

MD380L Series

Open loop AC elevator drive



Open loop AC elevator drive

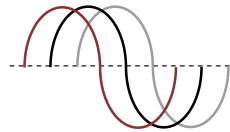
Application Features

- Smooth ride performance
- Integrated brake control
- UPS/ARD (sine & quasi square type) rescue light load direction sensing
- 5 independent S-Ramps
- Easy setup with default factory setting, gets you started quickly
- Programmable DC injection braking

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

Operation in high ambient temperatures  45°C_{avg}

Wide operating voltage range 323 to 528 Vac



Cooling fan removable for easy maintenance

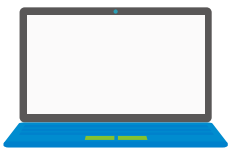


Optional: hot pluggable remote keypad

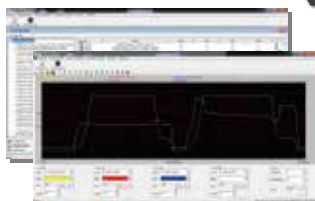


With/without memory

*1 PC-Tools software offers simplified start up & backup



*1 Compatible with Windows 7



3.7 kW~15 kW

Drive Key Features

- Automatic torque boost
- Slip compensation
- Flexible programmable I/O's
- Onboard Modbus-RTU
- Comprehensive trip diagnostics
- Built-in dynamic braking unit
- Output frequency 0.00~100.00 Hz

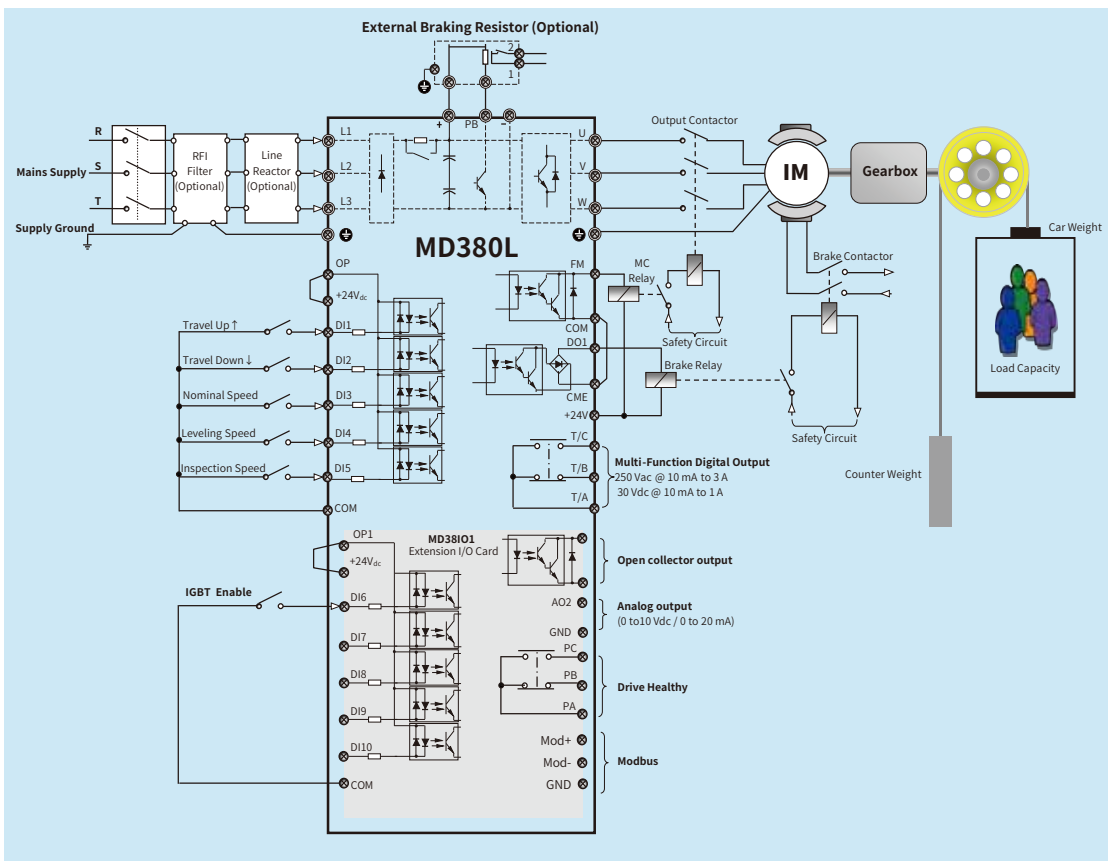


General Specifications

Drive Model			MD380L-T3.7GB	MD380L-T5.5GB	MD380L-T7.5GB	MD380L-T11GB	MD380L-T15GB
Dimensions	Height [mm]		248		322		
	Width [mm]		160		208		
	Depth [mm]		183		192		
Drive Input	Rated Input Voltage		3-phase 380 to 480 Vac, -15% to +10% (323 to 528 Vac)				
	Rated Input Current [A]		10.5	14.6	20.5	26	35
	Rated Input Frequency		50/60 Hz, ±5% (47.5 to 63 Hz)				
Drive Output	Applicable	[kW]	3.7	5.5	7.5	11	15
	Motor	[HP]	5	7.5	10	15	20
	Output Current [A]*2		9	13	17	25	32
	Power Capacity [kVA]		5.9	8.9	11	17	21
	Overload Capacity		150% for 60 Sec & 180% for 3 Sec				
	Max. Output Voltage		3-phase 380 to 480 Vac (Proportional to input voltage)				
	Max. Output Frequency		100.00 Hz				
Braking Resistor	Recommended Power [W]		750	1,200	1,500	2,500	3,000
	Recommended Resistance [Ω]		≥ 130	≥ 90	≥ 65	≥ 43	≥ 32
Enclosure			IP20				

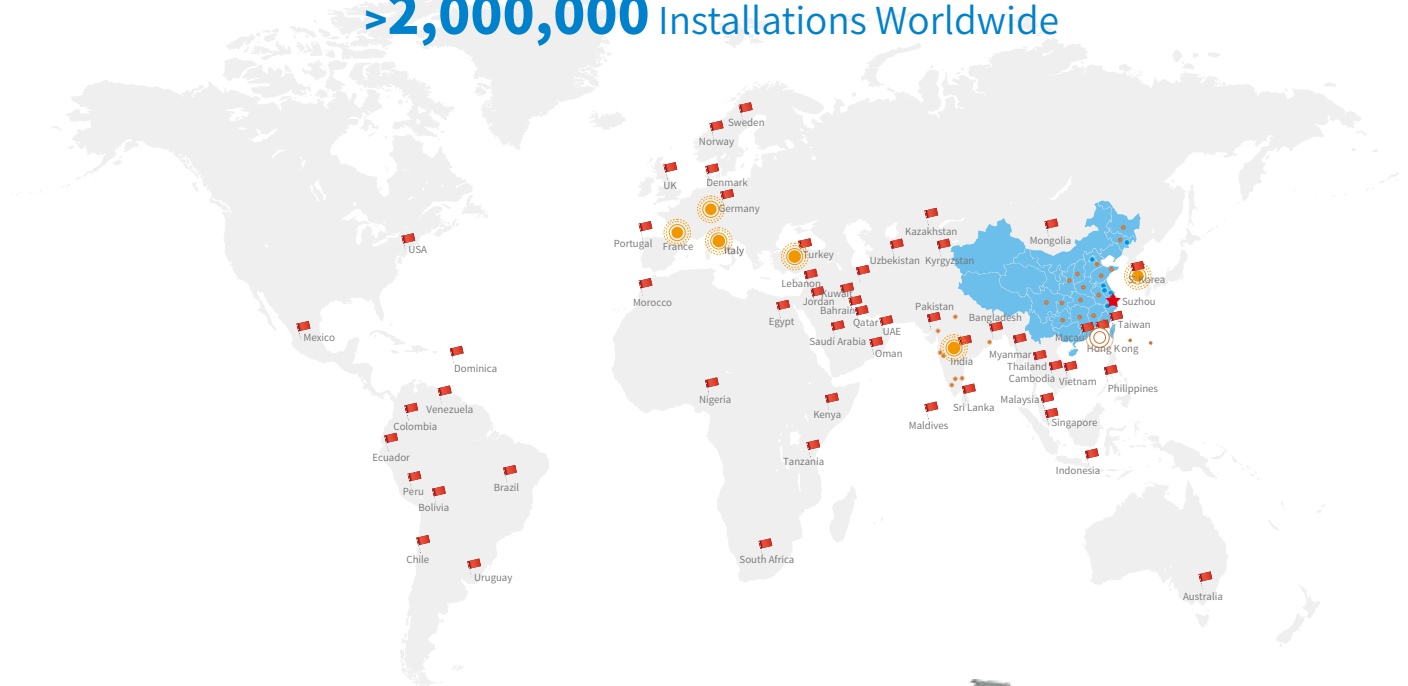
*2 Carrier switching frequency 4 kHz at rated output current
Please note: all units are fan cooled

General Connection Diagram



We Pioneered NICE Integrated Solutions for Elevators

>2,000,000 Installations Worldwide



INOVANCE

Forward, Always Progressing

International Offices

🌐 **Hong Kong SAR (export office)**
Tel: +852 2751 6080
info@inova-automation.com

🌐 **South Korea-Seoul**
Tel: +82 (0) 10 7428 5732
info@inova-automation.com

🌐 **India**
Head Office Chennai
Tel: +91 (0) 44 4380 0201
Ahmedabad
Tel: +91 (0) 79 4003 4274
Mumbai Tel: +91 (0) 22 4971 5883
Delhi Tel: +91 (0) 11 4165 4524
Sales Network in Kolkata, Bengaluru,
Coimbatore, Hyderabad, Pune
info.inovaindia@inova-automation.com

🌐 **Germany-Stuttgart**
Tel: +49 (0) 7144 8990
sales@powerautomation.com
www.powerautomation.com

🌐 **Italy-Milano**
Tel: +39 (0) 2268 22318
info@inova-automation.it

🌐 **France-Bordeaux**
Tel: +33 (0) 5594 01050
pa.france@powerautomation.com

🌐 **Turkey-Istanbul**
Tel: +90 (0) 21 6706 1789
info.turkey@inova-automation.com

Inovance Technology Companies

Shenzhen Inovance Technology Co. Ltd.
Suzhou Inovance Technology Co. Ltd.
Suzhou Monarch Control Technology Co. Ltd.
Shanghai BST Electric Co. Ltd.

For other country distributors, contact the Hong Kong export office.