

# PSM PTK - Connection distributor

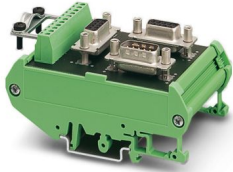


2760623

<https://www.phoenixcontact.com/us/products/2760623>

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Passive RS-485 T-distributor, fitted with one 9-pin D-SUB pin strip and two 9-pin D-SUB socket strips



## Commercial data

Item number	2760623
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN10
Product key	DNC551
GTIN	4017918064327
Weight per piece (including packing)	108 g
Weight per piece (excluding packing)	86.1 g
Customs tariff number	85366990
Country of origin	DE

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Adapter
Application	Standard
Pin assignment	all 1:1

### Electrical properties

Test voltage	500 V AC (50 Hz, 1 min, rms)
Nominal voltage $U_N$	60 V AC/DC
Nominal current $I_N$	1 A
Transmission medium	Copper

### Connection data

#### Incoming

Connection method	D-SUB 9 plug
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#### Outgoing

Connection method	D-SUB-9 female connector
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#### Branching

Connection method	D-SUB-9 female connector
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#### Branching

Connection method	COMBICON connectors
Conductor cross-section, rigid min.	0.14 mm <sup>2</sup>
Conductor cross-section, rigid max.	1.5 mm <sup>2</sup>
Conductor cross-section flexible min.	0.14 mm <sup>2</sup>
Conductor cross-section flexible max.	1.5 mm <sup>2</sup>
Conductor cross-section AWG min.	26
Conductor cross-section AWG max.	16

### Interfaces

Bus system	RS-485
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### Dimensions

Width	56 mm
Height	89.6 mm
Length	48 mm

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## Material specifications

Color (Housing)	green (RAL 6021)
Material (Housing)	PVC
Flammability rating according to UL 94	V0

## Cable/line

Shielding	D-SUB frame or shield clamp
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C

## Standards and regulations

Free from substances that could impair the application of coating	VDMA 24364:2018-05
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## Mounting

Mounting type	DIN rail mounting
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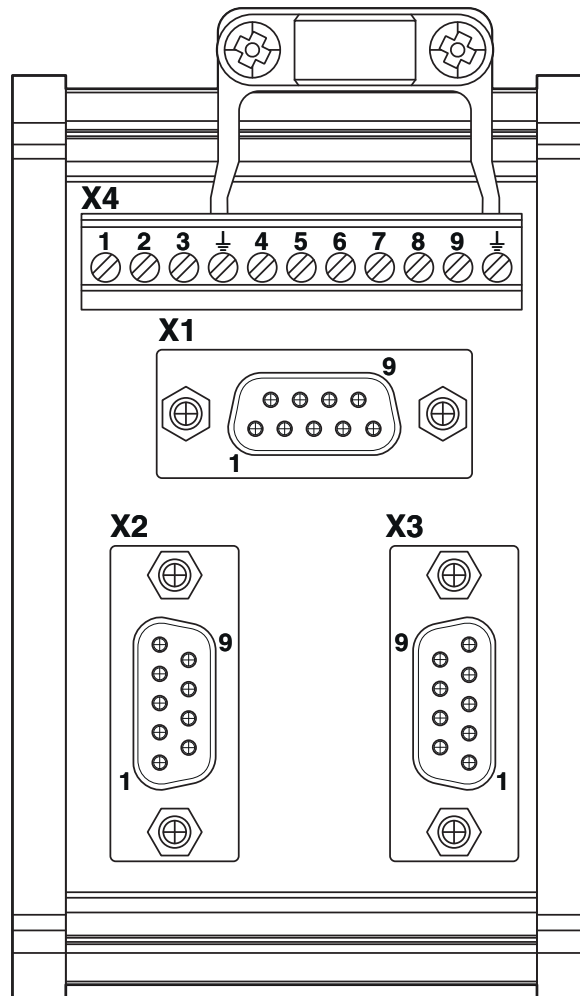
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## Drawings

Schematic diagram



Front view

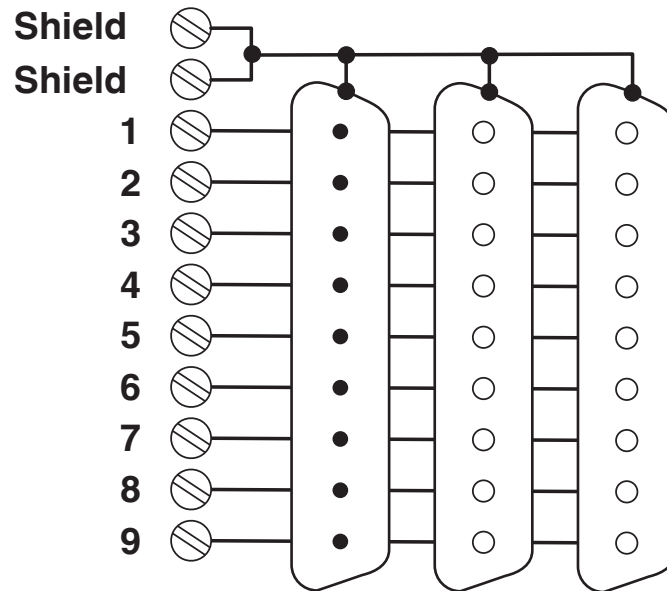
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Circuit diagram



Circuit diagram

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2760623>



**cUL Recognized**

Approval ID: E238705



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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 10.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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### EF3.1 Climate Change

CO2e kg	1.573 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)