

## Converter - MCR-PS- 24DC/24DC/200 - 2766821

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DC/DC converter, with electrical isolation, input 20 V - 30 V DC, output 24 V DC/200 mA



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 066871
GTIN	4017918066871
Weight per Piece (excluding packing)	129.800 g
Custom tariff number	85044082
Country of origin	Germany

### Technical data

#### Dimensions

Width	25 mm
Height	85.5 mm
Depth	79 mm

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Degree of pollution	2

#### Input data

Input voltage range	20 V DC ... 30 V DC
Current consumption	approx. 380 mA

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### Technical data

#### Input data

Nominal power consumption	approx. 7.6 W
Input fuse	0.5 A (normal blow, internal 5x20)
Type of protection	Reverse polarity protection

#### Output data

Nominal output voltage	24 V DC 5 %
Nominal output current ( $I_N$ )	200 mA
Residual ripple	$\leq 250$ mV <sub>PP</sub>
Type of protection	Current limitation at approx. 250 mA

#### General

Net weight	0.123 kg
Operating mode	100% operating factor
Test voltage input/output	500 V AC
Degree of protection	IP20
Mounting position	vertical
Assembly instructions	Can be aligned with spacing = 10 mm

#### Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M3

#### Connection data, output

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M3

<https://www.phoenixcontact.com/us/products/2766821>

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### Technical data

#### Standards and Regulations

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

### Classifications

#### eCl@ss

eCl@ss 4.0	27230209
eCl@ss 4.1	27230209
eCl@ss 5.0	27230209
eCl@ss 5.1	27230209
eCl@ss 6.0	27230209

#### ETIM

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

#### UNSPSC

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

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