



Automation for a Changing World

## **Delta Basic Compact Drive ME300 Series**



[www.deltaww.com](http://www.deltaww.com)

 **DELTA**  
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 control cabinet. The ME300 also supports both induction and interior/surface permanent motors, providing more efficiency and flexibility. The 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.





## Models Overview

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Hardware Design  
Side-by-side Installation  
Standard Models



## Outstanding Drive Performance

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



## Strong System Support

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Pump Control  
Multi-pump Control  
Pulse Input  
Built-in Modbus Communication  
Built-in Braking Chopper  
High Overload Capability  
Common DC Bus



## Stable, Safe and Reliable

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Safe Torque Off  
PCB Coating  
NEMA1 Kit (Optional)  
Built-in EMC Filter



## Easy Set Up

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Application Groups (Macro)  
Screwless Wiring of Control Terminal



## Wide Range of Applications

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Single / Multi-pumps  
Conveyors  
Fans  
Woodworking Machines  
Packaging Machines  
Textile Machines



## Specifications

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Product Specifications  
General Specifications and Accessories  
Operating Environment  
Wiring  
Dimensions  
Accessories  
Model Name  
Ordering Information

# Models Overview

## Hardware Design

Compact design and user-friendly interface

**Size reduction \***  
**60%**

**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

**Removable RFI Jumper**

Applicable for different application needs



**Screwless Front Case**

Press on both side tabs to remove the case

\* Up to 60% size reduction compared with corresponding ratings of Delta's VFD-EL Series

## 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	

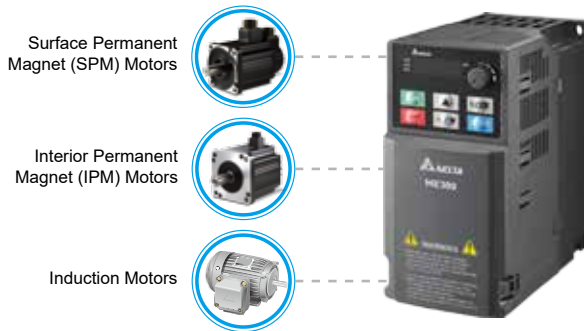
### 460V 3-phase (Built-in EMC filter)

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

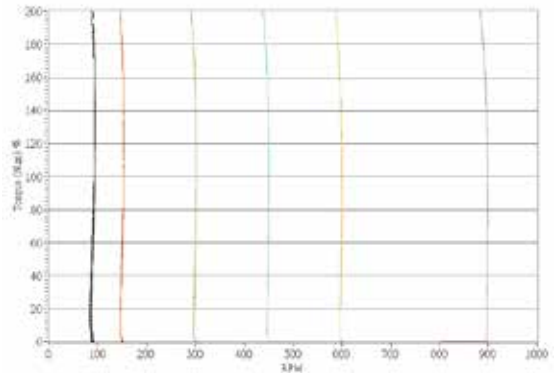
## Supports IM and PM Motors

Supports 2 independent induction motor control parameter sets



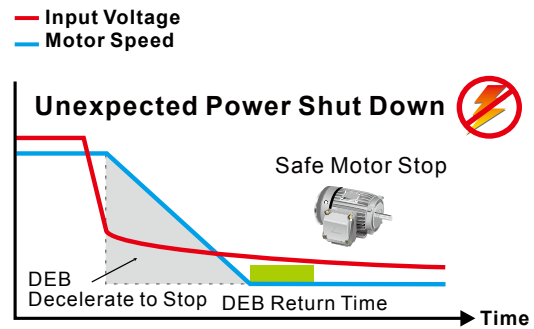
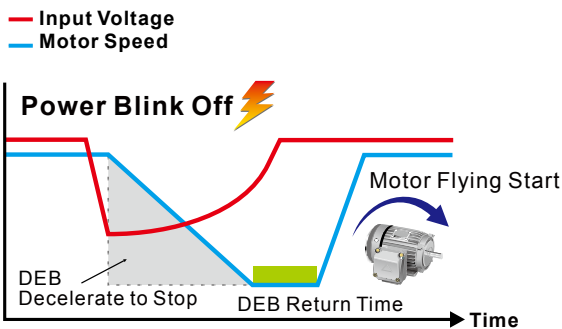
## High Starting Torque

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



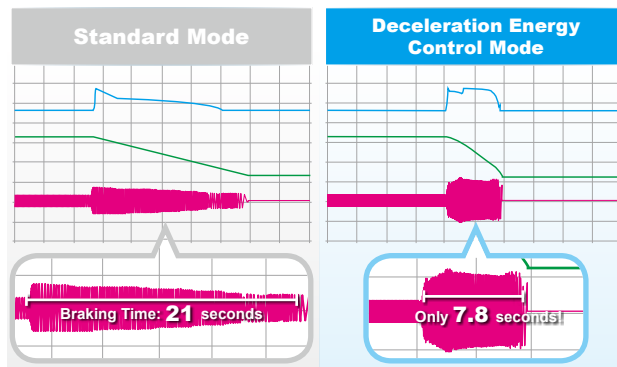
## Deceleration Energy Backup (DEB)

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



## 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

## Pump Control

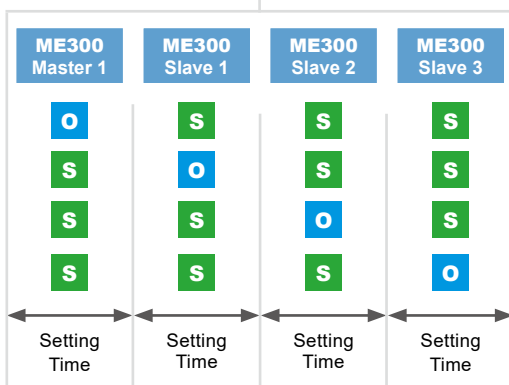
- Sleep Mode & Leakage Detection: When the system is at constant pressure, the ME300 will enter / stay in sleep mode to prevent frequent starting and stopping (Proper parameter settings required)
- Dry-run Detection: When the water supply is off, the ME300 will decelerate to stop to protect pump from dry-run

## Multi-pump Control

- Alternate Operation: Alternates pump operation in cycles. Cycle can be set by hours, days or weeks
- Constant Pressure Mode: Provides consistent energy-efficient water supply by adjusting operating pump quantities based on real-time demands

ME300 Status o Operating s Standby

### Alternate Operation

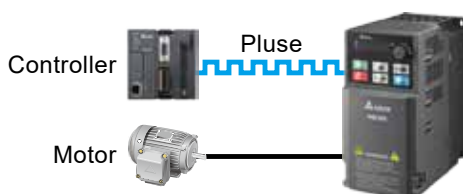


### Constant Pressure Mode



## Pulse Input

Supports single pulse and PWM input (10 kHz) 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 ± terminals for common DC bus wiring; the drives share the regeneration power during deceleration to save energy and the braking resistor

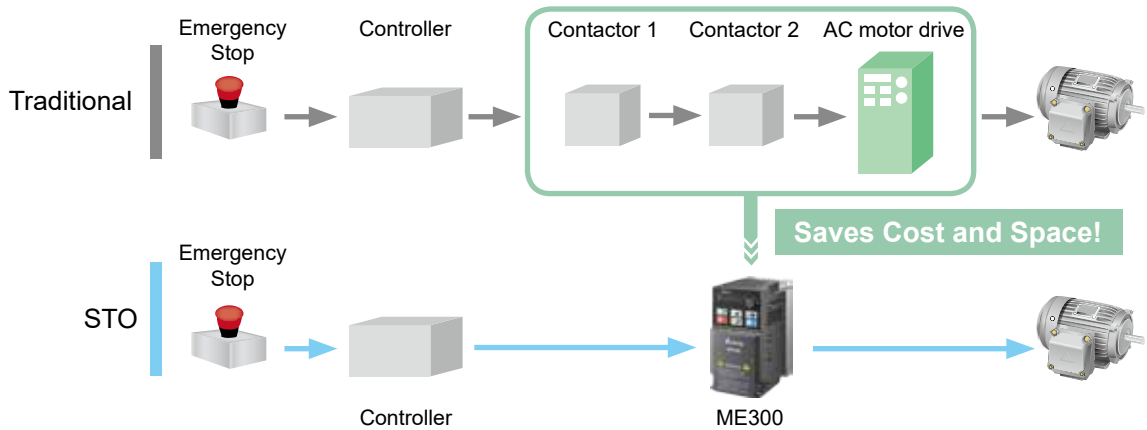
# Stable, Safe and Reliable

## Safe Torque Off

Compliant with:

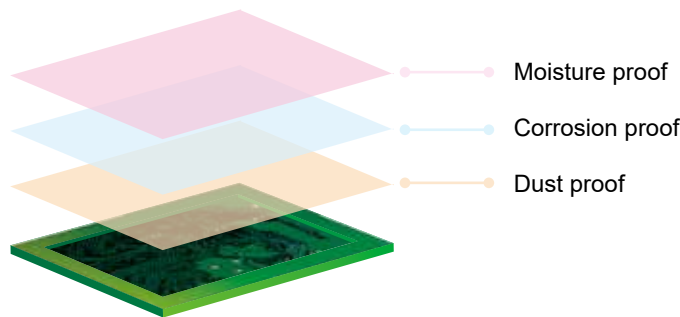
- ▶ ISO 13849-1:2015 Category 3 PL d
- ▶ EN 61508 SIL2

- ▶ EN 60204-1 Category 0
- ▶ 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)

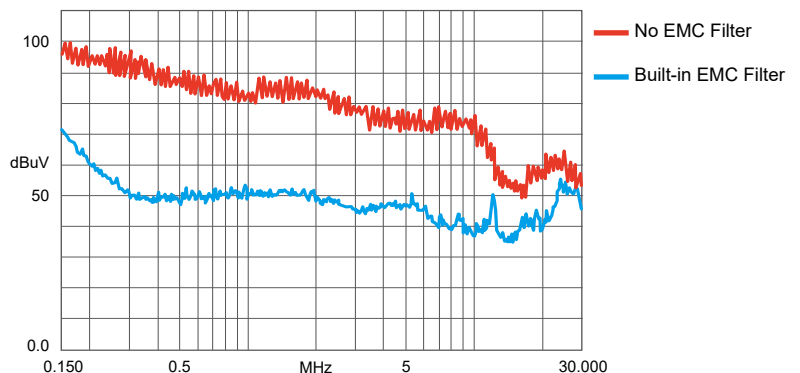
Provides NEMA 1 kit to prevent dust and other particles from entering the drive and avoids risk from electric shock. It is suitable for applications under critical conditions



## 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

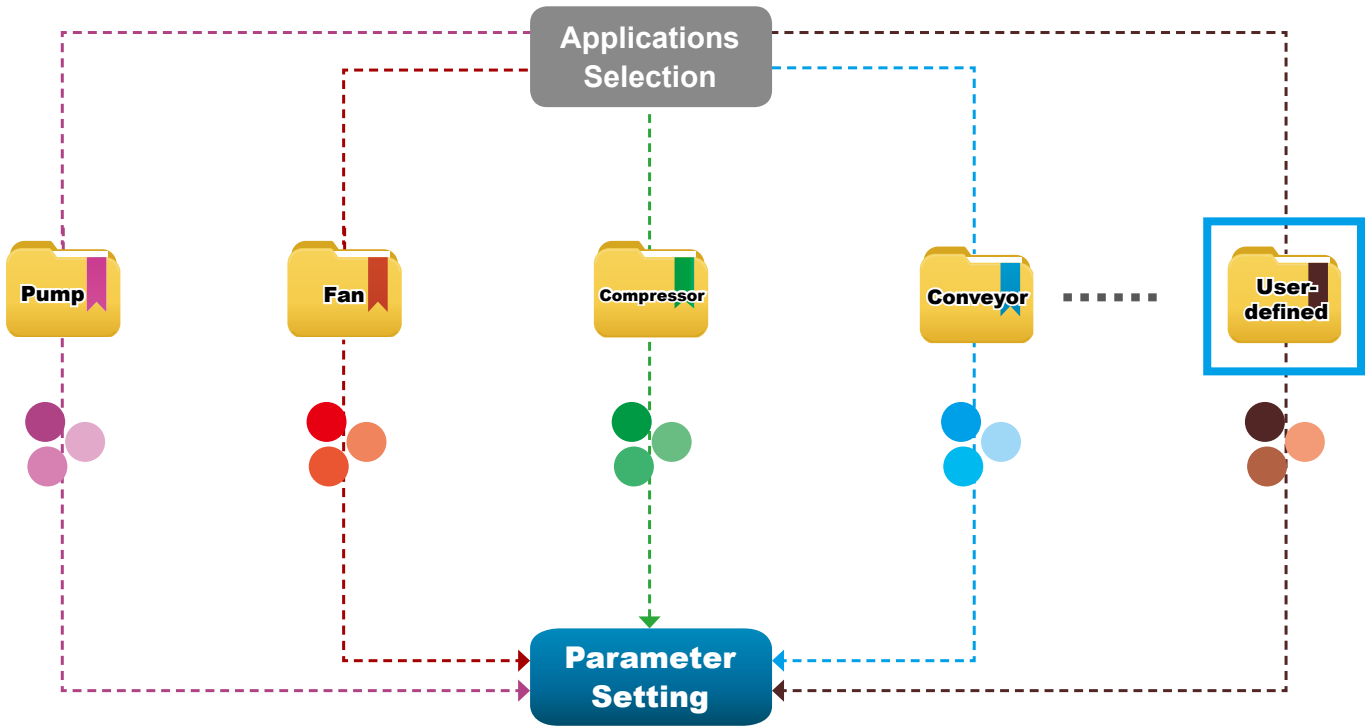




# Easy Set Up

## Application Groups (Macro)

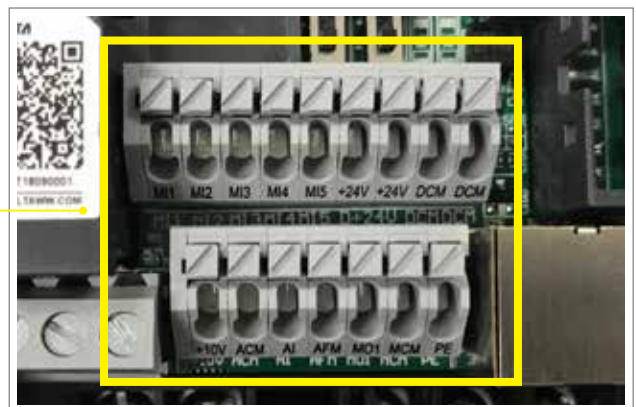
- Simplifies the parameter setting process by grouping the parameters for different applications to use
- Users can establish own parameter group for different customer or equipment
- User-defined parameter values can be retained when resetting to default



## Screwless Wiring of Control Terminal

Spring clamp terminal blocks provide fast and easy wiring

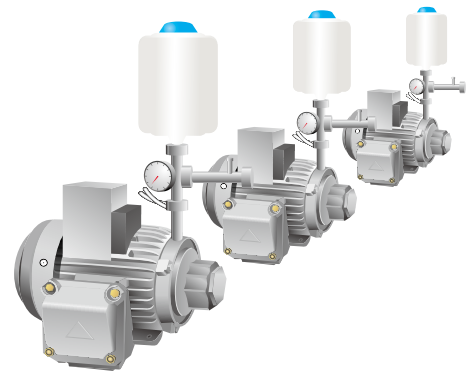
Saves wiring time



# Wide Range of Applications

## Single / Multi-pumps

- Built-in PID feedback control, no additional PID controller required
- Supports multi-pumps (constant pressure) and alternate operation
- Equipped with liquid leakage detection function and sleep mode
- Displays actual and target value at the same time for easy operation
- Pump or self-defined parameter groups for easy setting
- Wide range voltage input for various types of pumps and areas



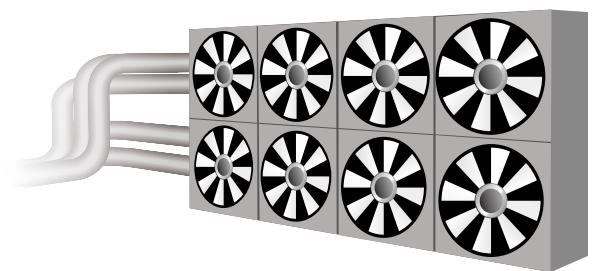
## Conveyors

- VR knob for easy adjustment
- High starting torque: up to 200% at 0.5 Hz
- Outstanding acceleration / deceleration performance improves production efficiency
- Built-in braking chopper saves space and purchasing costs
- 2 sets of motor parameters for more flexibility
- Compact design for space savings
- STO function enhances system safety



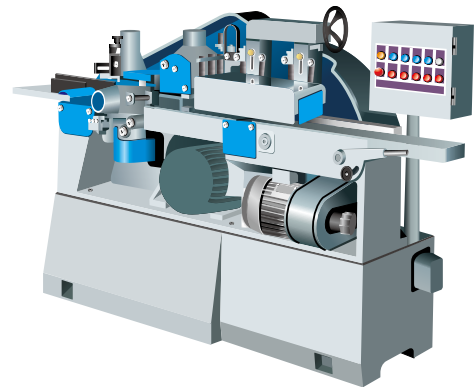
## Fans

- Supports both induction motor and permanent motor (IPM/SPM)
- VR knob for easy adjustment
- Speed search function allows motor start without stopping
- Optimized hardware layout and anti-pollution design resist dust and fiber
- Compact design for space savings



## Woodworking Machines

- Outstanding acceleration / deceleration performance improves production efficiency
- STO function enhances system safety
- Built-in EMC filter effectively reduces electromagnetic interference
- Compact in size and weight, easy to install and maintain



## Packaging Machines

- Compact design provides more cabinet space
- STO function enhances system safety
- Built-in braking chopper saves system construction cost
- Built-in RS-485 (Modbus)
- Supports high speed pulse and PWM input as frequency command to improve control precision



## Textile Machines

- Optional NEMA1 kit provides 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
- STO function enhances system safety
- Supports both induction motors and permanent motors (IPM/SPM)



# Specifications

## Product Specifications

Single-phase  
115V

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
Input Voltage / Frequency		Single-phase AC, 100V~120V (-15% ~ + 10%), 50 / 60Hz				
Carrier Frequency (kHz)		2 ~ 15 (Default 4)				
Brake Chopper		Built-in				
Cooling Method		Natural air cooling		Fan cooling		
Size: W × H (mm)		68 × 128		87 × 157		
Size: D (mm)		78	107	136		

Single-phase  
230V

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
Input Voltage / Frequency		Single-phase AC, 200V~240V (-15% ~ + 10%), 50 / 60Hz						
Carrier Frequency (kHz)		2 ~ 15 (Default 4)						
Brake Chopper		Built-in						
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

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
Input Voltage / Frequency			Three-phase AC, 200V~240V (-15% ~ + 10%), 50 / 60Hz							
Carrier Frequency (kHz)			2 ~ 15 (Default 4)							
Brake Chopper			Built-in							
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

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
Input Voltage / Frequency			Three-phase AC, 380V~480V (-15% ~ + 10%), 50 / 60Hz						
Carrier Frequency (kHz)			2 ~ 15 (Default 4)						
Brake Chopper			Built-in						
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 (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	During acceleration, deceleration and running independently
Certifications		UL, CE, RoHS, RCM, TUV, REACH, KC

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

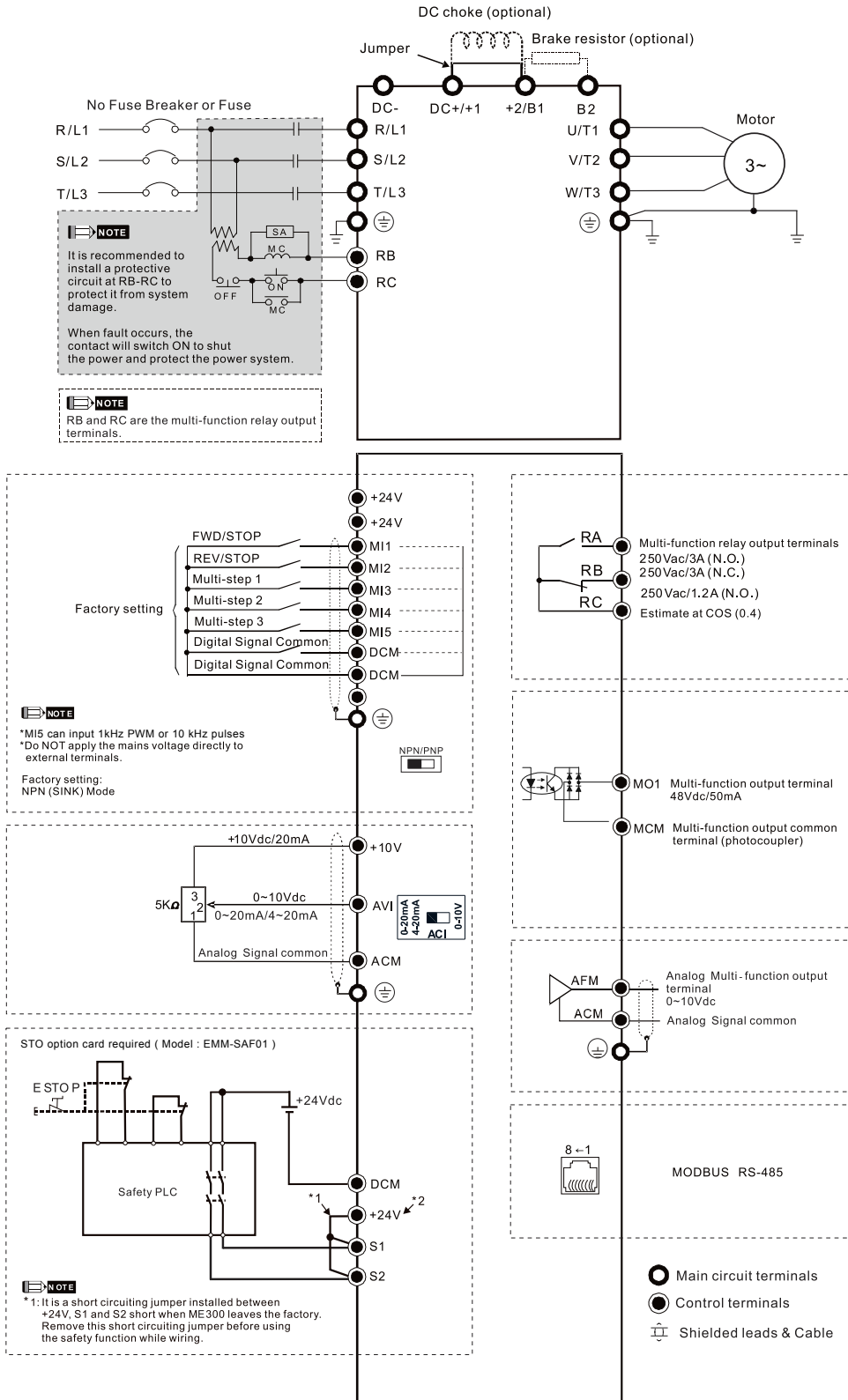
## Operating Environment

Operating Environment	Installation Location	IEC60364-1/IEC60664-1 Pollution degree 2, Indoor use only		
	Ambient Temperature	Operation	IP20/UL Open Type	-20 ~ 50 °C -20 ~ 60 °C (derating required)
			NEMA 1/UL Type 1	-20 ~ 40 °C
		Storage	Zero stacking installation	-20 ~ 50 °C (derating required)
				-40 ~ 85 °C
	Transportation		-20 ~ 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

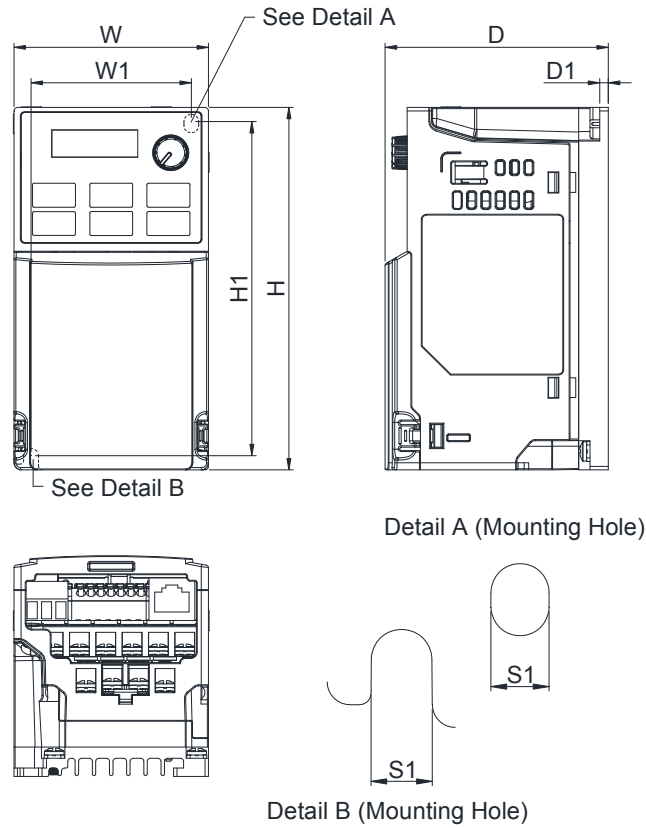
## Input: Single-phase / 3-phase power



# Specifications

## Dimensions

### Frame A

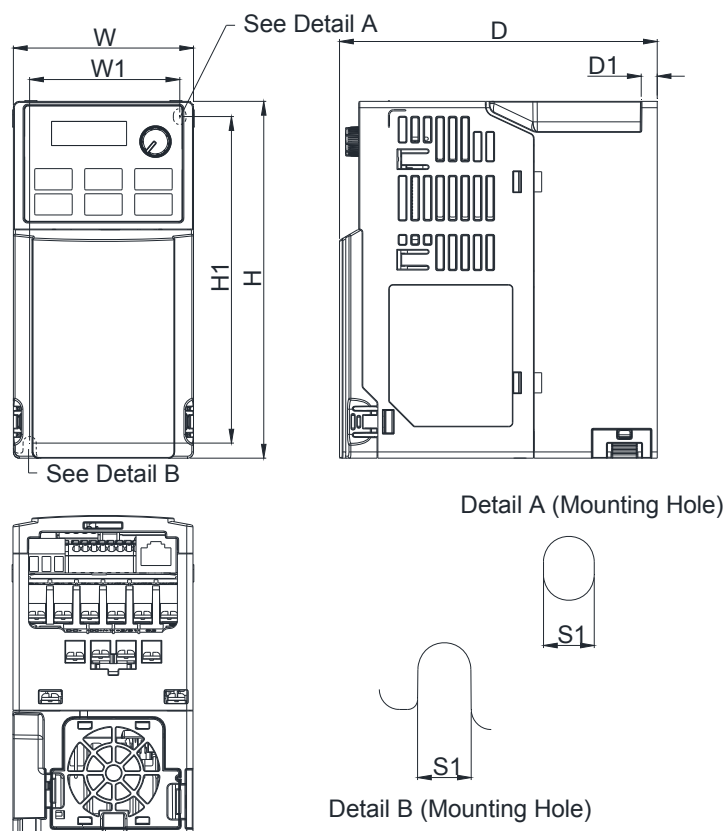


Model	Frame A1	Frame A2	Frame A3	Frame A4	Frame A5	Frame A6
VFD0A8ME11ANNA	VFD2A8ME23ANNA	VFD2A5ME11ANNA	VFD1A5ME43ANNA	VFD4A8ME23ANNA	VFD2A7ME43ANNA	
VFD0A8ME11ANS	VFD2A8ME23ANS	VFD2A5ME11ANS	VFD1A5ME43ANS	VFD4A8ME23ANS	VFD2A7ME43ANS	
VFD0A8ME21ANNA		VFD2A8ME21ANNA				
VFD0A8ME21ANS		VFD2A8ME21ANS				
VFD0A8ME23ANNA						
VFD0A8ME23ANS						
VFD1A6ME11ANNA						
VFD1A6ME11ANS						
VFD1A6ME21ANNA						
VFD1A6ME21ANS						
VFD1A6ME23ANNA						
VFD1A6ME23ANS						

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



## Frame B



### Model

#### Frame B1

VFD7A5ME23ANNA  
VFD7A5ME23ANSAA  
VFD4A2ME43ANNA  
VFD4A2ME43ANSAA

#### Frame B2

VFD4A8ME21ANNA  
VFD4A8ME21ANSAA

#### Frame B3

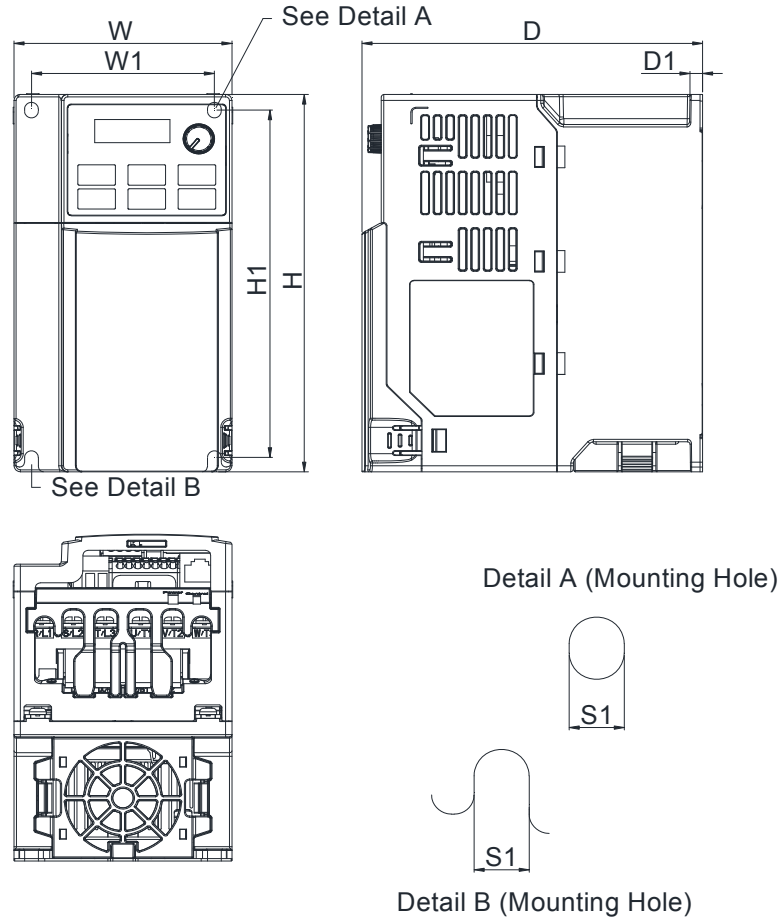
VFD0A8ME21AFNA  
VFD1A6ME21AFNA  
VFD2A8ME21AFNA  
VFD4A8ME21AFNA  
VFD1A5ME43AFNA  
VFD2A7ME43AFNA  
VFD4A2ME43AFNA

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

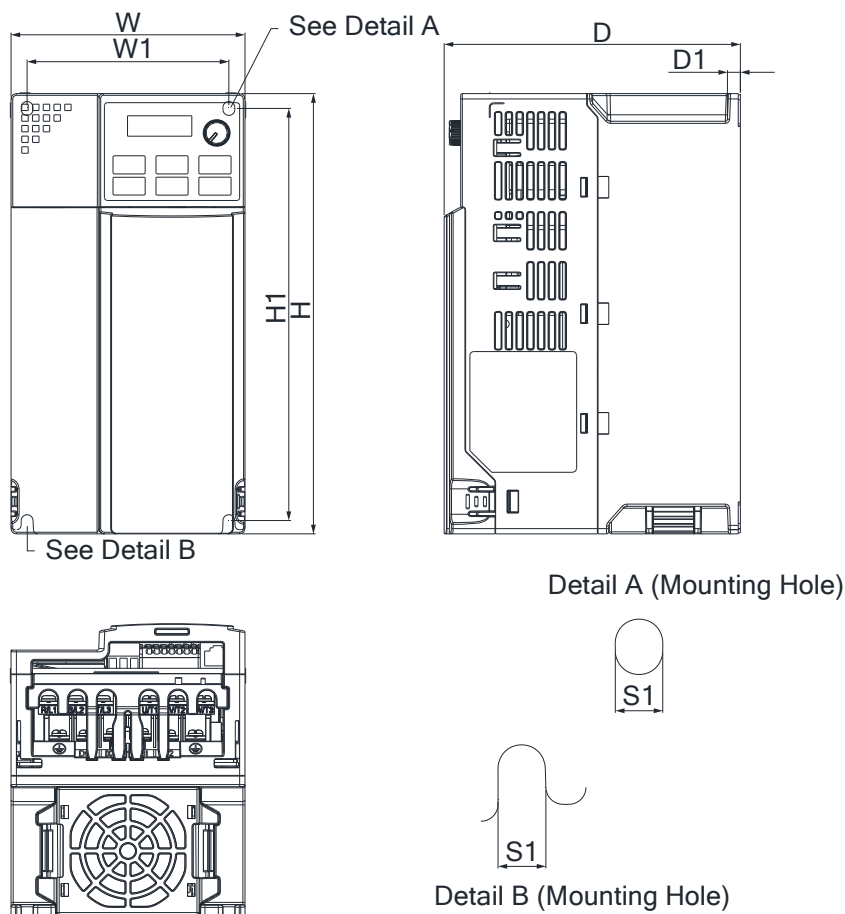
### Frame C



Model	Frame C1	Frame C2
VFD4A8ME11ANNAA	VFD7A5ME21AFNAA	
VFD4A8ME11ANSAA	VFD11AME21AFNAA	
VFD7A5ME21ANNAA	VFD5A5ME43AFNAA	
VFD7A5ME21ANSAA	VFD9A0ME43AFNAA	
VFD11AME21ANNAA		
VFD11AME21ANSAA		
VFD11AME23ANNAA		
VFD11AME23ANSAA		
VFD17AME23ANNAA		
VFD17AME23ANSAA		
VFD5A5ME43ANNAA		
VFD5A5ME43ANSAA		
VFD9A0ME43ANNAA		
VFD9A0ME43ANSAA		

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



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 : STO Model

**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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Smarter. Greener. Together.

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