

# Interface converter - PSM-EG-RS232/TTY-P/2K - 2761253


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

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

## Key commercial data

Packing unit	1 pc
GTIN	 4 017918 064624
Weight per Piece (excluding packing)	257.68 g
Custom tariff number	85176200
Country of origin	Germany

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Dimensions

Width	45 mm
Height	75 mm
Depth	110 mm

### Ambient conditions

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

### General

Bit delay	≤ 3 μs
Bit distortion	≤ 5 %
Electrical isolation	VCC // V.24 (RS-232) // TTY
Test voltage data interfaces	2.5 kV AC
Test voltage data interface/power supply	2.5 kV AC
	2.5 kV

# Interface converter - PSM-EG-RS232/TTY-P/2K - 2761253

## Technical data

### General

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 55022 / Class B
Net weight	257.68 g
Housing material	ABS
Color	green

### Power supply

Nominal supply voltage	24 V DC $\pm$ 20 %
Typical current consumption	130 mA (24 V DC)

### Serial interface

Interface 1	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
Connection method	D-SUB-9 plug
	Pluggable screw connection
Transmission length	$\leq$ 15 m (twisted pair)
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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Serial transmission speed	$\leq$ 19.2 kbps
Interface 2	TTY interface, CL2 in acc. with DIN 66348-1
Operating mode	Active, semi active, passive
Connection method	D-SUB-9 female connector
	Pluggable screw connection
Transmission length	$\leq$ 1000 m (twisted pair)
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Load/output load current output	$\leq$ 500 $\Omega$
Serial transmission speed	$\leq$ 19.2 kbps

## Classifications

### eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312
eCl@ss 5.0	27242208
eCl@ss 5.1	27242208

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## Classifications

### eCl@ss

eCl@ss 6.0	27242208
eCl@ss 7.0	27242208

### ETIM

ETIM 2.0	EC000310
ETIM 3.0	EC000310
ETIM 4.0	EC000310
ETIM 5.0	EC000310

### UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43201553

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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### Approval details

EAC
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## Accessories

Accessories

Adapter cable

## Interface converter - PSM-EG-RS232/TTY-P/2K - 2761253

### Accessories

Data cable - PSM-KA 9 SUB 25/BB/2METER - 2761059



RS-232 cable, 9-pos. D-SUB socket 25-pos on D-SUB socket

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Data cable - PSM-KA9SUB9/BB/2METER - 2799474



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

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### Data plug

D-SUB bus connector - SUBCON 9/M-SH - 2761509



D-SUB connector, 9-pos., male connector, one cable entry < 35°, 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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### Interface converter

Interface converter - PSM-ME-RS232/TTY-P - 2744458



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

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### Mounting material

Components of electronic housing - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

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### Screwdriver tools

## Interface converter - PSM-EG-RS232/TTY-P/2K - 2761253

### Accessories

Screwdriver - SZF 1-0,6X3,5 - 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

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