

MD200 AC Drive

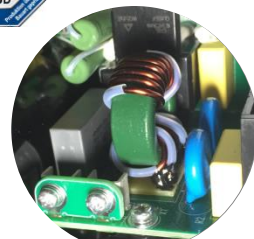
Open Loop General Purpose & Economic

Features & Functions

- Open loop V/F control
- Starting torque of 150% at 3Hz
- Modbus or CANLink comms
- Automatic torque boost
- Slip compensation
- Simplified parameter for easy start up
- 2-Independent S-Ramps
- Flexible programmable I/O connection
- Variable DC-injection braking
- Comprehensive trip diagnostics
- Output frequency 500Hz
- In-Built Dynamic braking unit

NEW

Wide operating voltage
 Single Phase 220Vac
 170 to 264Vac
 0.4 ~2.2kW



NEW

Internal EMC Filter

Complies with EN61800-3
 Category C2
 2nd Environment

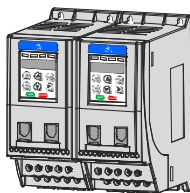
Operation in high
 ambient temperature
 45°C_{avg}

Enhanced reliability
 protection against
 humidity and pollution
 dust

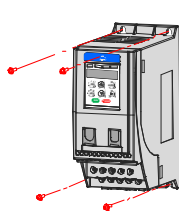


NEW

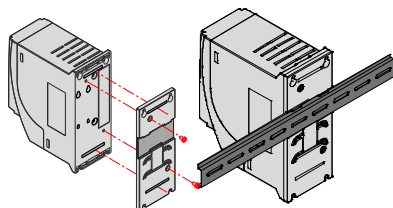
Flexible Installation Mode



Side-by-Side



Wall Mounted

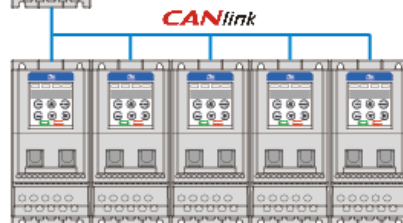


DIN Rail Mounted

Onboard Comms
 Modbus / CANLink



CANlink speed sync.



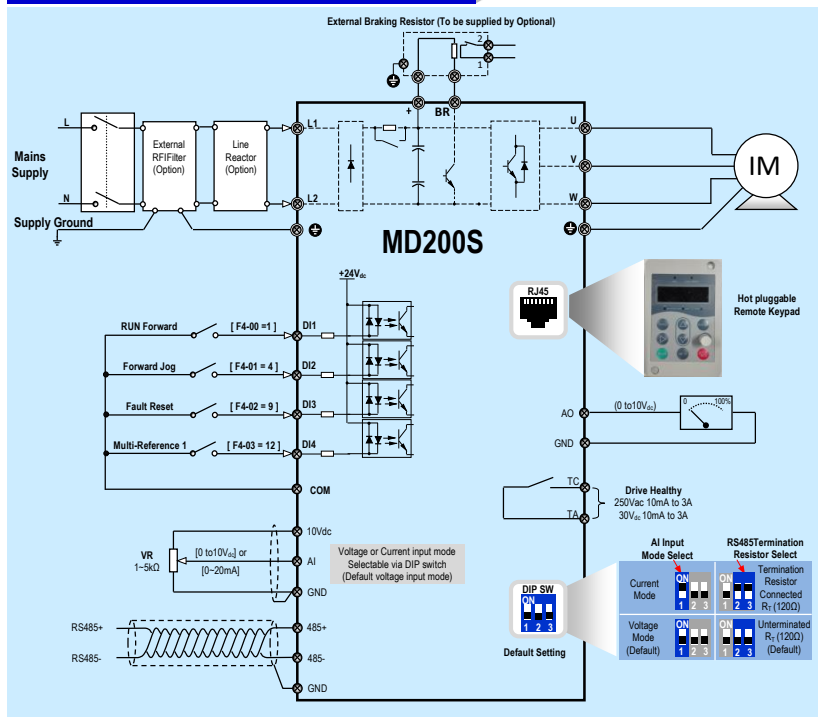
General Specifications

Voltage class			Single Phase 220Vac				Three Phase400Vac(Under development)			
Drive Model: MD200xxxxB-INT			S0.4B	S0.75B	S1.5B	S2.2B	T0.75B	T1.5B	T2.2B	T3.7B
Dimension		Height Width Depth	[H1] : 180 mm [W] : 75 mm [D] : 145 mm				[H1] : 180 mm [W] : 75 mm [D] : 145 mm			
Drive Input	Rated Input Voltage		Single Phase 200Vac to 240Vac, -15% to +10% (170Vac to 264Vac)				Three Phase 380 to 480V, -15% to +10% (323Vac to 528Vac)			
	Rated Input Current, [A]		6.5	11.0	18.0	27.0	3.4	5.0	5.5	11
	Power Capacity, [kVA]		1.7	3.0	4.8	7.1	1.7	3.0	4.8	7.1
	Rated input frequency		50/60 Hz, ±5% (47.5 to 63Hz)							
Drive Output	Applicable Motor	[kW]	0.4	0.75	1.5	2.2	0.75	1.5	2.2	3.7
		[HP]	0.5	1	2	3	1	2	3	5
	Output Current ,[A]*2		2.6	4.6	8	11	3.4	4.8	5.5	9.1
	Overload Capacity		150% for 60 Sec & 180% for 3 Sec							
	Max. output voltage		Three Phase 200Vac to 240Vac (Proportional to input voltage)				Three Phase 380Vac to 480Vac (Proportional to input voltage)			
	Max. output frequency		500 Hz							
Braking Resistor	Recommended Power, [W]		80	80	100	100	150	250	300	400
	Recommended Resistance, [Ω]		≥200	≥150	≥ 100	≥ 70	≥300	≥220	≥200	≥130
Enclosure			IP 20							

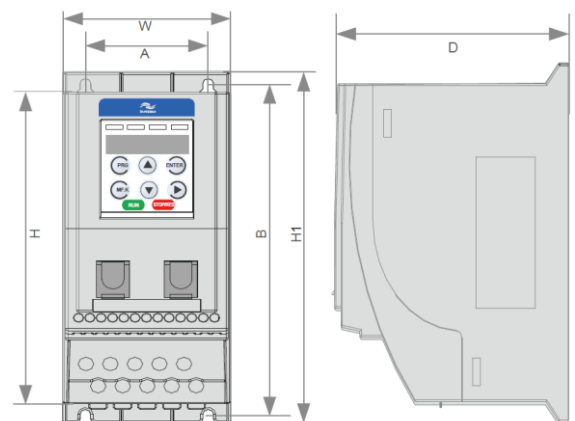
*2Carrier switching frequency 6kHz at rated output current

** All units are fan cooled

General Connection Diagram



Dimension



For more information, please contact our local offices.



Hong Kong SAR
Inova Automation Co., Limited
International Export Office
Tel : (852) 2751 6080
Fax : (852) 2751 6933
info@inova-automation.com
www.inova-automation.com

Italy - Milan
Inova Automation Italy Srl
Tel : (39) 02 2682 2318
info@inova-automation.com

India:
Inova Automation Pvt. Ltd.
Head Office Chennai
Tel : (91) 44 4380 0201
Ahmedabad Tel : (91) 79 4003 4274
Mumbai Tel : (91) 90 0496 0595
New Dehli Tel : (91) 99 9092 8961
info.inovaindia@inova-automation.com

Turkey - Istanbul
Inova Automation Türkiye
Tel : (90) 216 706 1789
info.turkey@inova-automation.com