

PSM-ME-RS232/RS232-P

Order No.: 2744461




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2744461>

Interface converter, for the isolation of RS-232 (V.24) interfaces, 4 channels, rail-mountable



RS-232

Commercial data

GTIN (EAN)	 4 017918 188795
sales group	H610
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 486 (IF-2011)

Product notes

WEEE/RoHS-compliant since:
01/31/2007



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Serial interface

Interface 1	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
Transmission length	15 m (twisted pair)
Connection method	D-SUB-9 male connector

Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Serial transmission speed	115.2 kbps
Interface 2	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
Transmission length	15 m
Connection method	Pluggable screw connection
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14

Power supply

Nominal supply voltage	24 V AC/DC ±20 %
Typical current consumption	40 mA (24 V DC)

General data

Transmission channels	4 (2/2), RxD, TxD, RTS, CTS; full duplex
Bit delay	< 3 µs
Bit distortion	< 5 %
Width	22.5 mm
Height	99 mm
Depth	118.6 mm
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (no condensation)
Electrical isolation	(VCC // V.24 (RS-232) (A) // V.24 (RS-232) (B))
Test voltage data interfaces	2 kV AC
Test voltage data interface/power supply	2 kV AC
	2 kV
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 50 081-1
Noise immunity	EN 61000-6-2:2005
Net weight	110 g
Housing material	PA
Color	green

MTBF	2263 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
	438 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))
UL, USA / Canada	cUL 508 Recognized

Certificates / Approvals



Certification CUL, DNV, GOST, UL

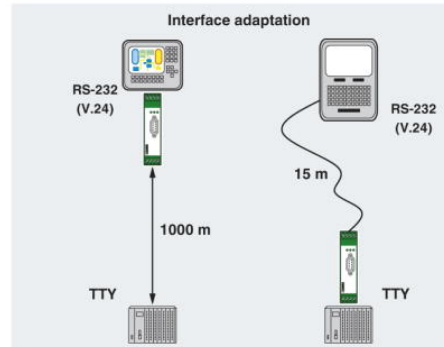
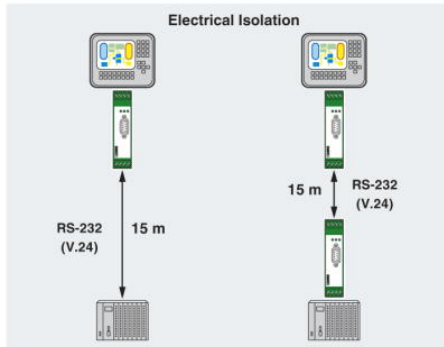
Certification Ex: CUL-EX, UL-EX

Accessories

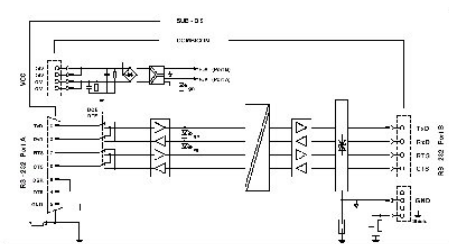
Item	Designation	Description
Assembly		
2853899	ME-SAS	Shield connection clamp for printed circuit terminal block
Cable/conductor		
2761059	PSM-KA 9 SUB 25/BB/2METER	RS-232 cable, 9-pos. D-SUB female connector 25-pos on D-SUB female connector
2799474	PSM-KA9SUB9/BB/2METER	RS-232 cable, 9-pos. D-SUB female connector on 9-pos. D-SUB female connector, 9-wire, 1:1
Tools		
1204517	SZF 1-0,6X3,5	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

Diagrams/Drawings

Application drawing



Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2011 Phoenix Contact
Technical modifications reserved;