

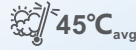
MD380L for Elevator

Open Loop Inverter Sensorless Technology

Elevator Application Features

- Smooth ride performance
- Integrated brake control
- Default factory setting user friendly factory, gets you started quickly.
- 4-Independent S-Ramps
- Programmable DC-injection braking

Operation in
high ambient
temperature



Wide
operating
voltage range
323 to 528Vac

Simplified
parameter
for easy
start up

Enhanced
reliability with
conformal coating,
protection against
humidity and
pollution dust

PC-Based
Software
simplified
start up &
backup

Inverter Key Features

- Simplified parameter for easy start up
- Comprehensive trip diagnostics
- Automatic torque boost
- Slip compensation
- Flexible programmable I/O connection
- Output frequency 100Hz
- In-Built Dynamic braking unit

WARNING

- Risk of electric shock
- Wait 10 mins power down before removing cover
- Read the manual and follow the safety instructions before use

Cooling fan removable
for easy maintenance



Inovance

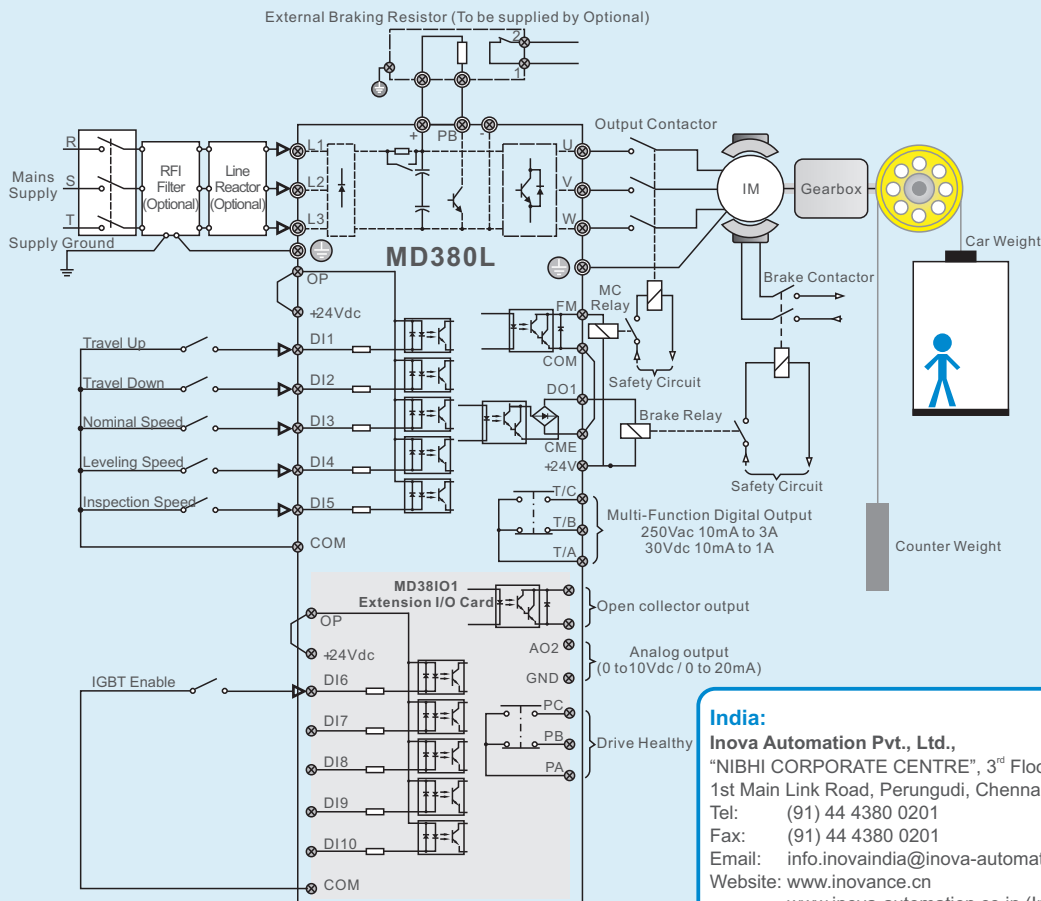
General Specifications

Voltage Class		220Vac				380/400/415Vac					
Drive Model		MD380L-2T2.2GB	MD380L-2T3.7GB	MD380L-2T5.5GB	MD380L-2T7.5GB	MD380L-T3.7GB	MD380L-T5.5GB	MD380L-T7.5GB	MD380L-T11GB	MD380L-T15GB	
Dimension	Height	[H] : 248 mm				[H] : 322 mm					
	Width	[W] : 160 mm				[W] : 208 mm					
	Depth	[D] : 183 mm				[D] : 192 mm					
Drive Input	Rated Input Voltage	Three-phase 200Vac to 240Vac, -15% to +10% (170Vac to 264Vac)				Three-phase 380Vac to 480Vac, -15% to +10% (323Vac to 500Vac)					
	Rated Input Current, [A]	10.5	14.6	26	35	10.5	14.6	20.5	26	35	
	Rated Input Frequency	50/60 Hz, ±5% (47.5 to 63Hz)									
Drive Output	Applicable Motor	[kW]	2.2	3.7	5.5	7.5	3.7	5.5	7.5	11	15
		[HP]	3	5	7.5	10	5	7.5	10	15	20
	Output Current, [A]*	9	13	25	32	9	13	17	25	32	
	Power Capacity, [kVA]	5.9	8.9	17	21	5.9	8.9	11	17	21	
	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	100Hz									
Braking Resistor	Recommended Power, [W]**	500	750	1200	1500	750	1200	1500	2500	3000	
	Recommended Resistance, [Ω]	≥ 65	≥ 45	≥ 22	≥ 16	≥ 130	≥ 90	≥ 65	≥ 43	≥ 32	
Enclosure		IP 21, fan cooled									

*Carrier switching frequency 4kHz at rated output current

**Accessories list on request (resistors, RFI filter, AC reactors, remote keypad, PC based software kit)

General Connection Diagram



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