

CÔNG TY CỔ PHẦN CÔNG NGHỆ HỢP LONG

Signaling units Ø 70

Harmony® XVB modular tower lights

Catalog

September 2013



INDUSTRIAL AUTOMATION

Schneider
Electric

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Harmony® XVB modular tower lights

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INDUSTRIAL AUTOMATION

Harmony® type XV

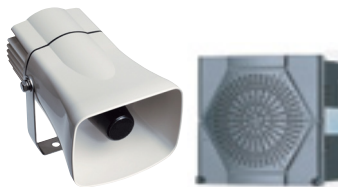
Monolithic tower lights



Type of products		Complete pre-cabled pilot lights, height 55 mm/2.17 in.	Complete miniature beacons	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 4 units
Diameter		Ø 25 mm/0.98 in.	Ø 45 mm/1.75 in.	Ø 60 mm/2.36 in.
Degree of protection conforming to IEC 60529		IP 40	IP 40	IP 53 and IP 42 (base mounting) IP 23 (direct aluminium tube mounting, aluminium tube mounting and "L" bracket) IP 53 and IP 42 (aluminium tube mounting and fixing plate) IP 40 (aluminium tube mounting and foldable bracket)
Type of signalling	Steady	–	Yes	Yes
	Flashing	–	–	–
	"Flash"	–	Yes	–
	Sound	–	–	With buzzer
Light sources	Incandescent bulb	Yes	Yes	–
	LED bulb	–	–	–
	Integral LED	–	–	Yes
	"Flash" discharge tube	–	Yes	–
Colors of illuminated units	Halogen bulb	–	–	–
		☐ Green ☐ Red ☐ Clear ☐ Yellow	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Green ☐ Amber ☐ Blue
		Flying leads, length 360 mm/14.17 in.	Screw clamp terminals	Flying leads, length 500 to 560 mm/19.68 to 22.05 in. for tube mounting according to model. Length 900 mm/35.43 in. for base mounting.
		Ø 22 mm/0.87 in. or Ø 30 mm/1.18 in.	3 x Ø 3.3 mm/0.13 in. or M3	Base mounting: 3 x Ø 5 mm/0.20 in. Direct aluminium tube mounting: Ø 20/0.79 in. Aluminium tube mounting and "L" bracket: 2 x Ø 9/0.35 in. Aluminium tube mounting and fixing plate: 4 x Ø 6/0.24 in. Aluminium tube mounting and foldable bracket: 4 x Ø 6/0.24 in.
Type references		XV1CA	XVDLS	XVG



Pre-assembled and pre-cabled tower lights		Pre-assembled and pre-cabled tower lights		Pre-assembled and pre-cabled tower lights		Pre-assembled and pre-cabled USB tower lights	
Diameter		Ø 40 mm/1.57 in.	Ø 60 mm/2.36 in.	Ø 60 mm/2.36 in.	Ø 100 mm/3.94 in.	Ø 60 mm/2.36 in.	Ø 60 mm/2.36 in.
Degree of protection conforming to IEC 60529		IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation)	IP 42	IP 42
Type of signalling	Steady	Yes	Yes	Yes	Yes	Yes	Yes
	Flashing	Yes	Yes	Yes	Yes	Yes	Yes
	"Flash"	–	–	–	–	–	–
	Sound	With buzzer	With buzzer	With buzzer	With siren or buzzer	With buzzer (volume control and alarm type can be set with HMI)	With buzzer (volume control and alarm type can be set with HMI)
Light sources	Incandescent bulb	–	–	–	–	–	–
	LED bulb	–	–	–	–	–	–
	Integral LED	Yes	Yes	Yes	Yes	Yes	Yes
	"Flash" discharge tube	–	–	–	–	–	–
Colors of illuminated units	Halogen bulb	–	–	–	–	–	–
		☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	Multi-color LEDs (many possible combinations can be set with HMI) ☐ Red ☐ Orange ☐ Green ☐ Blue	Multi-color LEDs (many possible combinations can be set with HMI) ☐ Red ☐ Orange ☐ Green ☐ Blue
		Flying leads, length 450 mm/17.71 in. to 900 mm/35.43 in. according to model	Flying leads, length 450 mm/17.71 in. to 850 mm/33.46 in. according to model	Flying leads, length 450 mm/17.71 in. to 850 mm/33.46 in. according to model	Flying leads, length 500 mm/19.68 in.	USB power cable: - 300 mm/11.81 in. for tube mounting - 400 mm/15.75 in. for direct mounting	USB power cable: - 300 mm/11.81 in. for tube mounting - 400 mm/15.75 in. for direct mounting
		Mounting on support tube with bracket: 2 x Ø 9 mm/0.35 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in. Other mounting possibilities with accessories	Mounting on support tube with bracket: 2 x Ø 11 mm/0.43 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in. Other mounting possibilities with accessories	Mounting on support tube with bracket: 2 x Ø 11 mm/0.43 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: - 3 x Ø 6 mm/0.24 in. (without siren) - 3 x Ø 7 mm/0.28 in. (with siren) Other mounting possibilities with accessories	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in.	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in.
Type references		XVC4	XVC6	XVC1	XVC1	XVGU	XVGU

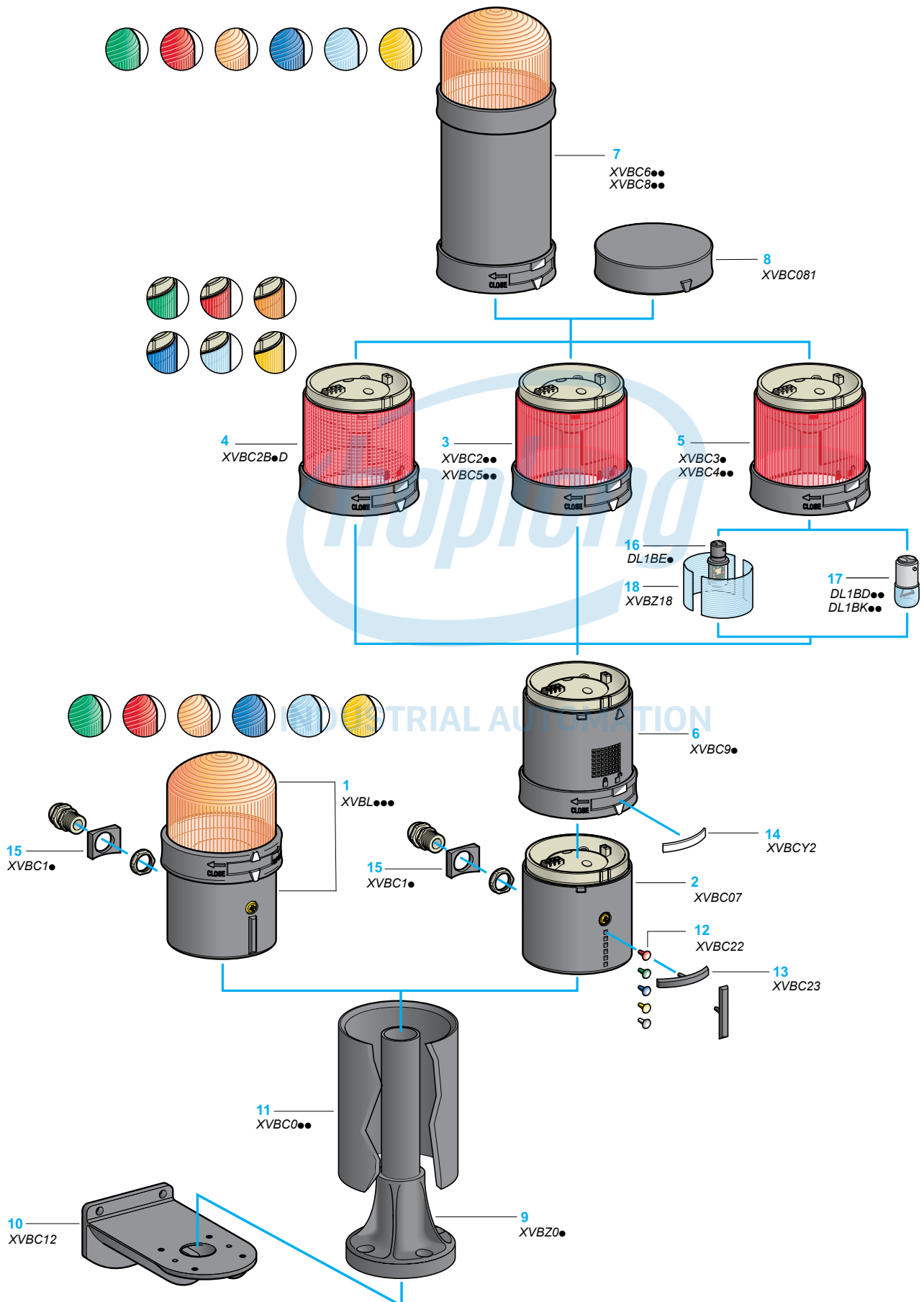
Harmony® type XV		Modular tower lights				Rotating beacons		Sound solutions			
											
Type of products		Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units		Tower lights for customer assembly of up to 5 units.		Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units		Pre-cabled rotating beacons		Sirens and electronic alarms	
Diameter		Ø 45 mm/1.77 in.		Ø 60 mm/2.36 in.		Ø 70 mm/2.76 in.		Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.		–	
Degree of protection conforming to IEC 60529		IP 54 in vertical position (XVM with plastic fixing plate) IP 42 in horizontal position (XVM with metal bracket) IP 40 in other positions (all types of XVM tower lights)		IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting option		IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)		Ø 84 mm/3.31 in. and Ø 106 mm/4.17 in.: IP 23 (IP 65 with accessory) Ø 120 mm/4.72 in.: IP 23 Ø 130 mm/5.12 in.: IP 66 and IP 67 (depending on voltage)		IP 53 (sirens) IP 54 (electronic alarms)	
Type of signalling	Steady	Yes		Yes		Yes		Yes		–	
	Flashing	Yes		Yes		Yes		–		–	
	“Flash”	Yes		Yes		–		–		–	
	Sound	Yes		Yes		Yes		Yes		Yes	
Light sources	Incandescent bulb	Yes		–		Yes		–		–	
	LED bulb	Yes		–		“PROTECTED LED”		“Super Bright”		–	
	Integral LED	–		Yes		“PROTECTED LED”		–		–	
	“Flash” discharge tube	Yes		–		Yes		–		–	
Halogen bulb		–		–		–		Yes		–	
Colors of illuminated units		☐ Red ☐ Green ☐ Orange ☐ Blue ☐ Clear		☐ Green ☐ Red ☐ Orange ☐ Blue ☐ White ☐ Yellow (only for multi-color unit with above colors)		☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow		☐ Red ☐ Orange ☐ Green ☐ Blue		–	
Connection		Flying leads, length 300 mm/11.81 in. or screw terminals		Spring cage connection terminals		Screw clamp terminals		Flying leads, length 400 mm/15.75 in.(except XVR08: 500 mm/19.68 in.)		Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)	
Support panel drilling or cut-out		Mounting on bracket: 2 x Ø 9 mm /0.35 in. Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5		Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.24 in. Direct mounting and Flexible wall mounting: 3 x Ø 5 mm/0.196 in.		Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.20 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.18 in. or M4		Depending on model: - XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.20 in. - XVR10 (Ø 106 mm/5.12 in.): 3 x Ø 5 mm/0.20 in. - XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.24 in. - XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.35 in. - XVR13●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.28 in.		3 x Ø 6.5 mm/0.25 in.	
Type references		XVM		XVU		XVBL, XVBC		XVR		XVS	

Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

Illuminated beacons, tower lights for customer assembly
(up to 5 units)



Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

Illuminated beacons, tower lights for customer assembly (up to 5 units)

Presentation

The beacons and tower lights of the Harmony® XVB range are visual or audible signaling units used for indicating, throughout 360° and at a distance, the various states or operation sequences of a machine or installation. Examples: start, stop machine, no material, call technical staff, fault signaling, etc.

Complete illuminated beacon XVBL

Readily assembled 1 with a single illuminated signaling unit:

- steady light (with incandescent bulb or LED),
- flashing light (with incandescent bulb or LED),
- or "flash" (with discharge tube).

The XVBL beacons comprise:

- A base unit with a removable terminal block and a bottom or side cable entry.
- One colored illuminated unit (green, red, orange, blue, clear or yellow).

Customer assembled tower light XVBC

Variable composition of 1 to 5 illuminated or audible units that are supplied as separate items for customer assembly. Maximum configuration: 5 units or 4 units + 1 "flash" unit.

The XVBC tower lights comprise:

- A base unit with a removable terminal block and bottom or side cable entry 2.
- 1 to 5 colored illuminated units (green, red, orange, blue, clear or yellow):
 - with integral LED 3,
 - with integral LED and diffuser 4 (1),
 - for incandescent bulbs or base mounted LEDs 5.
- 1 or 2 audible units 6.
- A maximum of 1 "flash" discharge unit (5 Joule or 10 Joule) 7, for mounting on top of the bank.
- A top cover 8 (except when using a "flash" discharge tube).
- The illuminated or audible units stack vertically and are easily locked and unlocked using an integral clamping ring. Electrical connections between each unit are made automatically.
- A light diffuser, pre-fitted in illuminated units XVBC2B•D with a base mounted LED, distributes the light evenly over the lens surface. When using the modular tower lights in bright ambient light conditions, remove the diffuser to improve contrast.
- Connection on the AS-Interface cabling system is possible by ordering a dedicated base unit. For more information on AS-Interface, please see our website www.schneider-electric.com.

Accessories for beacons XVBL and tower lights XVBC

- Fixing base comprising a support tube glued into a plastic fixing plate, for a height beneath the base unit of 80, 380 or 780 mm 9.
- Fixing plate for mounting on vertical support 10.
- Support tube concealment cover, height 100, 400 or 800 mm 11.
- Colored markers 12 (1).
- Legend holder with legend 13 (1).
- Legends that attach to locking ring of each signaling unit for identification 14.
- Adaptor and 13P cable gland 15.
- Base mounted LED 16 or incandescent bulb 17 (2).
- Diffuser 18 (3).

Mounting, protection and conformity to standards

- Base unit fixed directly onto a panel using 2 screws (IP 66 protection).
- Fixed using a fixing base comprising of an aluminium support tube glued into a plastic fixing plate (IP 65 protection).
- Conformity to EN/IEC 60947-5-1 standard.
- Product certified UL, CSA, CCC and GOST.

Cabling

By means of removable terminal block incorporated in base unit (simplified wiring). The screw and captive cable clamp terminals are protected to prevent any accidental contact with live parts.

(1) These enable the position of the various units (illuminated or audible) to be identified in the event of dismantling the bank.

(2) **Warning:** illuminated units with incandescent bulbs must not be combined with LED illuminated units, due to the risk of overheating. Also, when different units (e.g. steady, flashing) are combined, the maximum temperature is limited to that of the weaker unit.

(3) The diffuser can only be used with LED illuminated units. Not compatible with units fitted with an incandescent bulb or "flash" discharge tube.

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons for incandescent bulbs or LEDs
(BA 15d base fitting)

XVBL3●



XVBL4B●

Illuminated beacons with steady light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Incandescent bulb 7 W max. 250 V max.	Green	XVBL33	0.260
		Red	XVBL34	0.260
		Orange	XVBL35	0.260
		Blue	XVBL36	0.260
		Clear	XVBL37	0.260
		Yellow	XVBL38	0.260

Illuminated beacons with integral flashing light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Incandescent bulb 7 W max. ~ 24 V --- 24...48 V	Green	XVBL4B3	0.280
		Red	XVBL4B4	0.280
		Orange	XVBL4B5	0.280
		Blue	XVBL4B6	0.280
		Clear	XVBL4B7	0.280
		Yellow	XVBL4B8	0.280
		Green	XVBL4M3	0.280
		Red	XVBL4M4	0.280
	Incandescent bulb 7 W max. ~ 48...230 V	Orange	XVBL4M5	0.280
		Blue	XVBL4M6	0.280
		Clear	XVBL4M7	0.280
		Yellow	XVBL4M8	0.280

(1) Incandescent bulbs and LEDs, see page 15.

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons with LED light source



XVBL0B●



XVBL1B●

Illuminated beacons with steady light signaling

Description	Light source	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	LED, included ~ 24 V	Green	XVBL0B3	0.270
		Red	XVBL0B4	0.270
		Orange	XVBL0B5	0.270
		Blue	XVBL0B6	0.270
		Clear	XVBL0B7	0.270
		Yellow	XVBL0B8	0.270
		Green	XVBL0G3	0.270
		Red	XVBL0G4	0.270
	LED, included ~ 120 V	Orange	XVBL0G5	0.270
		Blue	XVBL0G6	0.270
		Clear	XVBL0G7	0.270
		Yellow	XVBL0G8	0.270
		Green	XVBL0M3	0.270
		Red	XVBL0M4	0.270
		Orange	XVBL0M5	0.270
		Blue	XVBL0M6	0.270
	LED, included ~ 230 V	Clear	XVBL0M7	0.270
		Yellow	XVBL0M8	0.270

Illuminated beacons with integral flashing light signaling

Description	Light source	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	LED, included ~ 24 V	Green	XVBL1B3	0.280
		Red	XVBL1B4	0.280
		Orange	XVBL1B5	0.280
		Blue	XVBL1B6	0.280
		Clear	XVBL1B7	0.280
		Yellow	XVBL1B8	0.280
		Green	XVBL1G3	0.280
		Red	XVBL1G4	0.280
	LED, included ~ 120 V	Orange	XVBL1G5	0.280
		Blue	XVBL1G6	0.280
		Clear	XVBL1G7	0.280
		Yellow	XVBL1G8	0.280
		Green	XVBL1M3	0.280
		Red	XVBL1M4	0.280
		Orange	XVBL1M5	0.280
		Blue	XVBL1M6	0.280
	LED, included ~ 230 V	Clear	XVBL1M7	0.280
		Yellow	XVBL1M8	0.280

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons with “flash” discharge tube



XVBL6B●



XVBL8B●

Illuminated beacons with 5 Joule “flash” discharge tube

Description	Light source	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Integral “flash” discharge tube ~ 24 V	Green	XVBL6B3	0.440
		Red	XVBL6B4	0.440
		Orange	XVBL6B5	0.440
		Blue	XVBL6B6	0.440
		Clear	XVBL6B7	0.440
		Yellow	XVBL6B8	0.440
	Integral “flash” discharge tube ~ 120 V	Green	XVBL6G3	0.425
		Red	XVBL6G4	0.425
		Orange	XVBL6G5	0.425
		Blue	XVBL6G6	0.425
		Clear	XVBL6G7	0.425
		Yellow	XVBL6G8	0.425
	Integral “flash” discharge tube ~ 230 V	Green	XVBL6M3	0.435
		Red	XVBL6M4	0.435
		Orange	XVBL6M5	0.435
		Blue	XVBL6M6	0.435
		Clear	XVBL6M7	0.435
		Yellow	XVBL6M8	0.435

Illuminated beacons with 10 Joule “flash” discharge tube

Description	Light source	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Integral “flash” discharge tube ~ 24 V	Green	XVBL8B3	0.450
		Red	XVBL8B4	0.450
		Orange	XVBL8B5	0.450
		Blue	XVBL8B6	0.450
		Clear	XVBL8B7	0.450
		Yellow	XVBL8B8	0.450
	Integral “flash” discharge tube ~ 120 V	Green	XVBL8G3	0.460
		Red	XVBL8G4	0.460
		Orange	XVBL8G5	0.460
		Blue	XVBL8G6	0.460
		Clear	XVBL8G7	0.460
		Yellow	XVBL8G8	0.460
	Integral “flash” discharge tube ~ 230 V	Green	XVBL8M3	0.460
		Red	XVBL8M4	0.460
		Orange	XVBL8M5	0.460
		Blue	XVBL8M6	0.460
		Clear	XVBL8M7	0.460
		Yellow	XVBL8M8	0.460

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units for incandescent bulbs or LEDs (BA 15d base fitting)

For use with base unit XVBC●●: see page 14



XVBC3●



XVBC4●●

Illuminated units with steady light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Illuminated units	Incandescent bulb 7 W max. 250 V max. or LED	Green	XVBC33	0.140
		Red	XVBC34	0.140
		Orange	XVBC35	0.140
		Blue	XVBC36	0.140
		Clear	XVBC37	0.140
		Yellow	XVBC38	0.140

Illuminated units with integral flashing light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Illuminated units	Incandescent bulb 7 W max. ~ 24 V --- 24...48 V or LED	Green	XVBC4B3	0.160
		Red	XVBC4B4	0.160
		Orange	XVBC4B5	0.160
		Blue	XVBC4B6	0.160
		Clear	XVBC4B7	0.160
		Yellow	XVBC4B8	0.160
	Incandescent bulb 7 W max. ~ 48...230 V or LED	Green	XVBC4M3	0.160
		Red	XVBC4M4	0.160
		Orange	XVBC4M5	0.160
		Blue	XVBC4M6	0.160
		Clear	XVBC4M7	0.160
		Yellow	XVBC4M8	0.160

(1) Incandescent bulbs and LEDs, see page 15.

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For use with base unit XVBC●●: see page 14



XVBC2●●



XVBC5●●

Illuminated units with steady light signaling

Description	Voltage	Color	Reference	Weight kg
Illuminated units with integral LED	≈ 24 V	Green	XVBC2B3 (1)	0.150
		Red	XVBC2B4 (1)	0.150
		Orange	XVBC2B5 (1)	0.150
		Blue	XVBC2B6 (1)	0.150
		Clear	XVBC2B7 (1)	0.150
		Yellow	XVBC2B8 (1)	0.150
	~ 120 V	Green	XVBC2G3	0.150
		Red	XVBC2G4	0.150
		Orange	XVBC2G5	0.150
		Blue	XVBC2G6	0.150
		Clear	XVBC2G7	0.150
		Yellow	XVBC2G8	0.150
	~ 230 V	Green	XVBC2M3	0.150
		Red	XVBC2M4	0.150
		Orange	XVBC2M5	0.150
		Blue	XVBC2M6	0.150
		Clear	XVBC2M7	0.150
		Yellow	XVBC2M8	0.150

Illuminated units with integral flashing light signaling

Description	Voltage	Color	Reference	Weight kg
Illuminated units with integral LED	≈ 24 V	Green	XVBC5B3	0.170
		Red	XVBC5B4	0.170
		Orange	XVBC5B5	0.170
		Blue	XVBC5B6	0.170
		Clear	XVBC5B7	0.170
		Yellow	XVBC5B8	0.170
	~ 120 V	Green	XVBC5G3	0.170
		Red	XVBC5G4	0.170
		Orange	XVBC5G5	0.170
		Blue	XVBC5G6	0.170
		Clear	XVBC5G7	0.170
		Yellow	XVBC5G8	0.170
	~ 230 V	Green	XVBC5M3	0.170
		Red	XVBC5M4	0.170
		Orange	XVBC5M5	0.170
		Blue	XVBC5M6	0.170
		Clear	XVBC5M7	0.170
		Yellow	XVBC5M8	0.170

(1) To order an illuminated unit with integral LED pre-fitted with light diffuser XVBCZ18, add the letter "D" to the end of the reference. Example: XVBC2B3D.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units with integral “flash” discharge tube

For use with base unit XVBC●●: see page 14



XVBC6●●



XVBC8●●

Illuminated units with 5 Joule “flash” discharge tube (1)

Description	Light source	Color	Reference	Weight kg
Illuminated units	Integral “flash” discharge tube ~ 24 V	Green	XVBC6B3	0.295
		Red	XVBC6B4	0.295
		Orange	XVBC6B5	0.295
		Blue	XVBC6B6	0.295
		Clear	XVBC6B7	0.295
		Yellow	XVBC6B8	0.295
	Integral “flash” discharge tube ~ 120 V	Green	XVBC6G3	0.280
		Red	XVBC6G4	0.280
		Orange	XVBC6G5	0.280
		Blue	XVBC6G6	0.280
		Clear	XVBC6G7	0.280
		Yellow	XVBC6G8	0.280
	Integral “flash” discharge tube ~ 230 V	Green	XVBC6M3	0.290
		Red	XVBC6M4	0.290
		Orange	XVBC6M5	0.290
		Blue	XVBC6M6	0.290
		Clear	XVBC6M7	0.290
		Yellow	XVBC6M8	0.290

Illuminated units with 10 Joule “flash” discharge tube (1)

Description	Light source	Color	Reference	Weight kg
Illuminated units	Integral “flash” discharge tube ~ 24 V	Green	XVBC8B3	0.305
		Red	XVBC8B4	0.305
		Orange	XVBC8B5	0.305
		Blue	XVBC8B6	0.305
		Clear	XVBC8B7	0.305
		Yellow	XVBC8B8	0.305
	Integral “flash” discharge tube ~ 48 V	Orange	XVBC8E5	0.315
	Integral “flash” discharge tube ~ 120 V	Green	XVBC8G3	0.315
		Red	XVBC8G4	0.315
		Orange	XVBC8G5	0.315
		Blue	XVBC8G6	0.315
		Clear	XVBC8G7	0.315
		Yellow	XVBC8G8	0.315
	Integral “flash” discharge tube ~ 230 V	Green	XVBC8M3	0.315
		Red	XVBC8M4	0.315
		Orange	XVBC8M5	0.315
		Blue	XVBC8M6	0.315
		Clear	XVBC8M7	0.315
		Yellow	XVBC8M8	0.315

(1) **Warning:** illuminated units with a “flash” discharge tube are not suitable for steady light signaling due to the heat generated.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Audible units, base units, cover, accessories



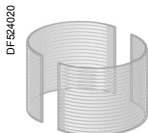
XVBC9B



XVBC07



XVBC081



XVBCZ18

Audible units

Description	Characteristics	Reference	Weight kg
Buzzer, 90 dB at 1 m Adjustable with microswitch: - from 70 to 90 dB - continuous or intermittent tone	≈ 12...48 V ≈ 120...230 V	XVBC9B XVBC9M	0.170 0.180

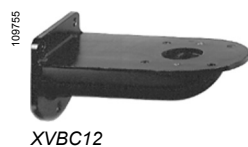
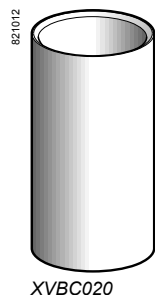
Base units - for direct (IP 66) or tube fixing

Description	For use with	Type	Reference	Weight kg
Base unit + cover with bottom or side cable entry	Modular tower lights without "flash" discharge tube unit	Standard	XVBC21	0.190
Base unit only with bottom or side cable entry	Modular tower lights with "flash" discharge tube unit	Standard	XVBC07	0.160
Base unit + cover with side cable entry	All types of modular tower lights	AS-Interface (1)	XVBC21A	—
Base unit + cover with bottom entry, pre-cabled (length 1 m) and fitted with M12 end connector	All types of modular tower lights	AS-Interface (1)	XVBC21B	—

Accessories specific to tower lights XVBC

Description	Application	Unit reference	Weight kg
Cover only	For use with XVBC2, XVBC3, XVBC4, XVBC5 and XVBC9	XVBC081	0.030
Set of 6 colored markers	For identification of the position of units in the event of dismantling the modular tower light	XVBC22	0.001
Set of 5 legend holders	For identification of stacked units on base unit	XVBC23	0.002
Sheet of 85 legends	For use with base unit legend holder XVBC23	XVBCY1	0.005
Sheet of 52 legends	For identification of stacked units, used on locking ring	XVBCY2	0.005
Adaptor for side entry through base unit	With 13P cable gland	XVBC14	0.015
SIS labelling software (in English, French, German, Italian and Spanish)	For creating legends	XBY2U	0.100
Light diffuser, clear plastic (Sold in boxes)	Only for use with LED illuminated units (all colors) One box allows to equip 5 illuminated units.	XVBCZ18	0.080

(1) For further information on AS-Interface connections, refer to our "Industrial communication in machines and installations" catalog.



Accessories common to beacons XVB and tower lights XVC

Description	Height under base unit (mm)	Color	Reference	Weight kg
Fixing bases comprising Ø 25 mm aluminium support tube glued into a black plastic fixing plate (IP 65)	80	Black aluminium	XVBZ02	0.110
		Aluminium	XVBZ02A	0.110
	380	Black aluminium	XVBZ03	0.200
		Aluminium	XVBZ03A	0.200
	780	Black aluminium	XVBZ04	0.325
		Aluminium	XVBZ04A	0.325

Description	For use with	Material	Reference	Weight kg
Support tube concealment cover	Support tubes XVBZ02, XVBZ02A	ABS	XVC020	0.080
	Support tubes XVBZ03, XVBZ03A	ABS	XVC030	0.305
	Support tubes XVBZ04, XVBZ04A	ABS	XVC040	0.610

Ø 25 mm aluminium support tube	Fixing plate XVBZ01 (to be glued into the plastic fixing plate)	Plastic	XVBZ14	0.690
Height under base unit 780 mm				

Fixing plate for use on horizontal support	Ø 25 mm aluminium support tube	Plastic	XVBZ01	0.050
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Fixing plate for use on vertical support	Base unit (direct mounting), fixing plate XVBZ01 or fixing bases XVBZ0●	Zamak	XVC12	0.380
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Description	Characteristics	Sold in lots of	Unit reference	Weight kg
Incandescent bulbs (1) BA 15d base fitting	12 V 7 W	10	DL1BEJ	0.090
	24 V 6.5 W	10	DL1BEB	0.090
	48 V 6 W	10	DL1BEE	0.090
	120 V 7 W	10	DL1BEG	0.090
	230 V 7 W	10	DL1BEM	0.090

LEDs (1) BA 15d base fitting	~ 24 V	White	1	DL1BDB1	0.015
		Green	1	DL1BDB3	0.015
		Red	1	DL1BDB4	0.015
		Orange	1	DL1BDB5	0.015
	~ 120 V	Blue	1	DL1BDB6	0.015
		Yellow	1	DL1BDB8	0.015
		White	1	DL1BDG1	0.015
		Green	1	DL1BDG3	0.015
	~ 230 V	Red	1	DL1BDG4	0.015
		Orange	1	DL1BDG5	0.015
		Blue	1	DL1BDG6	0.015
		Yellow	1	DL1BDG8	0.015
		White	1	DL1BDM1	0.015
		Green	1	DL1BDM3	0.015
		Red	1	DL1BDM4	0.015
		Orange	1	DL1BDM5	0.015
		Blue	1	DL1BDM6	0.015
		Yellow	1	DL1BDM8	0.015

Flashing LEDs (1) BA 15d base fitting	~ 24 V	White	1	DL1BKB1	0.015
		Green	1	DL1BKB3	0.015
		Red	1	DL1BKB4	0.015
		Orange	1	DL1BKB5	0.015
	~ 120 V	Blue	1	DL1BKB6	0.015
		Yellow	1	DL1BKB8	0.015
		White	1	DL1BKG1	0.015
		Green	1	DL1BKG3	0.015
	~ 230 V	Red	1	DL1BKG4	0.015
		Orange	1	DL1BKG5	0.015
		Blue	1	DL1BKG6	0.015
		Yellow	1	DL1BKG8	0.015
		White	1	DL1BKM1	0.015
		Green	1	DL1BKM3	0.015
		Red	1	DL1BKM4	0.015
		Orange	1	DL1BKM5	0.015
		Blue	1	DL1BKM6	0.015
		Yellow	1	DL1BKM8	0.015

(1) **Warning:** illuminated units with incandescent bulbs must not be combined with LED illuminated units, due to the risk of overheating. Also, when different units (e.g. steady, flashing...) are combined, the maximum temperature is limited to that of the weaker unit.

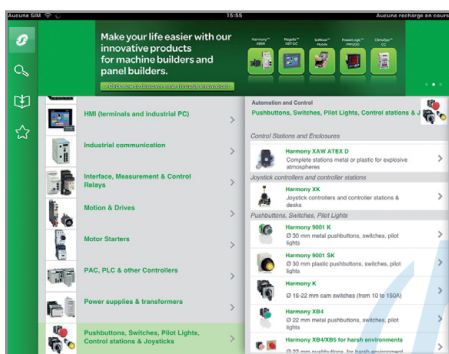
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Use your tablet or your PC to quickly access detailed and comprehensive information on our products

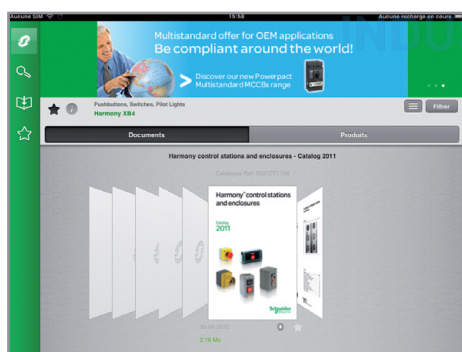
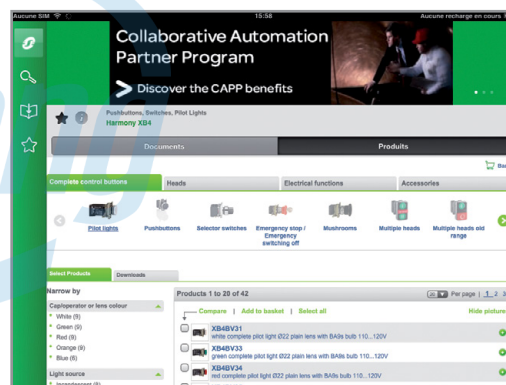


Tablets

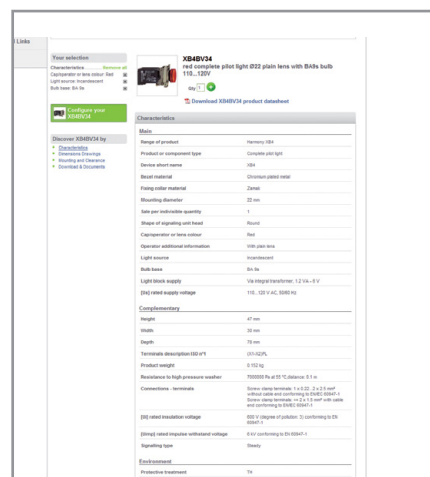
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Product ranges
displayed by function



Dynamic catalogs
(hyperlinks, video, ...)



Product selector: dynamic filters to
get easily your part number



Personal computer

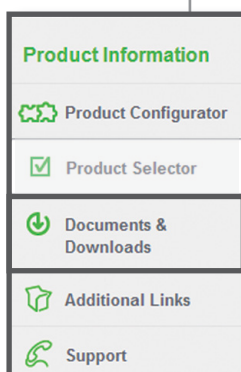
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Product ranges
displayed by function



Dynamic catalogs
(hyperlinks, video, ...)

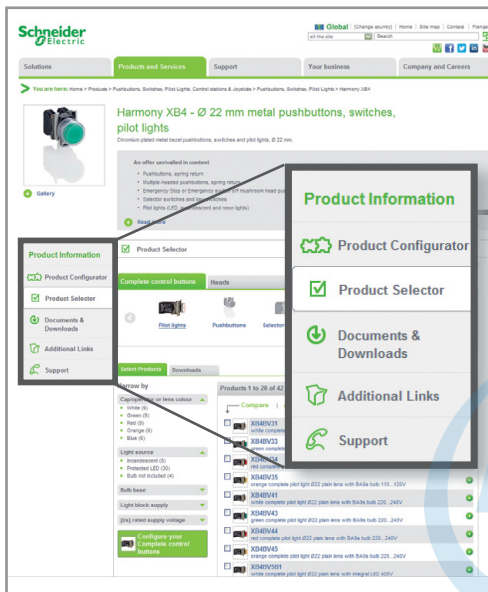


Product selector: dynamic filters to
get easily your part number

Access product references with adapted tools



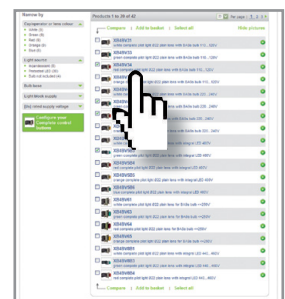
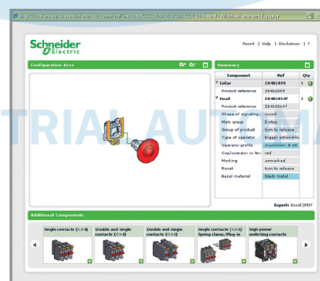
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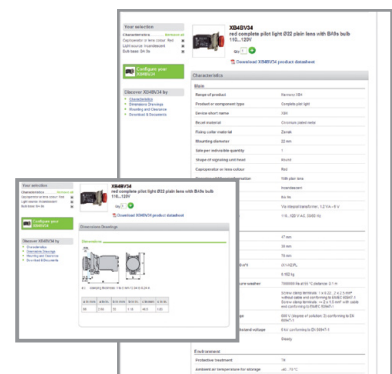
Graphic product configurator
Select the right product with just a few clicks

Dynamic product selector
Visualize product characteristics and dimensions

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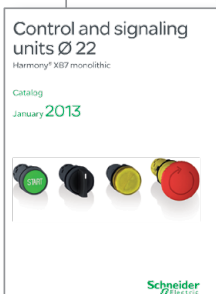
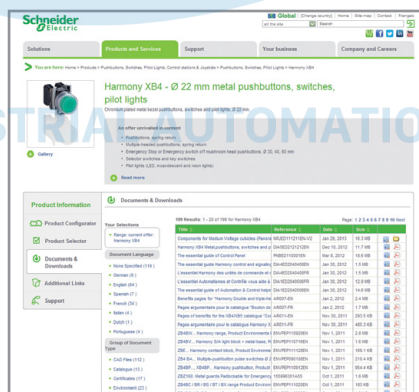
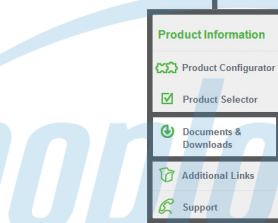
Product data sheet
with technical characteristics
and dimensions



Dimensions

**Technical
characteristics**

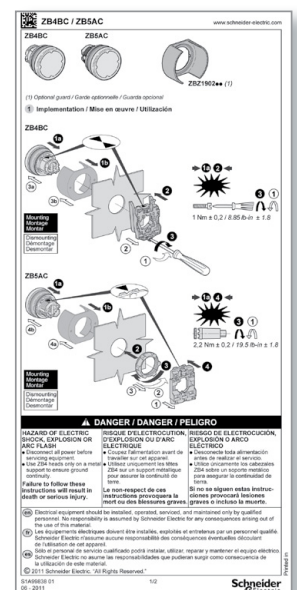
Documents and downloads
Visualize and download catalogs, technical publications, certificates, etc.



Essential guides



Certificates



Technical publications

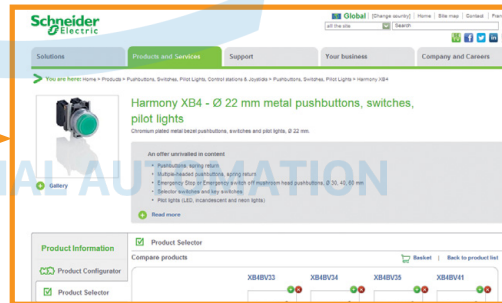
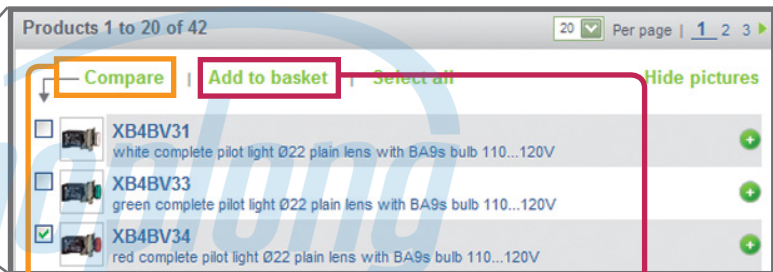
Dynamic catalogs

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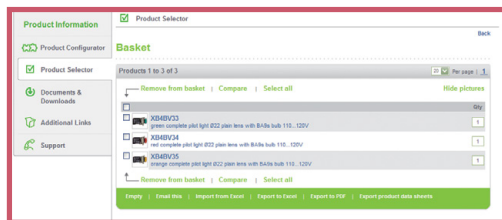
Compare, select, and compile



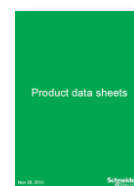
Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Harmony XB4*



Compare
technical
characteristics



Select
and store
your products
into
the basket



Compile
data sheets
in a unique
document

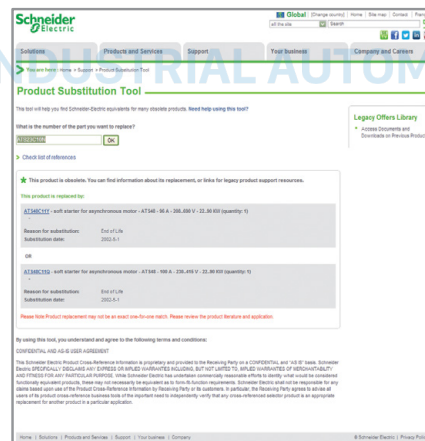
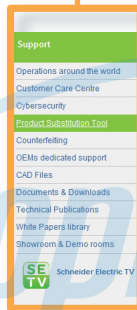
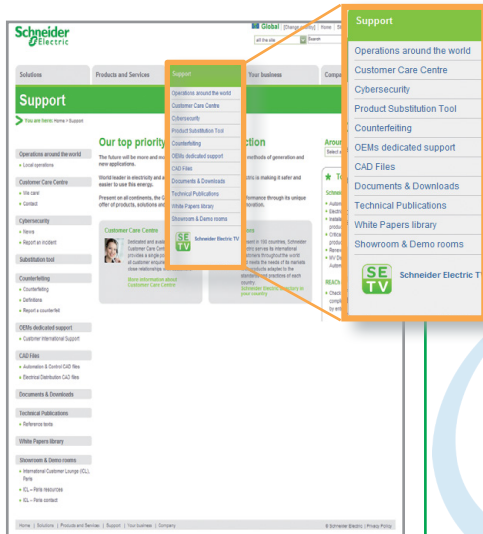
* Example of research on a product

Check the product status, design your equipment

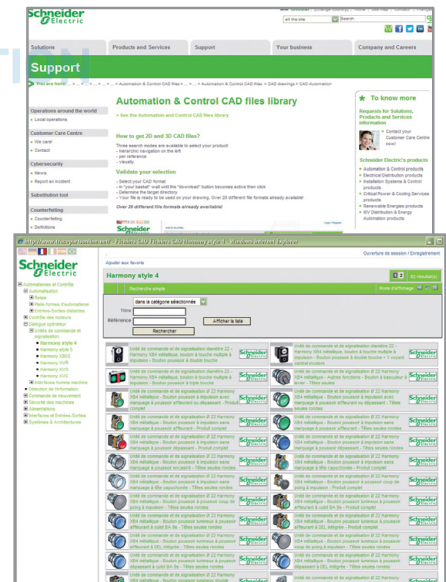


Path: www.schneider-electric.com > **Support** > Product Substitution Tool

Path: www.schneider-electric.com > **Support** > CAD files



Product status:
indicate whether the product is still commercialized. Otherwise, the tool suggests a product substitution.



CAD files:
available in various formats they will be easily integrated into your installation design software.

Please note that references to products and services are just examples.

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