

Power supply unit - EG 45-PS-230AC/24DC/250 - 2940618

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DIN rail power supply unit, secondary-switched, input 230 V AC, output 12-28 V DC/250 mA, pre-setting 24 V DC

The figure shows version EG 45-PS-120AC/ 24DC/250



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 080174
GTIN	4017918080174
Weight per Piece (excluding packing)	530.100 g
Custom tariff number	85044082
Country of origin	Germany

Technical data

Dimensions

Width	45 mm
Height	107 mm
Depth	77 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 60 °C

Input data

Nominal input voltage	230 V AC
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Power supply unit - EG 45-PS-230AC/24DC/250 - 2940618

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Input data

AC frequency range	50 Hz ... 60 Hz
Current consumption	approx. 60 mA
Nominal power consumption	approx. 12 VA
Mains buffering time	35 ms
Input fuse	0.4 A (slow-blow TR 5, internal, solderable)

Output data

Nominal output voltage	12 V DC $\pm 2\%$ (can be set up to 28 V DC. Default 24 V DC $\pm 4\%$)
Nominal output current (I_N)	250 mA
Residual ripple	< 100 mV _{PP}
Type of protection	Electronic disconnect at 1.3 x I_N
Protective circuit/component	Varistor

General

Net weight	539 g
Operating mode	100% operating factor
Test voltage input/output	4 kV AC
Degree of protection	IP20
Mounting position	On horizontal DIN rail
Assembly instructions	Can be aligned with spacing = 10 mm

Connection data, input

Connection method	COMBICON plug-in screw terminal block
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M3

Connection data, output

Connection method	COMBICON plug-in screw terminal block
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24

Power supply unit - EG 45-PS-230AC/24DC/250 - 2940618

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Connection data, output

Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M3

Standards and Regulations

Standards/regulations	prEN 50178
	DIN EN 50178/VDE 0160
	DIN VDE 0106-101
	DIN VDE 0551

Classifications

eCl@ss

eCl@ss 4.0	27040702
eCl@ss 4.1	27040702
eCl@ss 5.0	27049002
eCl@ss 5.1	27049002
eCl@ss 6.0	27049002
eCl@ss 7.0	27049002
eCl@ss 8.0	27049002
eCl@ss 9.0	27040701

ETIM

ETIM 2.0	EC001039
ETIM 3.0	EC001039
ETIM 4.0	EC000599
ETIM 5.0	EC002540
ETIM 6.0	EC002540

UNSPSC

UNSPSC 6.01	30211502
UNSPSC 7.0901	39121004
UNSPSC 11	39121004
UNSPSC 12.01	39121004
UNSPSC 13.2	39121004
UNSPSC 19.0	39121004

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Accessories

Accessories

Fuse

Fuse set - VF-SI/TR5/0,4AT - 2900997



Fuse set, number: 8 Pcs., fuse type: Fuse (TR5), nominal current: 0.4 A, tripping characteristic: slow-blow (T)