

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



2761253

<https://www.phoenixcontact.com/pc/products/2761253>

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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 |
| Minimum order quantity | 1 pc |
| 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 \pm 20 % |
| Typical current consumption | 130 mA (24 V DC) |

Connection data

Supply

| | |
|-------------------|---------------------|
| Tightening torque | 0.56 Nm ... 0.79 Nm |
|-------------------|---------------------|

Interfaces

| | |
|----------------|------------------|
| Bit distortion | \leq 5 % |
| Bit delay | \leq 3 μ s |
| Signal | Modbus |

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

| | |
|---------------------------------------|----------------------------|
| Serial transmission speed | \leq 19.2 kbps |
| Connection method | D-SUB 9 plug |
| | Pluggable screw connection |
| Transmission length | \leq 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, rigid max. | 2.5 mm ² |
| Conductor cross section, rigid min. | 0.2 mm ² |
| 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 | \leq 19.2 kbps |
| Connection method | D-SUB-9 female connector |
| | Pluggable screw connection |
| Transmission length | \leq 1000 m (twisted pair) |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |

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| | |
|----------------------------------|---------|
| 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

| | |
|------------------|-----|
| Material Housing | ABS |
|------------------|-----|

Environmental and real-life conditions

Ambient conditions

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

Approvals

EAC

| | |
|----------------|-----|
| Identification | EAC |
|----------------|-----|

EMC data

| | |
|-------------------------------|---|
| Electromagnetic compatibility | Conformance with EMC Directive 2014/30/EU |
| Noise emission | EN 55022 / Class B |

Mounting

| | |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 7.0 | EC000310 |
|----------|----------|

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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Accessories

PSM-KA9SUB9/BB/2METER - Data cable

2799474

<https://www.phoenixcontact.com/pc/products/2799474>

RS-232 cable, 9-pos. D-SUB socket on 9-pos. D-SUB socket, 9-wire, 1:1



ME-SAS - Shield connection clamp

2853899

<https://www.phoenixcontact.com/pc/products/2853899>

Shield connection clamp for terminal points starting from 2.5 mm²



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SZF 1-0,6X3,5 - Screwdriver

1204517

<https://www.phoenixcontact.com/pc/products/1204517>



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

SUBCON 9/M-SH - D-SUB bus connector

2761509

<https://www.phoenixcontact.com/pc/products/2761509>



D-SUB connector, 9-pos., male connector, one 35° cable entry, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

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PSM-ME-RS232/TTY-P - Interface converter

2744458

<https://www.phoenixcontact.com/pc/products/2744458>



Interface converter, for converting RS-232 (V.24) to TTY, with electrical isolation, 2 channels, rail-mountable

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