SIEMENS

Data sheet

6EP3333-6SC00-0AY0



LOGO!POWER/1AC/DC24V/4A/EX

LOGO!POWER EX 24 V / 4 A Stabilized power supply input: 100-240 V AC output: 24 V DC / 4 A

type of the power supply network1-phase AC or DCsupply voltage at AC100 V• minimum rated value100 V• maximum rated value240 V• initial value85 V• full-scale value264 Vinput voltage110 300 V• at DC110 300 Vdesign of input wide range inputYesovervoltage overload capability300 V AC for 1 soperating condition of the mains bufferingat Vin = 187 Vbuffering time for rated value of the output current in the event of power failure minimum40 msoperating condition of the mains bufferingat Vin = 187 Vline frequency50 Hz• 1 rated value60 Hzline frequency7 63 Hzinput voltage 120 V0.97 A• at rated input voltage 230 V0.97 Acurrent limitation of inrush current at 25 °C maximum11 AI2t value maximum2.5 A²·sfuse protection typeinternal
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fuse protection type internal
• in the feeder Recommended miniature circuit breaker: from 10 A characteristic B or from 6 A characteristic C
Output
voltage curve at output Controlled, isolated DC voltage
output voltage at DC rated value 24 V
output voltage
• at output 1 at DC rated value 24 V
relative overall tolerance of the voltage 3 %
relative control precision of the output voltage
• on slow fluctuation of input voltage 0.1 %
• on slow fluctuation of ohm loading 0.1 %
residual ripple
• maximum 200 mV
• typical 30 mV
voltage peak
• maximum 300 mV
• typical 50 mV

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standard	
 for emitted interference 	EN 55022 Class B
 for mains harmonics limitation 	EN 61000-3-2
 for interference immunity 	EN 61000-6-2
environmental conditions	
ambient temperature	
 during operation 	-25 +70 °C; with natural convection
 during transport 	-40 +85 °C
 during storage 	-40 +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation
Mechanics	
type of electrical connection	screw-type terminals
● at input	L, N: 1 screw terminal each for 0.5 2.5 mm2 single-core/finely stranded
at output	+, -: 1 screw terminal each for 0.5 2.5 mm ²
 for auxiliary contacts 	
width of the enclosure	72 mm
height of the enclosure	90 mm
depth of the enclosure	53 mm
required spacing	
• top	20 mm
bottom	20 mm
• left	0 mm
● right	0 mm
net weight	0.29 kg
product feature of the enclosure housing can be lined up	Yes
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15, direct mounting in different mounting positions
MTBF at 40 °C	2 391 480 h
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

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