

PSM-EG-RS232/RS232-P/4K - Interface converter



2761444

<https://www.phoenixcontact.com/pc/products/2761444>

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Interface converter, for the electrical isolation of two RS-232 interfaces, 4 channels, integrated DTE/DCE switch-over, DIN-rail mountable

Commercial data

Item number	2761444
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DNC112
GTIN	4017918064716
Weight per piece (including packing)	292.27 g
Weight per piece (excluding packing)	251.05 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Product properties

Product type	Interface converter
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Electrical properties

Electrical isolation	VCC // V.24 (RS-232) (A) // V.24 (RS-232) (B)
Maximum power dissipation for nominal condition	3.12 W
Test voltage data interface/power supply	2.5 kV
	2.5 kV AC
Test voltage data interfaces	2.5 kV AC

Supply

Nominal supply voltage	24 V DC ± 20 %
Typical current consumption	130 mA (24 V DC)

Connection data

Supply

Tightening torque	0.56 Nm ... 0.79 Nm
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Interfaces

Bit distortion	≤ 5 %
Bit delay	≤ 3 μ s
Signal	Modbus

Data

Transmission length	15 m (twisted pair)
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section AWG max.	14
Conductor cross section AWG min.	24

Dimensions

Width	45 mm
Height	75 mm
Depth	110 mm

Material specifications

Color (Housing)	green (RAL 6021)
Material Housing	ABS

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	0 °C ... 50 °C
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Approvals

EAC

Identification	EAC
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EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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Mounting

Mounting type	DIN rail mounting
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Classifications

UNSPSC

UNSPSC 21.0	43222604
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Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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