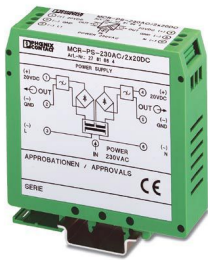


MCR-PS-230AC/2X20DC - Converter

2781864

<https://www.phoenixcontact.com/us/products/2781864>

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Power supply unit, with fixed-voltage regulator, input 230 V AC, output 2 x 20 V DC/2 x 25 mA

Commercial data

Item number	2781864
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	CMPL13
GTIN	4017918069230
Weight per piece (including packing)	295 g
Weight per piece (excluding packing)	295 g
Customs tariff number	85044082
Country of origin	DE

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Technical data

Input data

Input voltage	230 V AC +10 % -5 %
Voltage type of supply voltage	AC
AC frequency range	50 Hz ... 60 Hz
Current consumption	approx. 11 mA

Output data

Number of outputs	2
Nominal output voltage	20 V DC (per output)
Nominal output current (I_N)	25 mA (per output)
Residual ripple	< 50 mV _{PP} (at $U_N = 24$ V AC)

Connection data

Input

Connection method	Screw connection
Conductor cross-section, rigid min.	0.2 mm ²
Conductor cross-section, rigid 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

Output

Connection method	Screw connection
Conductor cross-section, rigid min.	0.2 mm ²
Conductor cross-section, rigid 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

Electrical properties

Number of phases	1
Test voltage output/output	4 kV AC
Test voltage input/output	2.5 kV AC

Product properties

Product type	Power supply
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Operating mode	100% operating factor
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Dimensions

Width	25 mm
Height	85.5 mm
Depth	79 mm
Horizontal pitch	1.4 Div.

Mounting

Assembly note	any
Mounting position	any

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards

Standards/regulations	IEC 664
	IEC 664 A
	DIN VDE 0110-1
	DIN VDE 0551

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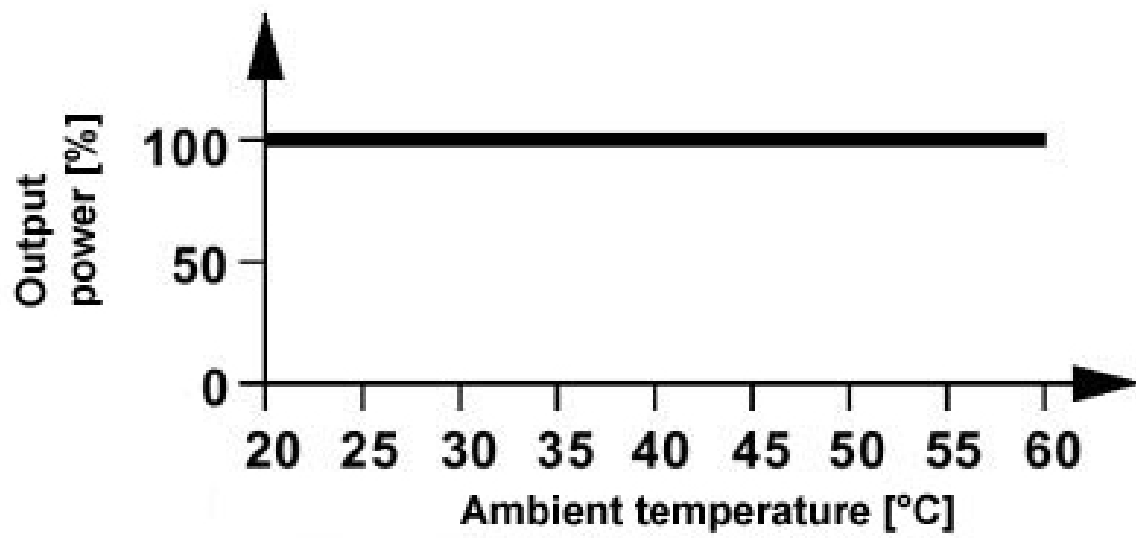


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Drawings

Diagram

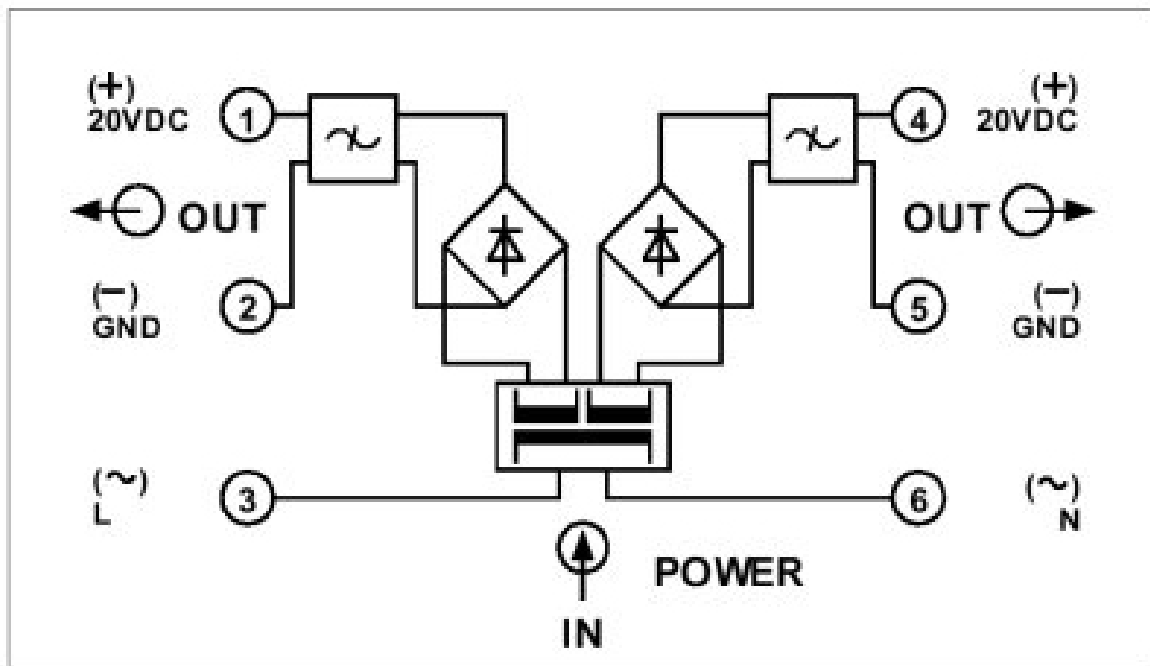


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Circuit diagram



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Environmental product compliance

EU REACH SVHC

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