

SIDOOR AT12 Control device for elevator doors, horizontal, up to 120 kg Door weight, 230V AC, 1*RS485, 3*DI, 2*Relay 1*24VDC Out, 0-+50 °C



Figure similar

General information	
Product type designation	AT12
Manufacturer's article no. of the usable motor	6FB1103-0AT10-5MA0, 6FB1103-0AT11-5MA0
Supply voltage	
Design of the power supply	230 V AC
Line frequency	
<ul style="list-style-type: none"> permissible range, lower limit 	50 Hz
<ul style="list-style-type: none"> permissible range, upper limit 	60 Hz
Input current	
Current consumption, max.	10 A
I^2t , min.	30 A ² ·s
Operational current of fuse protection at input, min.	6 A
Operational current of fuse protection at input, max.	10 A
Encoder supply	
Output voltage (DC)	24 V
short-circuit proof	Yes

Overload-proof	Yes
Power	
Active power input	80 W
Active power input, max.	160 W
Active power input (standby mode)	3 W
Digital inputs	
Control inputs isolated	Yes
Control inputs p-switching	Yes
Digital outputs	
Relay outputs	
Switching capacity of contacts	
— at 30 V DC, min.	0.01 A
— at 30 V DC, max.	0.5 A
Mechanical data	
Opening width of door, min.	0.3 m
Opening width of door, max.	2.4 m
Weight of door, max.	120 kg
Operating cycle frequency of door, max.	180 1/h
Counterforce, max.	40 N
Kinetic energy, max.	15 J
Counterweight	
• with SIDOOR M2 geared motor, max.	4 kg
Interfaces	
Interfaces/bus type	CANopen, CiA standard 301, profile 417
Number of bus nodes	32
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. 0 °C
- max. 50 °C

Ambient temperature during storage/transportation

- Storage, min. -20 °C
- Storage, max. 85 °C

Dimensions

Width 260 mm

Height 45 mm

Depth 105 mm

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