SIEMENS

Data sheet 6FB1112-0AT20-3PS0

SIDOOR NT40 Switched-mode power supply, Input voltage: 230V AC (+-15%), 50/60 Hz, Output voltage: 36VDC, IP54, incl. line cable with Safety plug (CEE 7/4) of the Length 2 m, incl. connecting cable to Control device of length 1.5 m, -20 to +55 °C



Figure similar

General information	
Product type designation	NT40
Installation type/mounting	
Mounting type	Four 5 mm screws
Supply voltage	
Rated value (AC)	230 V
relative symmetrical tolerance of the supply voltage	15 %
Line frequency	
● permissible range, lower limit	50 Hz
● permissible range, upper limit	60 Hz
Input current	
Current consumption for 2 s, max.	3.5 A
Rated value at 230 V AC	0.7 A
Operational current of fuse protection at input, min.	6 A
Operational current of fuse protection at input, max.	10 A
Tripping characteristic class of fuse protection at input	B
Output voltage	
Rated value (DC)	36 V; SELV
Relative symmetrical tolerance of the output voltage	3 %
Output current	
Current output (rated value)	2.5 A
Temporary overload current (for 2 s maximum)	15 A
Power	
Active power input, max.	100 W
Emitted active power, max.	100 W
Emitted active power (restricted to 2 s)	540 W
Efficiency at 230 V AC (with 100 W emitted active power)	90 %
Active apparent power, max.	650 V·A
Isolation	
Overvoltage category	2
Degree of pollution	2
Degree and class of protection	
IP degree of protection	IP54
Equipment protection class	I
Standards, approvals, certificates	
CE mark	Yes
EAC (formerly Gost-R)	Yes
TÜV Inspectorate approval	Yes

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China RoHS compliance	Yes
Standard for EMC	EMC Directive 2004/108/EC, EN 12015, EN 12016
Standard for safety	EN 61010-1 / EN 61010-2-201
Ambient conditions	
Ambient temperature during operation	
● min.	-20 °C
● max.	55 °C
● Remark	No direct exposure to the sun
Ambient temperature during storage/transportation	
● Storage, min.	-20 °C
● Storage, max.	70 °C
● Transportation, min.	-40 °C
● Transportation, max.	70 °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 %
Cables	
Cable length	
● Input side	2 m
● Output side	1.5 m
Connection method	
Design of electrical connection at input	SCHUKO connector DIN 49.441, CEE7/VII
Design of electrical connection at output	WAGO 721-103/026
Dimensions	
Width	270 mm
Height	55 mm
Depth	80 mm

Classifications

	Version	Classification
eClass	16	27-02-27-11
eClass	14	27-02-27-11
eClass	12	27-02-27-11
ETIM	10	EC002987
ETIM	9	EC002987
ETIM	8	EC002987
ETIM	7	EC002987
IDEA	4	4776
UNSPSC	15	39-12-15-52

Approvals / Certificates

General Product Approval

Declaration of Conformity

TUEV

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other

Confirmation

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