

# Interface converter - PSM-EG-RS232/RS485-P/2D - 2761392

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Interface converter, for converting RS-232 to RS-485 2-wire, 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	
Weight per Piece (excluding packing)	293.6 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
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### General

Bit delay	≤ 3 µs
Bit distortion	≤ 5 %
Electrical isolation	VCC // V.24 (RS-232) // RS-485
Test voltage data interfaces	2.5 kV AC

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## Technical data

### General

Test voltage data interface/power supply	2.5 kV AC
	2.5 kV
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Net weight	293.6 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

Transmission length	15 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

## Classifications

### eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312
eCl@ss 5.0	27242208
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208

### ETIM

ETIM 2.0	EC000698
ETIM 3.0	EC000698
ETIM 4.0	EC001467
ETIM 5.0	EC001467

### UNSPSC

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

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## Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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Ex Approvals


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Approvals submitted


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## Approval details

UL Recognized 

cUL Recognized 

EAC

cULus Recognized 

## Accessories

Accessories

Adapter cable

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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### Accessories

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/RS485-P - 2744416



Interface converter, for converting RS-232 (V.24) to RS-422 (V.11) and RS-485, 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

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

