

IEG-PS-230AC/S0 - Solid-state relay module



2964665

<https://www.phoenixcontact.com/us/products/2964665>

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Power supply unit, for passive S0 meter interfaces, input: 230 V AC, output: S0

The figure shows the version ST-PS 4-100AC/S0

Commercial data

Item number	2964665
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	DK66M3
GTIN	4017918139193
Weight per piece (including packing)	101.18 g
Weight per piece (excluding packing)	101.18 g
Country of origin	DE

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Technical data

Input data

Input voltage	230 V AC \pm 10 %
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Output data

Nominal output voltage	max. 27 V DC (in acc. with DIN 43864)
Output current I_{\max}	27 mA (in acc. with DIN 43864)

Connection data

Input

Connection method	Screw connection
Conductor cross-section, rigid min.	0.2 mm ²
Conductor cross-section, rigid max.	4 mm ²
Conductor cross-section flexible min.	0.2 mm ²
Conductor cross-section flexible max.	4 mm ²
Conductor cross-section AWG min.	24
Conductor cross-section AWG max.	12
Stripping length	8 mm
Screw thread	M3

Output

Connection method	Screw connection
Conductor cross-section, rigid min.	0.2 mm ²
Conductor cross-section, rigid max.	4 mm ²
Conductor cross-section flexible min.	0.2 mm ²
Conductor cross-section flexible max.	4 mm ²
Conductor cross-section AWG min.	24
Conductor cross-section AWG max.	12
Stripping length	8 mm

Electrical properties

Rated insulation voltage	300 V (acc. to EN 50178)
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Product properties

Product type	Power supply
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Insulation characteristics

Overvoltage category	III, basic insulation (as per EN 50178)
Pollution degree	2 (in accordance with EN 50178)

Dimensions

Width	27 mm
Height	74 mm

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Depth	79 mm
Horizontal pitch	1.5 Div.

Mounting

Mounting type	DIN rail mounting
Mounting position	any

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C

Approvals

Conformity/Approvals

Conformance	CE-compliant
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EMC data

Electromagnetic compatibility	Conformance with EMC directive
Low Voltage Directive	Conformance with Low Voltage Directive
Noise immunity	EN 61000-6-2

Noise emission

Standards/regulations	EN 61000-6-4
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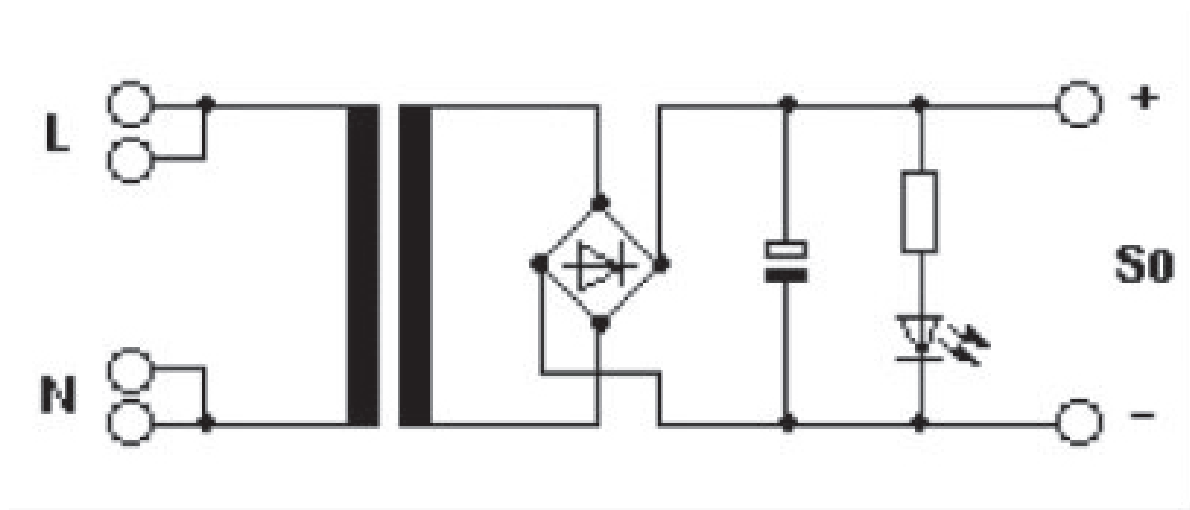
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Drawings

Circuit diagram



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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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