

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



Figure similar

General information	
Product type designation	AT40 BASIC
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 <sup>2</sup> t, 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)	5 W

#### Digital inputs

Control inputs isolated	Yes
Control inputs p-switching	Yes

#### 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

<ul style="list-style-type: none"> <li>• with SIDOOR M2 geared motor, max.</li> </ul>	4 kg
<ul style="list-style-type: none"> <li>• with SIDOOR M3 geared motor, max.</li> </ul>	6 kg
<ul style="list-style-type: none"> <li>• with SIDOOR M4 geared motor, max.</li> </ul>	8 kg
<ul style="list-style-type: none"> <li>• with SIDOOR M5 geared motor, max.</li> </ul>	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	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	-20 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	50 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>• Storage, min.</li> </ul>	-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
-------	-------

<b>last modified:</b>	06/22/2020
-----------------------	------------