

SIDOOR ATD400V relay Control device for Elevator doors, vertical, up to 400 kg door weight, 36VDC, 1*RS485, 4*DI, 3*Relay, 1*24VDC Out, -20+ 50 °C



Figure similar

General information

Product type designation	ATD400V RELAY
Manufacturer's article no. of the usable motor	6FB1103-0AT10-3MC0, 6FB1103-0AT11-3MC0, 6FB1103-0AT10-3MD0, 6FB1103-0AT11-3MD0
Manufacturer's article no. of the usable power supply unit	6FB1112-0AT20-3PS0

Supply voltage

Design of the power supply	Via SIDOOR NT40
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Encoder supply

Output voltage (DC)	24 V
short-circuit proof	Yes

Power

Active power input	80 W
Active power input, max.	540 W
Active power input (standby mode)	5 W

Digital inputs

Control inputs isolated	Yes
Control inputs p-switching	Yes
Digital outputs	
Relay outputs	
Switching capacity of contacts	
— at 50 V DC, min.	0.01 A; Switching voltage 50 V DC
— at 50 V DC, max.	1 A; Switching voltage 50 V DC
— at 230 V AC, min.	0.01 A
— at 230 V AC, max.	1 A
Mechanical data	
Opening width of door, min.	0.3 m
Opening width of door, max.	5 m
Weight of door, max.	600 kg
Operating cycle frequency of door, max.	180 1/h
Counterforce, max.	80 N
Kinetic energy, max.	100 J
Counterweight	
• with SIDOOR M4 geared motor, max.	8 kg
• with SIDOOR M5 geared motor, max.	8 kg
Interfaces	
Interfaces/bus type	without
Isolation	
Overvoltage category	2
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
Certificate of suitability according to EN 81	Yes
CE mark	Yes
UL approval	No
EAC (formerly Gost-R)	Yes
TÜV Inspectorate approval	Yes
TÜV prototype tested	Yes
China RoHS compliance	Yes
Standard for EMC	EN 12015 / EN 12016
Standard for safety	EN 60950-1 / EN 81-20
Ambient conditions	
Ambient temperature during operation	
• min.	-20 °C
• max.	50 °C
Ambient temperature during storage/transportation	

- Storage, min. -40 °C
- Storage, max. 50 °C

Altitude during operation relating to sea level

- Installation altitude above sea level, max. 2 000 m

Relative humidity

- No condensation, min. 10 %
- No condensation, max. 93 %

Dimensions

Width	320 mm
Height	60 mm
Depth	80 mm

last modified: 06/22/2020