

CÔNG TY CỔ PHẦN CÔNG NGHỆ HỢP LONG



Automation for a Changing World

Delta Basic Compact Drive ME300 Series



www.deltaww.com

Hotline: 1900.6536 - Website: HOPLONGTECH.COM



Smarter. Greener. Together.

Compact and Intelligent

The new standard for micro drives

The automation industry today is facing challenges such as increasing competition and rising costs. In addition to improving productivity and reducing direct labor, the driving force for automation is to achieve higher efficiency, optimal quality, and most importantly, flexibility and compatibility for a wide range of applications.

Delta's ME300 series is the new generation compact vector control drive that inherits Delta's superior drive technology with 60% volume reduction. Various essential functions are built-in as standard, including: user-defined parameter group, single and multi-pump function, built-in brake chopper and EMC filter (C2 Class). It reduces the need of additional expense and provides more installation space in the power cabinet. The ME300 also supports both induction and interior/surface permanent motors, providing more efficiency and flexibility. The optional STO function ensures smooth operation while protecting facilities from damage, and the new screw-less wiring design of terminal blocks offers a simplified wiring process for quick installation.

User-friendly operation, ultra-compact size, quick installation, and flexible, durable design provide the user with a highly efficient and stable system. The ME300 is your key to increased market competitiveness that leads the way to your success.

INDUSTRIAL AUTOMATION





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Hardware Design
Side-by-side Installation
Standard Models



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Outstanding Drive Performance

Supports IM and PM Motors
High Starting Torque
Deceleration Energy Backup (DEB)
Enhanced Braking Capability



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Strong System Support

Multi-motor Control
Pulse Input
High Overload Capability
Built-in Modbus Communication
Built-in Braking Chopper
Common DC Bus
DC Reactor Available



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Stable, Safe and Reliable

Safe Torque Off (Optional)
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Models Overview

Hardware Design

Compact design and user-friendly interface

Size
reduction
60%

Up to 60% size reduction
compared with previous
model (VFD-EL)

Removable RFI Jumper

Applicable for different
application needs



User-friendly Control and Display

4 digit LED display,
frequency setting knob,
direction function keys



Removable Fan

Easy to replace and
maintain for a longer
lifetime



Screwless Front Case

Press on both side tabs to
remove the case



Side-by-Side Installation

Flexible and efficient installation supports side-by-side
installation with operating temperature of -20°C ~ 40°C

Substantial space savings!



Standard Models

115V single-phase

Applicable Motor Output (kW)	0.1	0.2	0.4	0.75
Applicable Motor Output (HP)	0.125	0.25	0.5	1
Frame Size	A		C	

230V single-phase

Applicable Motor Output (kW)	0.1	0.2	0.4	0.75	1.5	2.2
Applicable Motor Output (HP)	0.125	0.25	0.5	1	2	3
Frame Size	A			B	C	

230V single-phase (Built-in EMC filter)

Applicable Motor Output (kW)	0.1	0.2	0.4	0.75	1.5	2.2
Applicable Motor Output (HP)	0.125	0.25	0.5	1	2	3
Frame Size	B				C	

230V 3-phase

Applicable Motor Output (kW)	0.1	0.2	0.4	0.75	1.5	2.2	3.7/4	5.5
Applicable Motor Output (HP)	0.125	0.25	0.5	1	2	3	5	7.5
Frame Size	A				B	C		D

460V 3-phase

Applicable Motor Output (kW)	0.4	0.75	1.5	2.2	3.7/4	5.5	7.5
Applicable Motor Output (HP)	0.5	1	2	3	5	7.5	10
Frame Size	A		B	C		D	

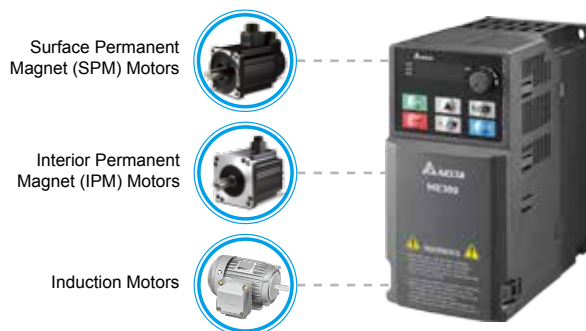
460V 3-phase (Built-in EMC filter)

Applicable Motor Output (kW)	0.4	0.75	1.5	2.2	3.7/4	5.5	7.5
Applicable Motor Output (HP)	0.5	1	2	3	5	7.5	10
Frame Size	B			C		D	

Outstanding Drive Performance

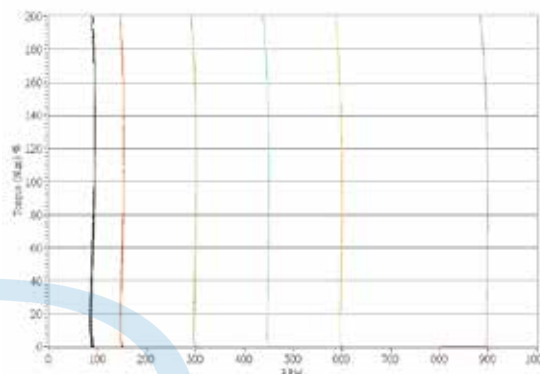
Supports IM and PM Motors

Supports 2 independent induction motor control parameter sets



High Starting Torque

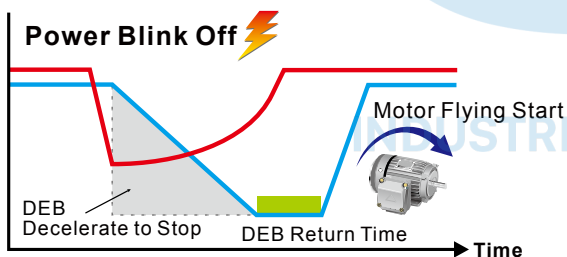
Delivers 200% high starting torque with a low speed control of 3Hz. This feature provides outstanding machine stability and is suitable for dynamic loading applications



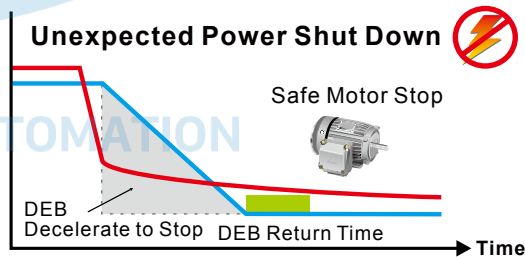
Deceleration Energy Backup (DEB)

Controls the motor deceleration to a stop when an unexpected power shut-down occurs to prevent mechanical damage. When power resumes, the motor will accelerate to its previous speed

— Input Voltage
— Motor Speed

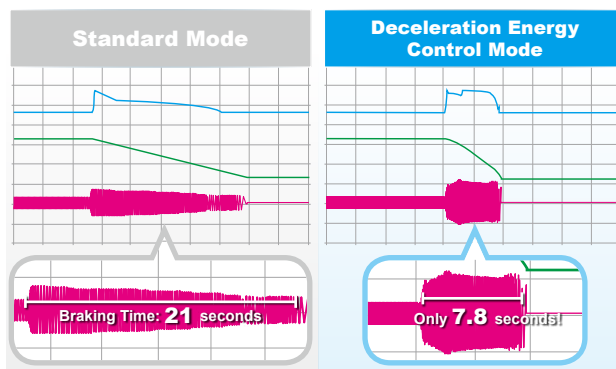


— Input Voltage
— Motor Speed



Enhanced Braking Capability

The Deceleration Energy Control Mode shortens braking time by adjusting the motor speed and current, and replaces the need for braking resistors

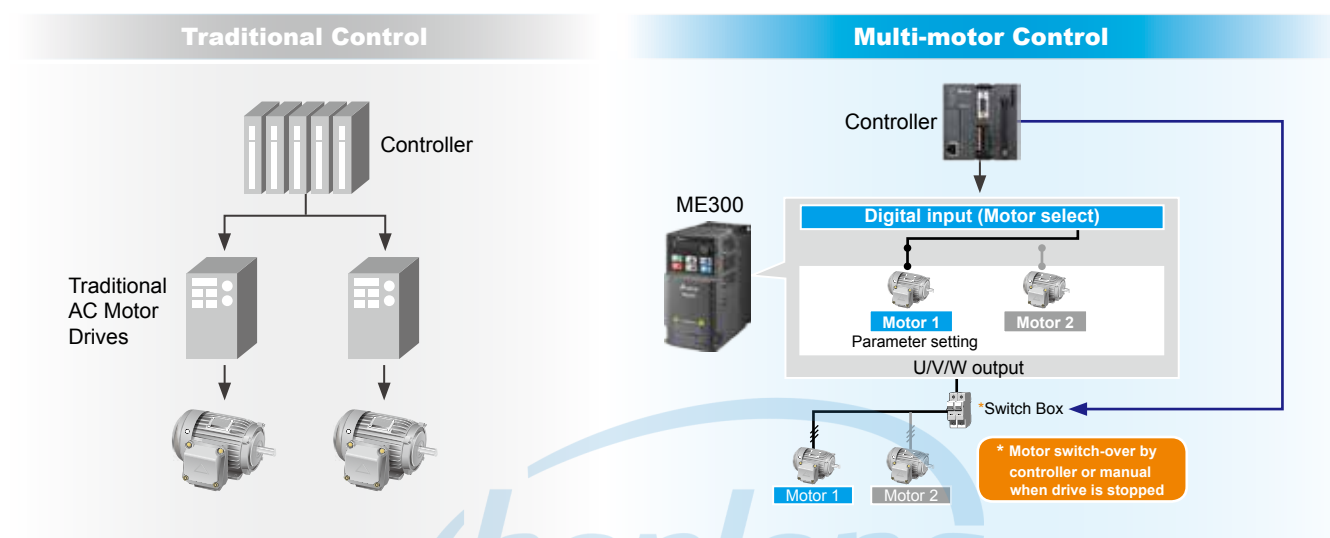


* Actual deceleration performance varies upon different system loads

Strong System Support

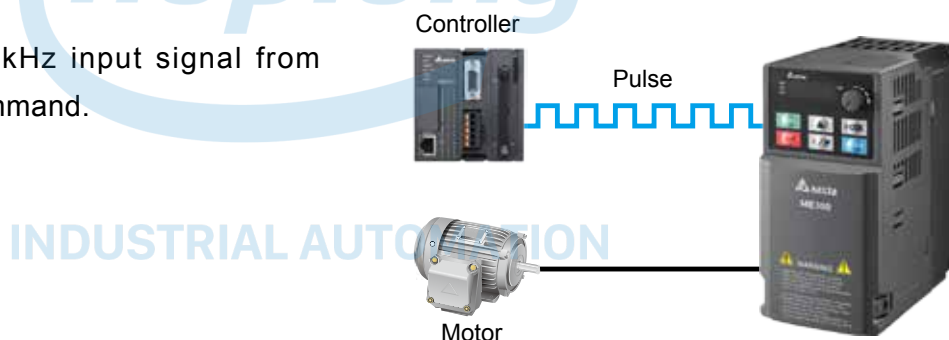
Multi-motor Control

Supports 2 induction motors switching control



Pulse Input

Supports single pulse 10kHz input signal from controller as frequency command.



High Overload Capability

- Normal duty: rated current 120% for 60 seconds; 150% for 3 seconds
- Heavy duty: rated current 150% for 60 seconds; 200% for 3 seconds

Built-in Modbus Communication

Built-in RS-485 (Modbus) communication

Built-in Braking Chopper

Larger braking torque capability with an additional braking resistor

Common DC Bus

DC $\pm$ terminals for common DC bus wiring; the drives share the regeneration power during deceleration to save energy and the braking resistor

DC Reactor Available

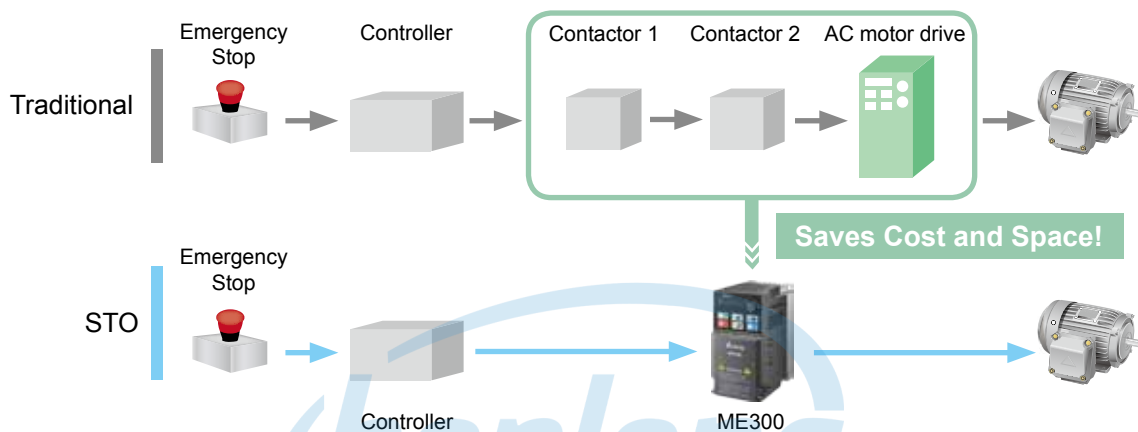
Terminals for additional DC reactor to mitigate harmonic distortion and improve power factor

Stable, Safe and Reliable

Safe Torque Off (Optional)

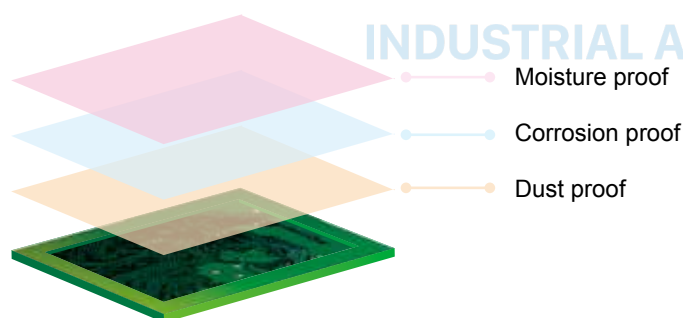
Optional Safe Torque Off (STO) function, compliant with:

- ▶ ISO 13849-1:2015 Category 3 PL d
- ▶ EN 60204-1 Category 0
- ▶ EN 61508 SIL2
- ▶ EN 62061 SIL CL 2



PCB Coating

100% PCB coating (IEC 60721-3-3 class 3C2 standard) ensures drive operation stability and safety in critical environments



NEMA 1 Kit (Optional)

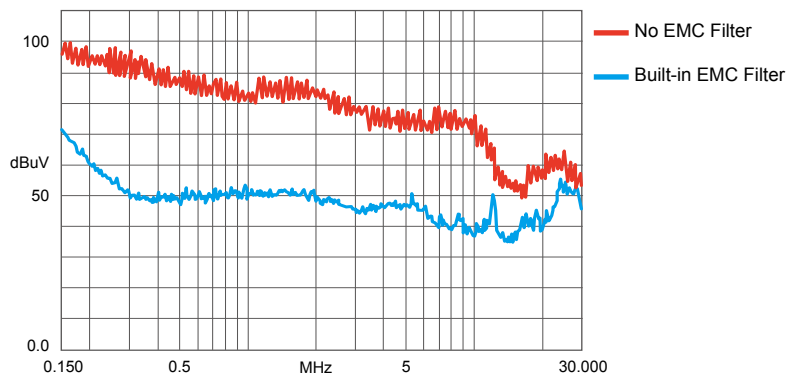
Provides NEMA 1 kit to prevent dust and other particles from entering the drive and avoids risk from electric shock. It is suitable for applications under critical conditions



Built-in EMC Filter

Built-in Class A (C2)* standard EMC filter saves additional procurement cost and wiring time, and provides more cabinet space for other devices to use

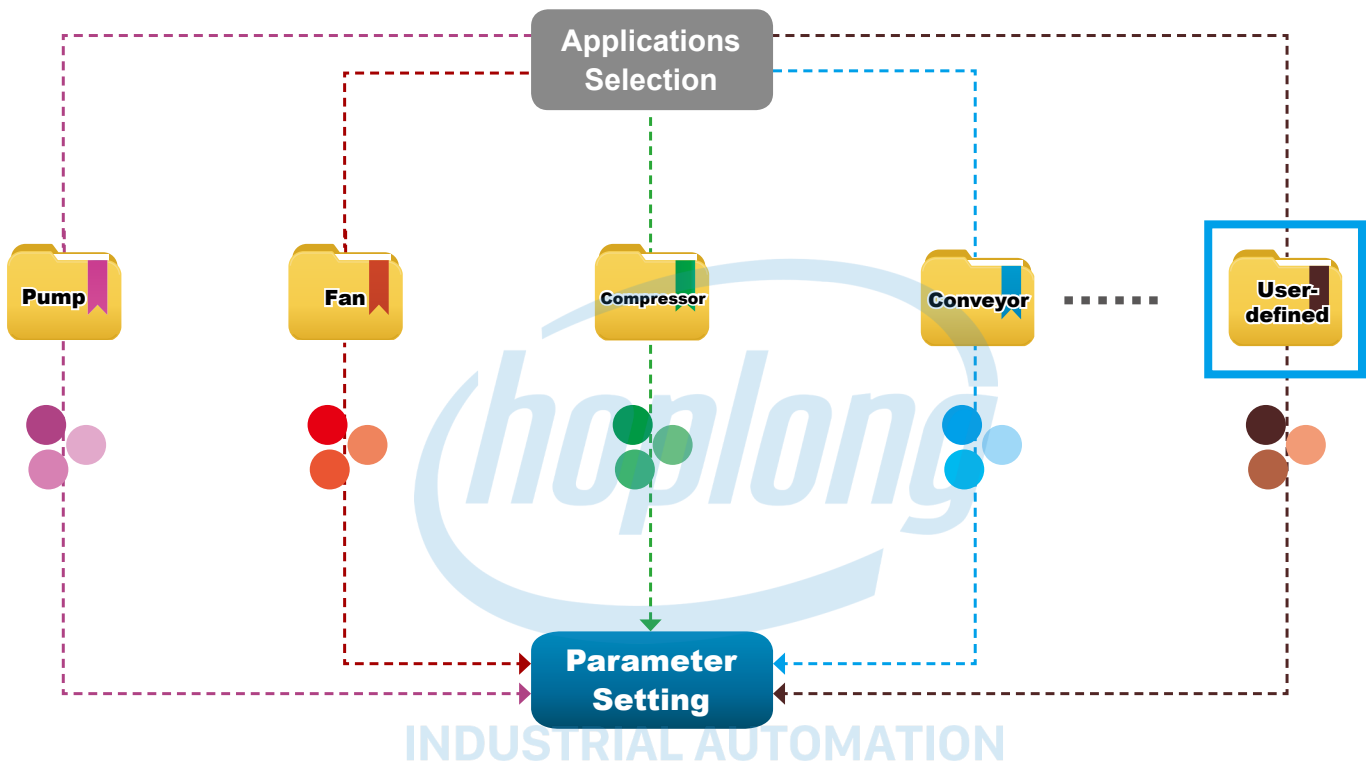
*Class A (C3) for 400V models



Easy Set Up

Application Groups (Macro)

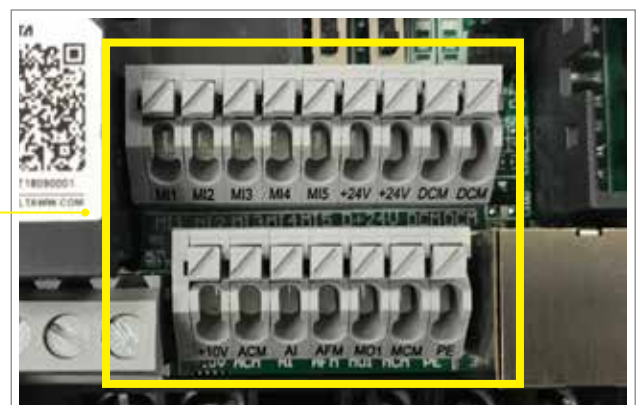
- Simplifies the parameter setting process by grouping the parameters for different applications to use
- Users can establish own parameter group for different customer or equipment
- Users can choose to retain or delete the parameter group and setting values when resetting to default



Screwless Wiring of Control Terminal

Spring clamp terminal blocks provide fast and easy wiring

Saves wiring time



Wide Range of Applications

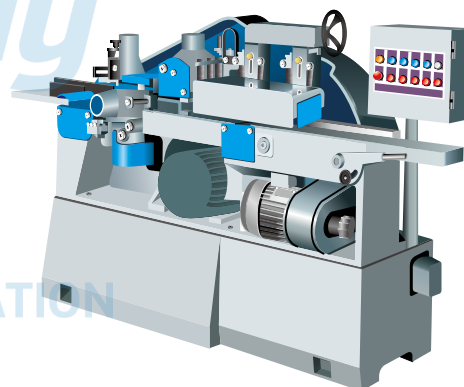
Conveyors

- VR knob for easy adjustment
- High starting torque: up to 200% at 0.5 Hz
- Timely acceleration / deceleration control improves operation efficiency
- Built-in braking chopper saves space and purchasing costs
- 2 sets of motor parameters for more flexibility
- Compact design for space savings
- Optional STO function ensures operator safety and effectively reduces accident rate



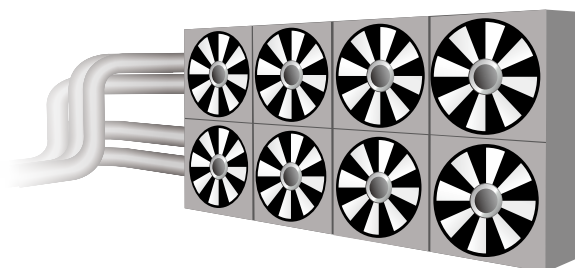
Woodworking Machines

- Timely acceleration / deceleration control improves operation efficiency
- Optional STO function ensures operator safety and effectively reduces accident rate
- Built-in EMC filter effectively reduces electromagnetic interference
- Compact in size and weight, easy to install and maintain



Fans

- Supports both induction motor and permanent motor (IPM/SPM)
- VR knob for easy adjustment
- Speed search function allows motor start under any condition
- Optimized hardware layout and anti-pollution design resist dust and fiber
- Compact design for space savings



Single / Multi-pumps

- Built-in PID feedback control and leakage detection function
- Supports multi-pumps (constant pressure) and alternate operation
- Features pump parameter group or user-defined group for easy setting
- Wide range voltage input for various types of pumps and areas
- 2 sets of motor parameters for more flexibility



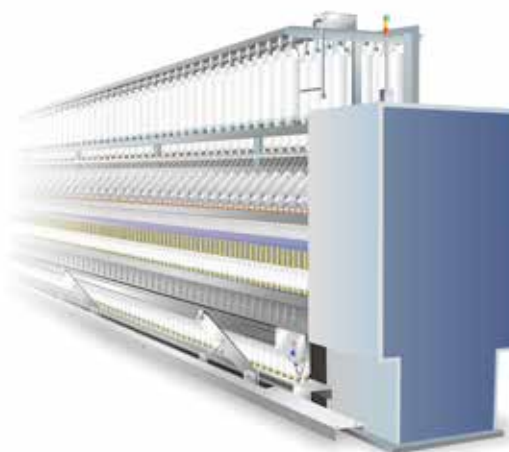
Packaging Machines

- Compact design provides more cabinet space
- Optional built-in STO function ensures operator safety and effectively reduces accident rates
- Built-in braking chopper saves system construction cost
- Built-in RS-485 (Modbus) and various communication cards upon selection (optional)
- High-speed pulse input
- Supports frequency command by pulse input to improve control precision



Textile Machines

- Optional NEMA models provide excellent protection in environment with dust, fiber and moisture
- Improved heatsink design prevents fiber clogging the air way; modular design of fan is easy to clean and provides longer lifetime
- Improved braking capability shortens the deceleration to stop time, suitable for sudden stop requirements
- Deceleration to stop function protects the equipment from damage when sudden power failure occurs
- Optional STO function ensures operator safety and effectively reduces accident rate
- Supports both induction motors and permanent motors



Specifications

Product Specifications

Single-phase
115 V

Models without built-in EMC filter						
Frame			A			C
Applicable Motor Output (kW)			0.1	0.2	0.4	0.75
Applicable Motor Output (HP)			1/8	1/4	1/2	1
Inverter Output	Heavy Duty	Rated Output Current (A)	0.8	1.6	2.5	4.8
	Normal Duty	Rated Output Current (A)	1.0	1.8	2.7	5.5
Carrier Frequency (kHz)			2 ~ 15			
Brake Chopper			Built-in			
DC Reactor			Optional			
AC Reactor			Optional			
Cooling Method			Natural air cooling			Fan cooling
Size: W × H (mm)			68 × 128			87 × 157
Size: D (mm)			78	107	136	

Single-phase
230 V

30 V

Models with built-in EMC filter								
Frame			B				C	
Applicable Motor Output (kW)			0.1	0.2	0.4	0.75	1.5	2.2
Applicable Motor Output (HP)			1/8	1/4	1/2	1	2	3
Inverter Output	Heavy Duty	Rated Output Current (A)	0.8	1.6	2.8	4.8	7.5	11
	Normal Duty	Rated Output Current (A)	1.0	1.8	3.2	5	8.5	12.5
Carrier Frequency (kHz)			2 ~ 15					
Brake Chopper			Built-in					
DC Reactor			Optional					
AC Reactor			Optional					
Cooling Method			Natural air cooling		Fan cooling			
Size: W x H (mm)			72 x 142				87 x 157	
Size: D (mm)			143				163	
Models without built-in EMC filter								
Frame			A		B	C		
Cooling Method			Natural air cooling				Fan cooling	
Size: W × H (mm)			68 × 128			72 × 142	87 × 157	
Size: D (mm)			78		107	127	136	

3-phase
230 V

30V

Models without built-in EMC filter										
Frame			A1				B	C		D
Applicable Motor Output (kW)			0.1	0.2	0.4	0.75	1.5	2.2	3.7	5.5
Applicable Motor Output (HP)			1/8	1/4	1/2	1	2	3	5	7.5
Inverter Output	Heavy Duty	Rated Output Current (A)	0.8	1.6	2.8	4.8	7.5	11	17	25
	Normal Duty	Rated Output Current (A)	1.0	1.8	3.2	5.0	8.0	12.5	19.5	27
Carrier Frequency (kHz)			2 ~ 15							
Brake Chopper			Built-in							
DC Reactor			Optional							
AC Reactor			Optional							
Cooling Method			Natural air cooling				Fan cooling			
Size: W × H (mm)			68 × 128				72 × 142		87 × 157	
Size: D (mm)			78	92	125	127	136		138	

3-phase
460 V

600 V

Models with built-in EMC filter									
Frame			B3			C2		D2	
Applicable Motor Output (kW)			0.4	0.75	1.5	2.2	3.7	5.5	7.5
Applicable Motor Output (HP)			1/2	1	2	3	5	7.5	10
Inverter Output	Heavy Duty	Rated Output Current (A)	1.5	2.7	4.2	5.5	9	13	17
	Normal Duty	Rated Output Current (A)	1.8	3	4.6	6.5	10.5	15.7	20.5
Carrier Frequency (kHz)			2 ~ 15						
Brake Chopper			Built-in						
DC Reactor			Optional						
AC Reactor			Optional						
Cooling Method			Fan cooling						
Size: W × H (mm)			72 × 142			87 × 157		109 × 207	
Size: D (mm)			143			163		171	
Models without built-in EMC filter									
Frame			A		B	C		D	
Cooling Method			Natural air cooling		Fan cooling				
Size: W×H (mm)			68 × 128		72 × 142	87 × 157		109 × 207	
Size: D (mm)			113	127	127	136		138	

Specifications

General Specifications and Accessories

Control Functions	Control Methods	V/F, SVC
	Applicant Motors	Induction motor (IM), interior permanent magnet (IPM) motor, surface permanent magnet (SPM) motor
	Max. Output Frequency	0.00 ~ 599.00 Hz
	Starting Torque*	150%/3 Hz (V/f, SVC control for IM, heavy duty) 100%/(1/20 of motor rated frequency) (SVC control for PM, heavy duty)
	Speed Control Range*	1 : 50 (V/f, SVC control for IM, heavy duty) 1 : 20 (SVC control for PM, heavy duty)
	Overload Tolerance	Normal Duty (ND): 120% of rated output current for 60 seconds; 150% of rated output current for 3 seconds Heavy Duty (HD): 150% of rated output current for 60 seconds; 200% of rated output current for 3 seconds
	Frequency Setting Signal	0 ~ 10V / 4(0) 20mA, 1pulse input (10kHz)
	Main Control Functions	Multiple motor switches (max. 2 independent motor parameter settings), fast run, deceleration energy back (DEB) function, fast deceleration function, selectable master and auxiliary frequency source, momentary power loss ride through, speed search, over-torque detection, 16-step speed (max.), accel. / decel. time switch, S-curve accel/decel, 3-wire sequence, JOG frequency, upper/lower limits for frequency reference, DC injection braking at start and stop, PID control, simple positioning function, Modbus integrated as standard
Protection Functions	Motor Protection	Overcurrent protection, overvoltage protection, overload protection, over-temperature protection, phase failure protection
	Stall Prevention	Stall prevention during acceleration, deceleration and running independently
Certifications		UL, CE, RoHS, RCM, TUV, REACH

*Control accuracy may vary depending on the environment, application conditions, different motors or encoder. For details, please contact our company or your local distributor.

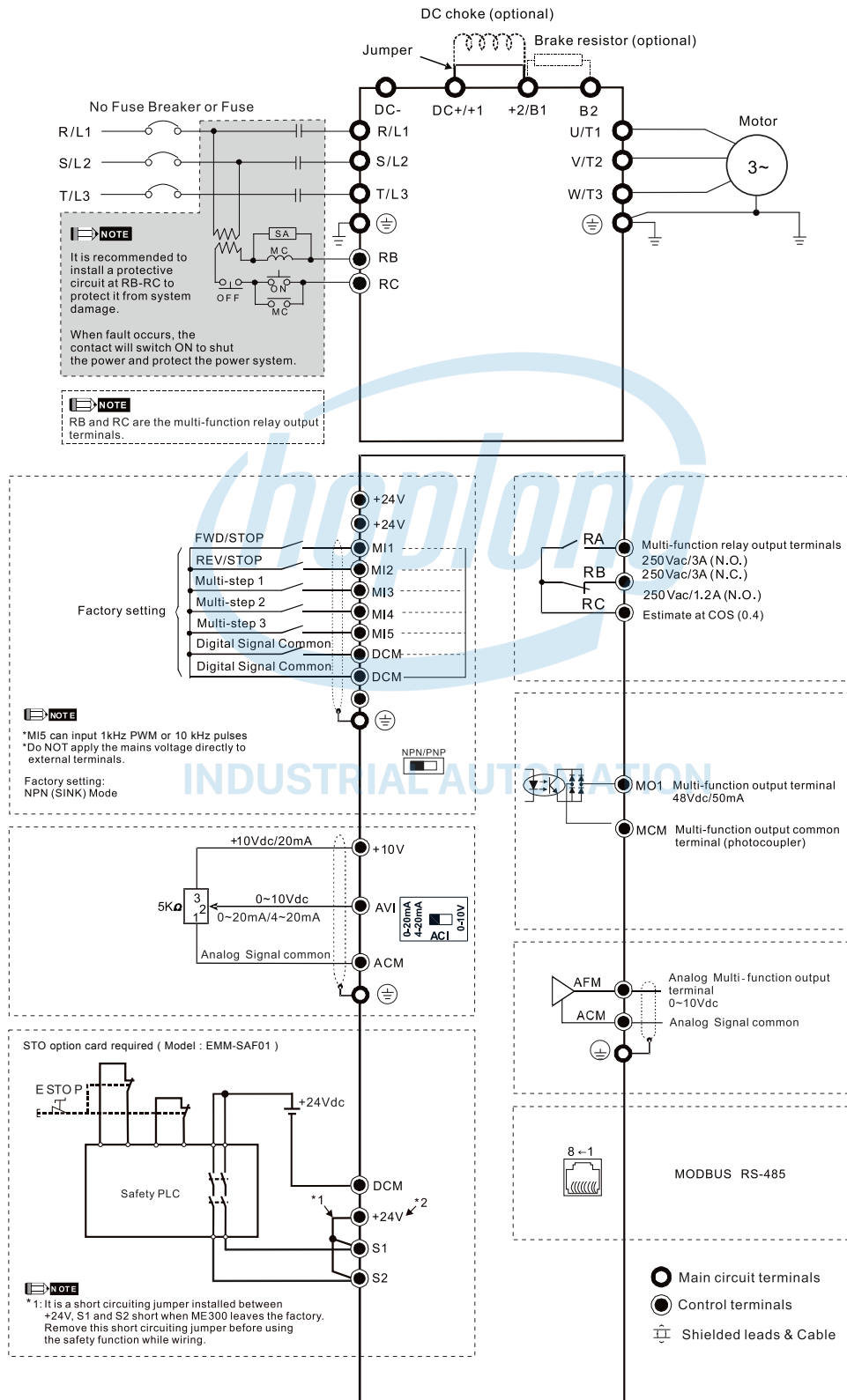
Operating Environment

Operating Environment	Installation Location		IEC60364-1/IEC60664-1 Pollution degree 2, Indoor use only	
	Ambient Temperature	Operation	IP20/UL Open Type	-20 to 50 °C
			-20 to 60 °C (derating required)	
			NEMA 1/UL Type 1	-20 to 40 °C
			-20 to 50 °C (derating required)	
		Zero stacking installation		-20 to 50 °C (derating required)
	Storage		-40 to 85 °C	
	Transportation		-20 to 70 °C	
	Rated Humidity	Operation		Max. 90%
		Storage/Transportation		Max. 95%
	Air Pressure	Operation		86 ~ 106 kPa
		Storage/Transportation		70 ~ 106 kPa
Pollution Level		Compliance to IEC60721-3-3, 3C2		
Altitude		An altitude of 0 ~ 1000 m for normal operation (derating is required for installation at an altitude above 1000 m)		
Vibration		Compliant to IEC 60068-2-6		
Shock		Compliant to IEC/EN 60068-2-27		

* Please refer to ME300 user manual for more details

Wiring

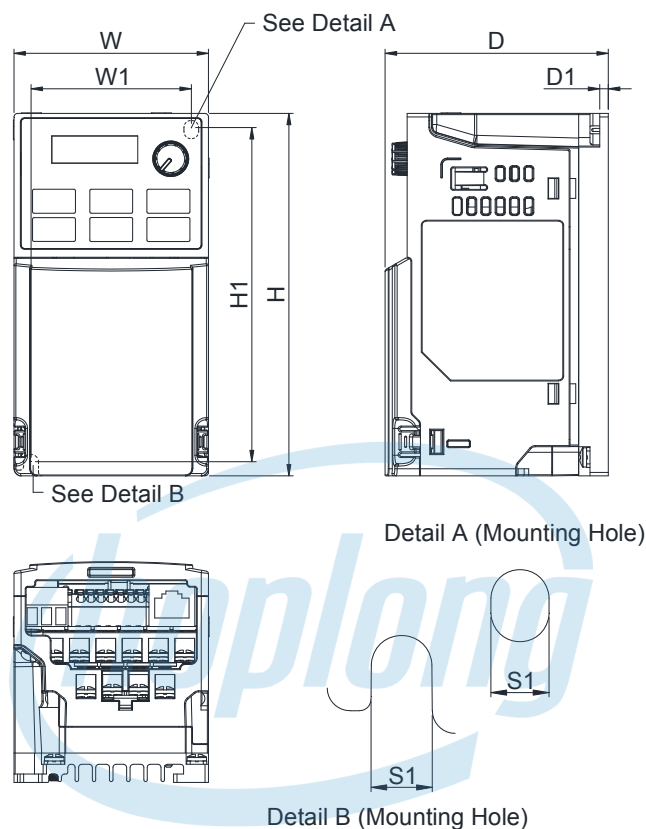
Input: Single-phase / 3-phase power



Specifications

Dimensions

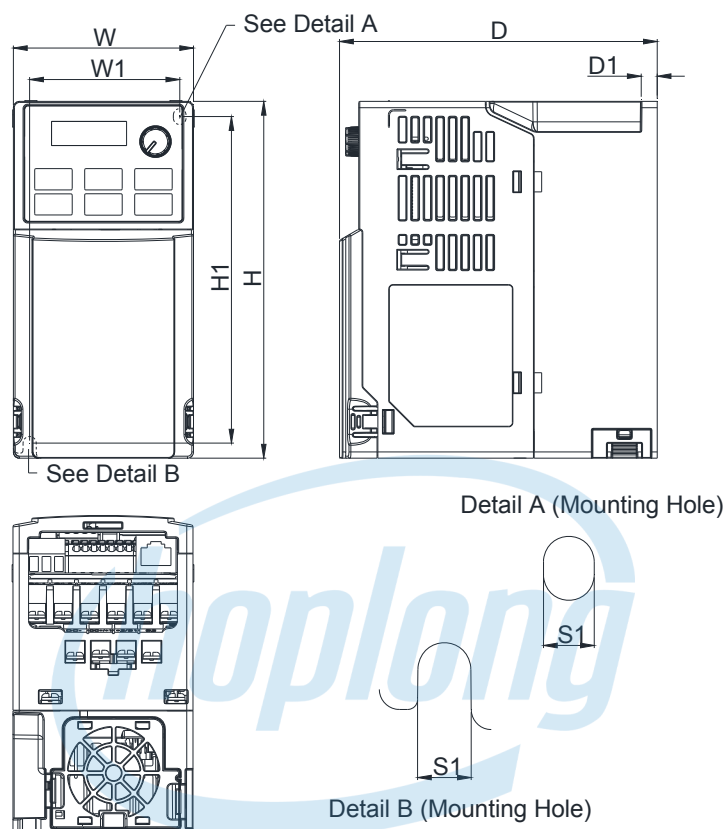
Frame A



Model	INDUSTRIAL AUTOMATION				
Frame A1	Frame A2	Frame A3	Frame A4	Frame A5	Frame A6
VFD0A8ME11ANNAA	VFD2A8ME23ANNAA	VFD2A5ME11ANNAA	VFD1A5ME43ANNAA	VFD4A8ME23ANNAA	VFD2A7ME43ANNAA
VFD0A8ME11ANSAA	VFD2A8ME23ANSAA	VFD2A5ME11ANSAA	VFD1A5ME43ANSAA	VFD4A8ME23ANSAA	VFD2A7ME43ANSAA
VFD0A8ME21ANNAA		VFD2A8ME21ANNAA			
VFD0A8ME21ANSAA		VFD2A8ME21ANSAA			
VFD0A8ME23ANNAA					
VFD0A8ME23ANSAA					
VFD1A6ME11ANNAA					
VFD1A6ME11ANSAA					
VFD1A6ME21ANNAA					
VFD1A6ME21ANSAA					
VFD1A6ME23ANNAA					
VFD1A6ME23ANSAA					

Frame		W	H	D	W1	H1	D1	S1
A1	mm	68.0	128.0	78.0	56.0	118.0	3.0	5.2
	inch	2.68	5.04	3.07	2.20	4.65	0.12	0.20
Frame		W	H	D	W1	H1	D1	S1
A2	mm	68.0	128.0	92.0	56.0	118.0	3.0	5.2
	inch	2.68	5.04	3.62	2.20	4.65	0.12	0.20
Frame		W	H	D	W1	H1	D1	S1
A3	mm	68.0	128.0	107.0	56.0	118.0	3.0	5.2
	inch	2.68	5.04	4.21	2.20	4.65	0.12	0.20
Frame		W	H	D	W1	H1	D1	S1
A4	mm	68.0	128.0	113.0	56.0	118.0	3.0	5.2
	inch	2.68	5.04	4.45	2.20	4.65	0.12	0.20
Frame		W	H	D	W1	H1	D1	S1
A5	mm	68.0	128.0	125.0	56.0	118.0	3.0	5.2
	inch	2.68	5.04	4.92	2.20	4.65	0.12	0.20
Frame		W	H	D	W1	H1	D1	S1
A6	mm	68.0	128.0	127.0	56.0	118.0	3.0	5.2
	inch	2.68	5.04	5.00	2.20	4.65	0.12	0.20

Frame B



Model

Frame B1

VFD7A5ME23ANNAA
VFD7A5ME23ANSAA
VFD4A2ME43ANNAA
VFD4A2ME43ANSAA

Frame B2

VFD4A8ME21ANNAA
VFD4A8ME21ANSAA

Frame B3

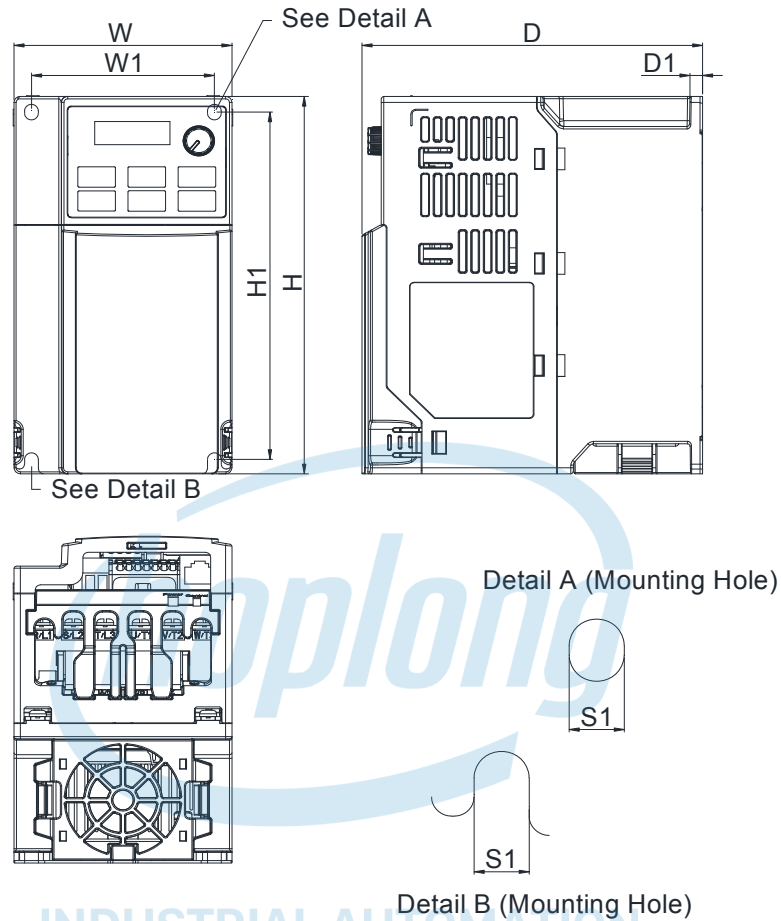
VFD0A8ME21AFNAA
VFD1A6ME21AFNAA
VFD2A8ME21AFNAA
VFD4A8ME21AFNAA
VFD1A5ME43AFNAA
VFD2A7ME43AFNAA
VFD4A2ME43AFNAA

Frame		W	H	D	W1	H1	D1	S1
B1	mm	72.0	142.0	127.0	60.0	130.0	6.4	5.2
	inch	2.83	5.59	5.00	2.36	5.12	0.25	0.20
Frame		W	H	D	W1	H1	D1	S1
B2	mm	72.0	142.0	127.0	60.0	130.0	3.0	5.2
	inch	2.83	5.59	5.00	2.36	5.12	0.12	0.20
Frame		W	H	D	W1	H1	D1	S1
B3	mm	72.0	142.0	143.0	60.0	130.0	4.3	5.2
	inch	2.83	5.59	5.63	2.36	5.12	0.17	0.20

Specifications

Dimensions

Frame C



Model

Frame C1

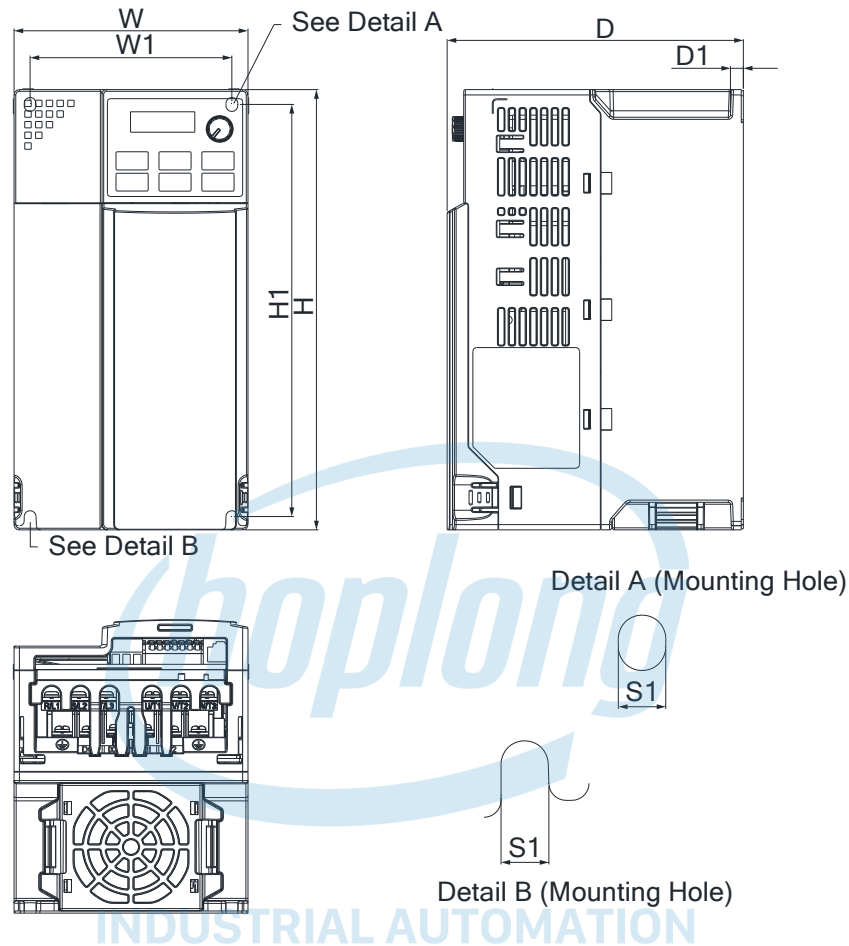
VFD4A8ME11ANNAA
VFD4A8ME11ANSAA
VFD7A5ME21ANNAA
VFD7A5ME21ANSAA
VFD11AME21ANNAA
VFD11AME21ANSAA
VFD11AME23ANNAA
VFD11AME23ANSAA
VFD17AME23ANNAA
VFD17AME23ANSAA
VFD5A5ME43ANNAA
VFD5A5ME43ANSAA
VFD9A0ME43ANNAA
VFD9A0ME43ANSAA

Frame C2

VFD7A5ME21AFNAA
VFD11AME21AFNAA
VFD5A5ME43AFNAA
VFD9A0ME43AFNAA

Frame		W	H	D	W1	H1	D1	S1
C1	mm	87.0	157.0	136.0	73.0	144.5	5.0	5.5
	inch	3.43	6.18	5.35	2.87	5.69	0.20	0.22
Frame		W	H	D	W1	H1	D1	S1
C2	mm	87.0	157.0	163.0	73.0	144.5	5.0	5.5
	inch	3.43	6.18	6.42	2.87	5.69	0.20	0.22

Frame D



Model

Frame D1

VFD25AME23ANNAA
VFD25AME23ANSAA
VFD13AME43ANNAA
VFD13AME43ANSAA
VFD17AME43ANNAA
VFD17AME43ANSAA

Frame D2

VFD13AME43AFNAA
VFD17AME43AFNAA

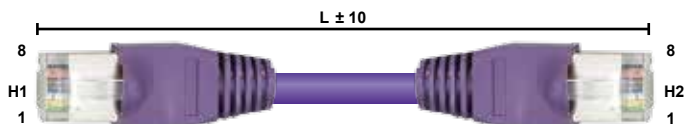
Frame		W	H	D	W1	H1	D1	S1
D1	mm	109.0	207.0	138.0	94.0	193.8	6.0	5.5
	inch	4.29	8.15	5.43	3.70	7.63	0.24	0.22
Frame		W	H	D	W1	H1	D1	S1
D2	mm	109.0	207.0	171.0	94.0	193.8	6.0	5.5
	inch	4.29	8.15	6.73	3.70	7.63	0.24	0.22

Specifications

Accessories

▪ RJ45 Extension Cable for Digital Keypad

Model: TAP-CB05, TAP-CB10



Title	Part No.	L	
		mm	inch
1	UC-CMC003-01A	300	11.8
2	UC-CMC005-01A	500	19.6
3	UC-CMC010-01A	1000	39
4	UC-CMC015-01A	1500	59
5	UC-CMC020-01A	2000	78.7
6	UC-CMC030-01A	3000	118.1
7	UC-CMC050-01A	5000	196.8
8	UC-CMC100-01A	10000	393.7
9	UC-CMC200-01A	20000	787.4

▪ Digital Keypads

KPC-CC01

- Highly illuminated LCD display
- Supports Modbus RS-485
- Languages: Traditional Chinese, Simplified Chinese, English



KPC-CE01

- RJ45 (socket), RS-485 interface



Model Name

VFD 1A5 ME 43 A N N A A

Variable Frequency Drive

Rated Output Current

Under Heavy Duty Mode (150% 60 seconds)

Series Name

ME : Basic Compact Drive ME300

Input Voltage

11 : 115V single-phase 23 : 230V three-phase
21 : 230V single-phase 43 : 460V three-phase

IP Level

A : IP20

Version

Model Type

A : Standard model

Safe Torque Off (STO)

N : None
S : Built-in STO

EMC Filter

N : None
F : Built-in EMC Filter

Ordering Information

Power Range			Frame Size	Model Name	Standard Models (0 ~ 599 Hz)	
Max. Applicable Motor Capacity		Drive Rated Output Current			Built-in EMC Filter	Built-in STO
[HP]	[kW]	[A]				
115V/single-phase						
1/8	0.1	0.8	A	VFD0A8ME11ANNAA	-	-
1/8	0.1	0.8	A	VFD0A8ME11ANSAA	-	V
1/4	0.2	1.6	A	VFD1A6ME11ANNAA	-	-
1/4	0.2	1.6	A	VFD1A6ME11ANSAA		V
1/2	0.4	2.5	A	VFD2A5ME11ANNAA	-	-
1/2	0.4	2.5	A	VFD2A5ME11ANSAA	-	V
1	0.75	4.8	C	VFD4A8ME11ANNAA	-	-
1	0.75	4.8	C	VFD4A8ME11ANSAA	-	V
230V/single-phase						
1/8	0.1	0.8	A	VFD0A8ME21ANNAA	-	-
1/8	0.1	0.8	A	VFD0A8ME21ANSAA	-	V
1/8	0.1	0.8	B	VFD0A8ME21AFNAA	V	-
1/8	0.1	0.8	B	VFD0A8ME21AFSAA	V	V
1/4	0.2	1.6	A	VFD1A6ME21ANNAA	-	-
1/4	0.2	1.6	A	VFD1A6ME21ANSAA	-	V
1/4	0.2	1.6	B	VFD1A6ME21AFNAA	V	-
1/4	0.2	1.6	B	VFD1A6ME21AFSAA	V	V
1/2	0.4	2.8	A	VFD2A8ME21ANNAA	-	-
1/2	0.4	2.8	A	VFD2A8ME21ANSAA	-	V
1/2	0.4	2.8	B	VFD2A8ME21AFNAA	V	-
1/2	0.4	2.8	B	VFD2A8ME21AFSAA	V	V
1	0.75	4.8	B	VFD4A8ME21ANNAA	-	-
1	0.75	4.8	B	VFD4A8ME21ANSAA	-	V
1	0.75	4.8	B	VFD4A8ME21AFNAA	V	-
1	0.75	4.8	B	VFD4A8ME21AFSAA	V	V
2	1.5	7.5	C	VFD7A5ME21ANNAA	-	-
2	1.5	7.5	C	VFD7A5ME21ANSAA	-	V
2	1.5	7.5	C	VFD7A5ME21AFNAA	V	-
2	1.5	7.5	C	VFD7A5ME21AFSAA	V	V
3	2.2	11.0	C	VFD11AME21ANNAA	-	-
3	2.2	11.0	C	VFD11AME21ANSAA	-	V
3	2.2	11.0	C	VFD11AME21AFNAA	V	-
3	2.2	11.0	C	VFD11AME21AFSAA	V	V
230V/three-phase						
1/8	0.1	0.8	A	VFD0A8ME23ANNAA	-	-
1/8	0.1	0.8	A	VFD0A8ME23ANSAA	-	V
1/4	0.2	1.6	A	VFD1A6ME23ANNAA	-	-
1/4	0.2	1.6	A	VFD1A6ME23ANSAA	-	V
1/2	0.4	2.8	A	VFD2A8ME23ANNAA	-	-
1/2	0.4	2.8	A	VFD2A8ME23ANSAA	-	V
1	0.75	4.8	A	VFD4A8ME23ANNAA	-	-

Specifications

Ordering Information

Power Range			Frame Size	Model Name	Standard Models (0 ~ 599 Hz)	
Max. Applicable Motor Capacity		Drive Rated Output Current			Built-in EMC Filter	Built-in STO
[HP]	[kW]	[A]				
230V / three-phase						
1	0.75	4.8	A	VFD4A8ME23ANSAA	-	V
2	1.5	7.5	B	VFD7A5ME23ANNAA	-	-
2	1.5	7.5	B	VFD7A5ME23ANSAA	-	V
3	2.2	11.0	C	VFD11AME23ANNAA	-	-
3	2.2	11.0	C	VFD11AME23ANSAA	-	V
5	3.7	17.0	C	VFD17AME23ANNAA	-	-
5	3.7	17.0	C	VFD17AME23ANSAA	-	V
7.5	5.5	25.0	D	VFD25AME23ANNAA	-	-
7.5	5.5	25.0	D	VFD25AME23ANSAA	-	V
460V / three-phase						
1/2	0.4	1.5	A	VFD1A5ME43ANNAA	-	-
1/2	0.4	1.5	A	VFD1A5ME43ANSAA	-	V
1/2	0.4	1.5	B	VFD1A5ME43AFNAA	V	-
1/2	0.4	1.5	B	VFD1A5ME43AFSAA	V	V
1	0.75	2.7	A	VFD2A7ME43ANNAA	-	-
1	0.75	2.7	A	VFD2A7ME43ANSAA	-	V
1	0.75	2.7	B	VFD2A7ME43AFNAA	V	-
1	0.75	2.7	B	VFD2A7ME43AFSAA	V	V
2	1.5	4.2	B	VFD4A2ME43ANNAA	-	-
2	1.5	4.2	B	VFD4A2ME43ANSAA	-	V
2	1.5	4.2	B	VFD4A2ME43AFNAA	V	-
2	1.5	4.2	B	VFD4A2ME43AFSAA	V	V
3	2.2	5.5	C	VFD5A5ME43ANNAA	-	-
3	2.2	5.5	C	VFD5A5ME43ANSAA	-	V
3	2.2	5.5	C	VFD5A5ME43AFNAA	V	-
3	2.2	5.5	C	VFD5A5ME43AFSAA	V	V
5	3.7	9.0	C	VFD9A0ME43ANNAA	-	-
5	3.7	9.0	C	VFD9A0ME43ANSAA	-	V
5	3.7	9.0	C	VFD9A0ME43AFNAA	V	-
5	3.7	9.0	C	VFD9A0ME43AFSAA	V	V
7.5	5.5	13.0	D	VFD13AME43ANNAA	-	-
7.5	5.5	13.0	D	VFD13AME43ANSAA	-	V
7.5	5.5	13.0	D	VFD13AME43AFNAA	V	-
7.5	5.5	13.0	D	VFD13AME43AFSAA	V	V
10	7.5	17.0	D	VFD17AME43ANNAA	-	-
10	7.5	17.0	D	VFD17AME43ANSAA	-	V
10	7.5	17.0	D	VFD17AME43AFNAA	V	-
10	7.5	17.0	D	VFD17AME43AFSAA	V	V



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