PSM-EG-RS232/TTY-P/2K - Interface converter

2761253

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The figure shows a variant of the V.24 (RS-232)/RS-422 converter

Interface converter, for converting RS-232 to TTY, two channels, with electrical isolation, DIN-rail mountable

Commercial data

Item number	2761253
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN05
Product key	DNC112
GTIN	4017918064624
Weight per piece (including packing)	299.733 g
Weight per piece (excluding packing)	257.68 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Product properties

Product type	Interface converter

Electrical properties

Electrical isolation	VCC // V.24 (RS-232) // TTY
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

Interfaces

Bit distortion	≤ 5 %
Bit delay	≤ 3 µs
Signal	Modbus

Data: V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1

Serial transmission speed	≤ 19.2 kbps
Connection method	D-SUB 9 plug
	Pluggable screw connection
Transmission length	≤ 15 m (twisted pair)
Conductor cross-section flexible max.	2.5 mm²
Conductor cross-section flexible min.	0.2 mm²
Conductor cross-section, rigid max.	2.5 mm²
Conductor cross-section, rigid min.	0.2 mm²
Conductor cross-section AWG max.	14
Conductor cross-section AWG min.	24

Data: TTY interface, CL2 in acc. with DIN 66348-1

Serial transmission speed	≤ 19.2 kbps
Connection method	D-SUB-9 female connector
	Pluggable screw connection
Transmission length	≤ 1000 m (twisted pair)
Conductor cross-section flexible max.	2.5 mm²
Conductor cross-section flexible min.	0.2 mm²

Conductor cross-section AWG max.	14
Conductor cross-section AWG min.	24
Load/output load current output	≤ 500 Ω

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

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 50 °C

EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU

Noise emission

Standards/regulations	EN 55022 / Class B

Mounting

Mounting type	DIN rail mounting

Classifications

UNSPSC

UNSPSC 21.0	43222604

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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