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

Input	
type of the power supply network	1-phase AC or DC
supply voltage at AC	
 minimum rated value 	100 V
 maximum rated value 	240 V
initial value	85 V
full-scale value	264 V
input voltage	
• at DC	110 300 V
design of input wide range input	Yes
overvoltage overload capability	300 V AC for 1 s
operating condition of the mains buffering	at Vin = 187 V
buffering time for rated value of the output current in the event of power failure minimum	40 ms
operating condition of the mains buffering	at Vin = 187 V
line frequency	
1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 63 Hz
input current	
 at rated input voltage 120 V 	1.95 A
 at rated input voltage 230 V 	0.97 A
current limitation of inrush current at 25 °C maximum	31 A
I2t value maximum	2.5 A ² ·s
fuse protection type	internal
• in the feeder	Recommended miniature circuit breaker: from 10 A characteristic B or from 6 A characteristic C

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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EMC	Nippon Kaiji Kyokai (NK)	No
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standard

for emitted interference
for mains harmonics limitation
for interference immunity

EN 55022 Class B EN 61000-3-2 EN 61000-6-2

environmental conditions

ambient temperature

◆ during operation
 -25 ... +70 °C; with natural convection

during transport
 during storage
 -40 ... +85 °C
 -40 ... +85 °C

environmental category according to IEC 60721 Climate class 3K3, 5 ... 95% no condensation

Mechanics

type of electrical connection

• at input

at output

• for auxiliary contacts width of the enclosure height of the enclosure depth of the enclosure

required spacing

topbottom

leftright

net weight

product feature of the enclosure housing can be lined up

fastening method

MTBF at 40 °C other information

screw-type terminals

L, N: 1 screw terminal each for 0.5 ... 2.5 mm2 single-core/finely stranded

+, -: 1 screw terminal each for 0.5 ... 2.5 mm²

72 mm 90 mm 53 mm

20 mm 20 mm 0 mm 0 mm 0.29 kg

Yes

Snaps onto DIN rail EN 60715 35x7.5/15, direct mounting in different

mounting positions

2 391 480 h

Specifications at rated input voltage and ambient temperature +25 °C

(unless otherwise specified)

