earth blocks
References	04214	04215

Accessories

DD381516-LIN

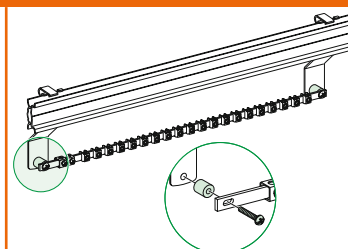


Earth bar with jumper

Total connection capacity	40 x 2.5 to 16 mm ²	20 x 2.5 to 16 mm ²
Cross-section (mm)	12 x 13	12 x 13
Length (mm)	450	200
Composition	40 jumpers and a terminal (16 to 35 mm ²)	20 jumpers and a terminal (16 to 35 mm ²)
References	04200	04202

Accessories

DD381516-LIN

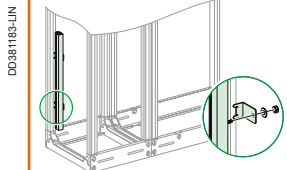
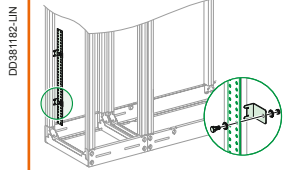
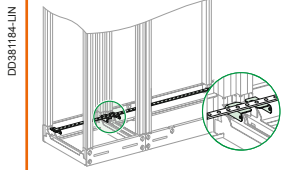


Neutral bar

Converts an earth bar to a neutral bar

Composition	2 insulating spacers
References	04210

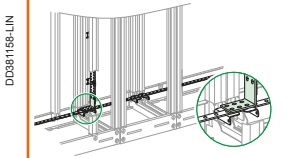
PE conductors

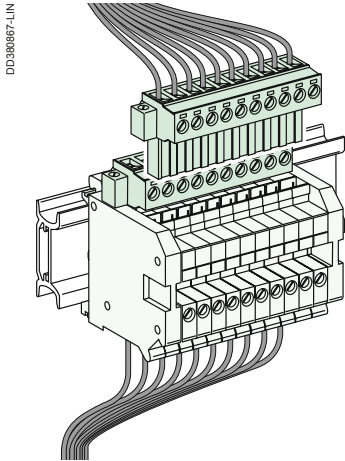
						
	Vertical PE conductor with Linergy LGY profile (W = 1670 mm)	Vertical PE conductor with Linergy BS busbar (W = 1675 mm)	Horizontal PE conductor with Linergy BS busbar			
Rated short-time current (I _{cw})	≤ 40	> 40	≤ 40	> 40		
Permissible current (A)	630	800				
Cross-section (mm)		25 x 5	50 x 5	25 x 5	50 x 5	
References	04502	04503	04512	04515	04512	04515

Support selection

Composition	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Two supports for a horizontal PE
References	04657	04657	04667

Connection between PE conductors

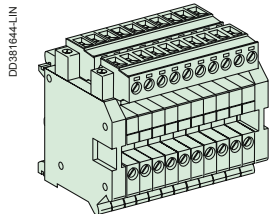
		
	Connection plates for horizontal/vertical PE bars	Linergy connection hardware
Composition	2	20 M8 screws (W = 25 mm) + 20 nuts + 20 contact washers for connection to cable lugs or flexible bars
References	04672	04766



Description

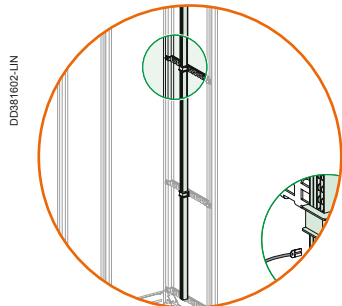
For distributing auxiliary voltages in power and regulation equipment.

Terminal block for auxiliary wiring



Standards		IEC	UL
Rated operational current at 40°	(Ie)	12 A	20 A
Rated operational voltage	(Ue)	250 V	300 V
Rated impulse withstand voltage	(Uimp)	4 kV	
Connection capacity	Input	10 (grey)	
	Output	2 x 10 (grey)	
Dimensions (HxWxD)	(mm)	61 x 48 x 45	
Cross-section		0.2 to 4 mm	
Tightening torque		0.5 to 0.6 Nm	
Composition		3.5 18-mm modules	
References		04228	

Four-pole auxiliary bus duct



		Duct for 4 conductors	
		166 tap-off points with Faston connectors, per linear meter	
Rated operational current at 40°	(Ie)	32 A	
Rated insulation voltage	(Ui)	660 V	
Length (mm)		1755	
Composition		Supplied with 2 end clamps and 1 lateral clamp for mounting on cable-tie supports	
References		04203	



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AC coil

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Characteristics

Main	
Commercial Status	Commercialised
Range of product	TeSys D
Product or component type	Contactor
Device short name	LC1D
Contactor application	Motor control Resistive load
Utilisation category	AC-1 AC-3
Poles description	3P



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