

Compact Drive

Compact Drive MS300

Built-in PLC, Various Communication Protocols and Wide Power Range

- Overload capacity up to 150% / 60 secs and 200% / 3 secs for various constant torque loads
- Supports IM/IPM/SPM motors
- Supports Delta's MSI motors for an IE5 energy-efficient system (please refer to the product description of the motor series)
- High torque at low speed (up to 200% at 0.5Hz with vector control) for stable operation of heavy-duty equipment
- Integrated PLC function (2k steps)
- Highly safe and reliable with Safe Torque Off (STO) SIL2/PL d
- Built-in EMC filter^(optional)
- Pull-out keypad
- 24 V power supply card^(optional) for unexpected shutdowns
- USB charging on PC is available for parameter setting and update (no need for power supply from main circuit)
- Built-in Modbus and optional communication cards: CANopen, DeviceNet, EtherNet/IP, EtherCAT, PROFIBUS DP, Modbus TCP, and PROFITNET
- High-speed model up to 1,500Hz



Plate-Mount Design

- Customers can design their own cooling system, applicable to water/oil/air cooling and others
- It can be used for applications with large on-site flecking and easy to block cooling fans, or textile and vacuum pump equipment with independent cooling plates at the customer's site



SEMI F47* * Supports Finless Type

Power Range	0.2kW 0.25HP	0.4kW 0.5HP	0.75kW 1HP	1.5kW 2HP	2.2kW 3HP	3kW 4HP	3.7kW 5HP	5.5kW 7.5HP	7.5kW 10HP	11kW 15HP	15kW 20HP	18.5kW 25HP	22kW 30HP
MS300	115V/1-phase												
	Standard 230V/1-phase												
	0~599Hz 230V/3-phase												
	460V/3-phase												
	High-speed 230V/1-phase												
	0~1,500Hz 230V/3-phase												
Plate-mount	0~1,500Hz 460V/3-phase												
	0~599Hz 460V/3-phase												

Applications

Machine tools, Air compressors, Textiles machines, Woodworking machines, Packaging machines, Electronics, Fans and pumps