

SIDOOR AT40 CAN Control device for Elevator doors, horizontal, up to 600 kg door weight, 36VDC, 1\*RS485, 1\*CAN, 4\*DI, 2\*Relay, 1\*24VDC Out-20-+50 °C



### General information

Product type designation	AT40 CAN
Manufacturer's article no. of the usable motor	6FB1103-0AT10-5MA0, 6FB1103-0AT11-5MA0, 6FB1103-0AT10-4MB0, 6FB1103-0AT11-4MB0, 6FB1103-0AT10-3MC0, 6FB1103-0AT11-3MC0, 6FB1103-0AT10-3MD0, 6FB1103-0AT11-3MD0
Manufacturer's article no. of the usable power supply unit	6FB1112-0AT20-2TR0, 6FB1112-0AT20-3PS0

### Supply voltage

Design of the power supply	via SIDOOR TRANSFORMER / NT40
----------------------------	-------------------------------

### Input current

Current consumption, max.	10 A
$I^2t$ , min.	30 A <sup>2</sup> ·s

### 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)	6 W
<b>Digital inputs</b>	
Control inputs isolated	Yes
Control inputs p-switching	Yes
<b>Digital outputs</b>	
<b>Relay outputs</b>	
Switching capacity of contacts	
— at 30 V DC, min.	0.01 A
— at 30 V DC, max.	0.5 A
<b>Mechanical data</b>	
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
<b>Counterweight</b>	
• with SIDOOR M2 geared motor, max.	4 kg
• with SIDOOR M3 geared motor, max.	6 kg
• with SIDOOR M4 geared motor, max.	8 kg
• with SIDOOR M5 geared motor, max.	8 kg
<b>Interfaces</b>	
Interfaces/bus type	CANopen, CiA standard 301, profile 417
Number of bus nodes	32
<b>Isolation</b>	
Overvoltage category	2
<b>Degree and class of protection</b>	
IP degree of protection	IP20
<b>Standards, approvals, certificates</b>	
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
<b>Ambient conditions</b>	
Ambient temperature during operation	

• min.	-20 °C
• max.	50 °C
<b>Ambient temperature during storage/transportation</b>	
• Storage, min.	-40 °C
• Storage, max.	50 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	2 000 m
<b>Relative humidity</b>	
• No condensation, min.	10 %
• No condensation, max.	93 %
<b>Dimensions</b>	
Width	320 mm
Height	60 mm
Depth	80 mm
<b>last modified:</b>	06/22/2020