

SLC Slim Line Series - Integrated Solution

For EN81-20/50 MRL elevators - serial technology

Contactorless (STO) **SIL3**

Safety Integrity Level



Features Highlights

- Automatic Rescue Device onboard (with battery charger)
- Automatic double door simultaneous control mode
- Duplex onboard group control (CANbus serial communication)
- Inbuilt arrival annunciator (synthesized voice)
- Dual stage brake power supply



Integrated solution for elevators up to 1.75m/s

Application Features

- Supports PM gearless machines
- Audible noise level ≤ 55 dB(A)
- Smooth ride performance
- "Direct To Floor" technology
- Standard 16 floors, full collective (full serial connection)
- Rapid commissioning step through sequence
- Anti-rollback without any external load cell (gearless machines)
- Static auto tuning for asynchronous and synchronous machines (without brake opening)
- Flexible programmable I/O's
- Comprehensive trip diagnostics

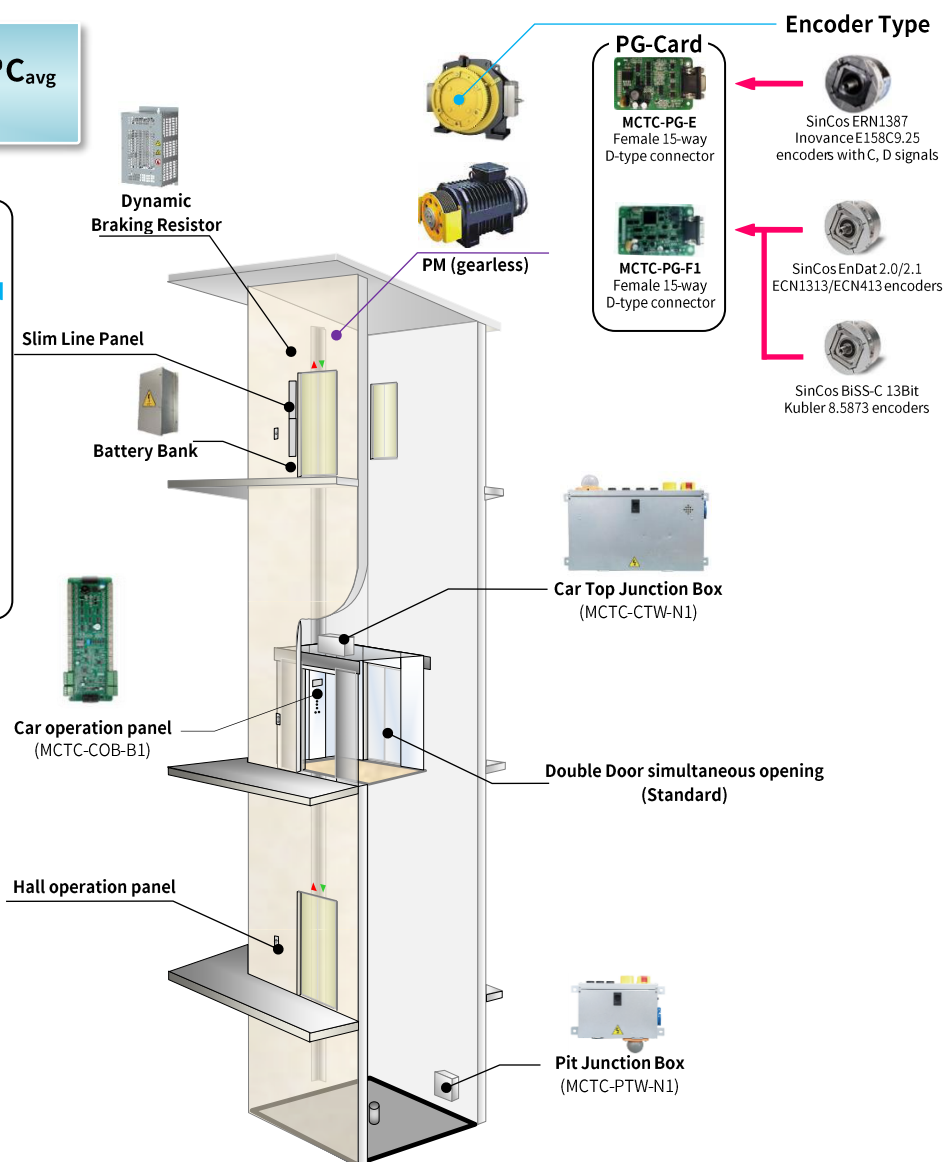
Enhanced reliability with conformal coating, protects against humidity and dust pollution

Operation in high ambient temperatures $45^{\circ}\text{C}_{\text{avg}}$

Contactorless SIL3
EN81-20/50
Safety Certified

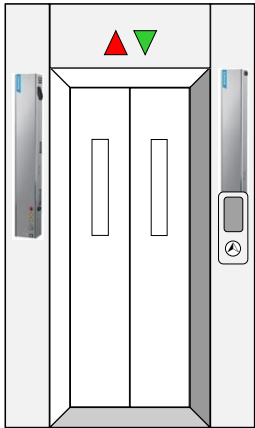


Cert: NL21-400-1002-209-09

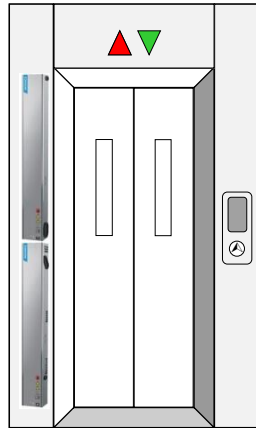


Installation Orientation & Dimension

[1] Conceal within door frame

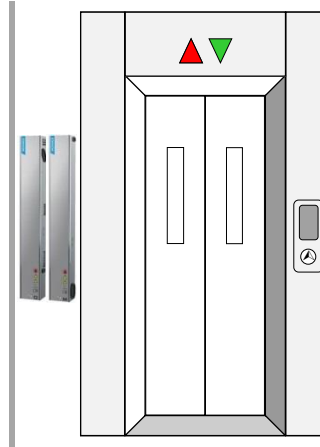


(1a) Split
'D' Panel Left side, 'M' Panel Right side

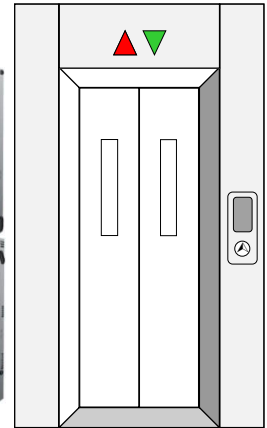


(1b) Cascading
'M' Panel Top, 'D' Panel Bottom

[2] Conceal/Wall mounting

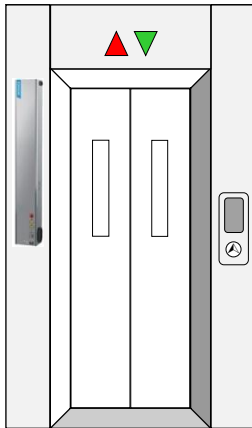


(2a) Side by Side
'D' Panel Left side, 'M' Panel Right side



(2b) Cascading
'M' Panel Top, 'D' Panel Bottom

[3] Split system



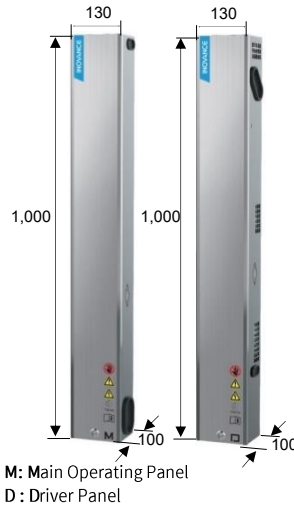
(3) Split system
'M' Panel within door frame



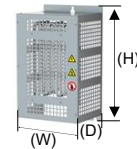
'D' Panel install inside lift shaft

Dimension

SLC-2S2 (1Ø220Vac) @ 2.2kW
SLC-4T5 (3Ø380Vac) @ 5.5kW



Dynamic Braking Resistor (Option supply)



483 (H) x 200 (W) x 100 (D)

For SLC-2S2 (1Ø220Vac) @ 2.2kW

- MCTC-DBR2002-3M
- DBR 39Ω @ 1,100W
- Complete with 3m fire resistant cable suitable for installation in lift shaft

For SLC-4T5 (3Ø380Vac) @ 5.5kW

- MCTC-DBR4005-3M
- DBR 100Ω @ 1,600W
- Complete with 3m fire resistant cable suitable for installation in lift shaft

Series	Model	Voltage Class	Rated Power	Output Current	Gross Weight	Recommended DBR
Slim Line Compliance	SLC-2S2	1Ø220Vac	2.2kW	10A	M: 8kg, D: 13kg	39Ω @ 1,100W
	SLC-4T5	3Ø380~480Vac	5.5kW	13A	M: 9kg, D: 15kg	100Ω @ 1,600W

Accessories



LED remote keypad MDKE6 (with memory)

- Hardware configuration** :
- 5 digit high brightness LED display
 - hot pluggable with memory for parameter upload/download



MCTC-HCB-G1-INT-VX (red)

- Dimensions [L x W x D], (mm)** :
- Function configuration** :
- 16 x 24 high contrast dot-matrix LED display
 - buzzer audible adjustable range: 35~65 dBA
 - 1 audible beep for UP
 - 2 audible beeps for DOWN
 - direction indicator ≥ 40 mm character height 52 mm
 - Scrolling arrow & characters
 - Hall call input/output
 - Fire emergency & Elevator lock input
 - Hall lantern output
 - Text display



MCTC-HCB-D634

- White LED backlit segment display

136 x 72 x 6



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