

Elevator overload watching system

OMS-710/720/730

Elevator overload watching system

Product Characteristics

- Integrated structural design
- Based on Hall induction principle
- Detect displacement changes, effective sensing distance 2–9mm

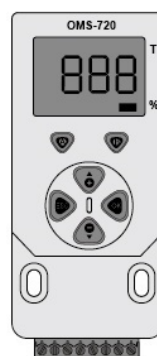
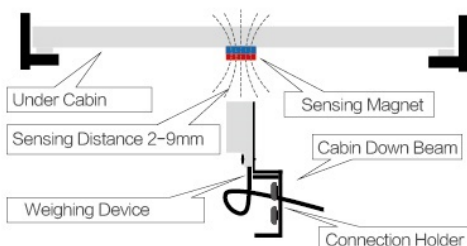


Product Function

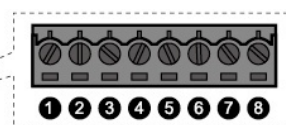
- Multi button operation, quick and easy debugging
- Green, high-efficiency, low energy power supply
- Durable and reliable
- Compact and compact structure, economical, simple and easy to operate
- Suitable for installation on the movable car bottom of passenger elevators and other installation methods
- 3 sets of relay outputs (light load, heavy load, overload)
- Linear voltage analog output: -10~+10V (* Optional)
- Constant current analog output: 4~20mA (* Optional)

Model	OMS-710	OMS-720	OMS-730
Operating voltage	AC/DC 16~48V		
Nominal power	≤4W		
Relay number	4 (Overload,Full loa,Half load,Empty load)		
Contact load	1A 125VAC / 2A 30VDC、5A 250VAC / 5A 30VDC		
Display type	4 digits 0.36 inch LED		
Display mode	Weight/Percentage		
Key number	6		
Sensing object	Magnetism object		
Sensing distance	-10~+10V、0~+10V		
Voltage analog	4~20mA		
Current analog	2~9mm		
Signal hold voltage	AC/DC 10~45V		
Operating temperature	-20~+60℃		
Size	80 × 43 × 54mm		
Weight	240g		

Installation Diagram



	OMS-710	OMS-720	OMS-730
① ②	zero load output	zero load output	zero load output
① ③	Heavy load output	Heavy load output	Heavy load output
① ④	Overload output	Overload output	Overload output
⑤ ⑥	Output signal hold	Voltage analog output (0~+10V)(-10~+10V)	Current analog output (4~20mA)
⑦ ⑧	power supply	power supply	power supply



The marked side of the induction magnet should be facing the induction point of the main controller; This magnet is a specially made rare earth magnet with strong magnetism, and care must be taken during installation; At all times, avoid approaching high temperatures above 100 °C to avoid demagnetization and reduce the accuracy of weighing.