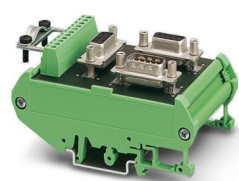


2760623

<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
Catalog page	Page 443 (C-6-2019)
GTIN	4017918064327
Weight per piece (including packing)	108.933 g
Weight per piece (excluding packing)	86.1 g
Customs tariff number	85366990
Country of origin	DE

## Technical data

### 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

### Material specifications

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

# PSM PTK - Connection distributor



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## 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	in accordance with VW-AUDI-Seat central standard P-VW 3.10.7 57 65 0
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# PSM PTK - Connection distributor

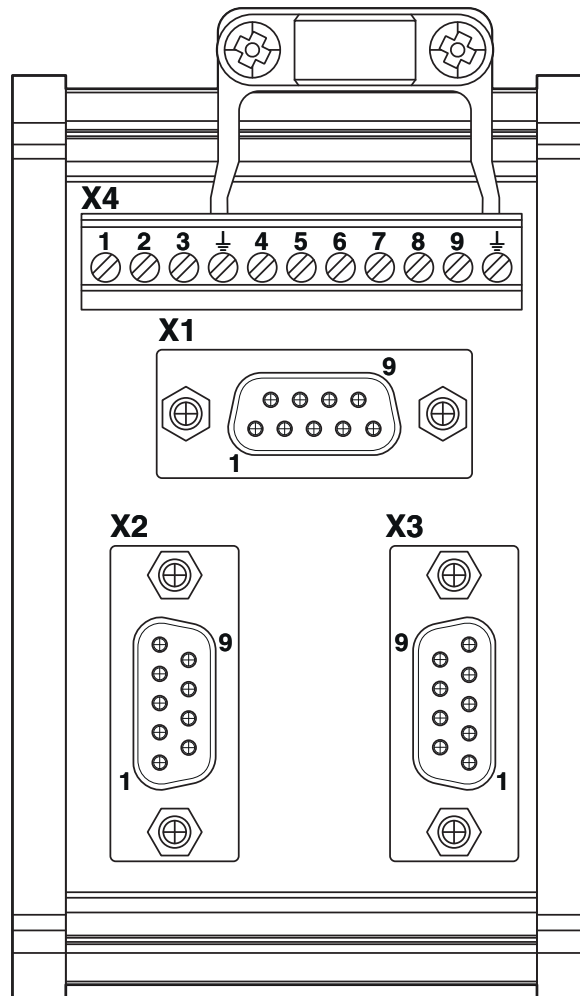
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## Drawings

Schematic diagram



Front view

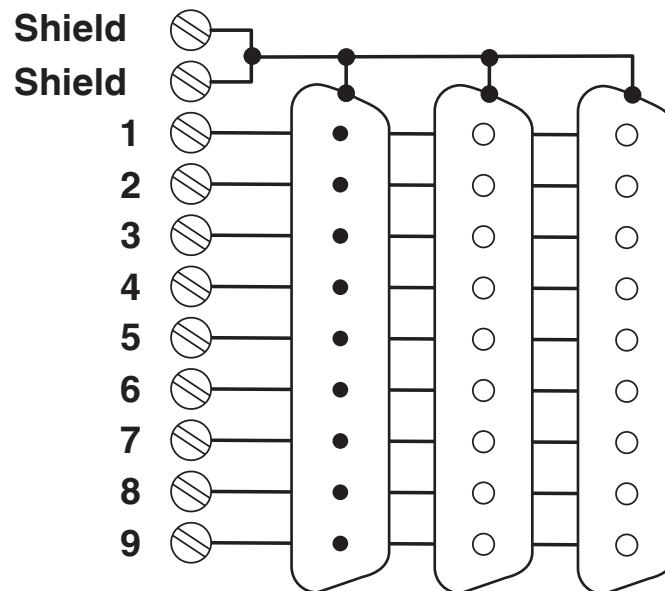
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Circuit diagram




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Approvals


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



**cUL Recognized**  
Approval ID: FILE E 238705



**UL Recognized**  
Approval ID: FILE E 238705



**EAC**  
Approval ID: RU C-DE.BL08.B.00511

**cULus Recognized**

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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	<div>EFUP-50</div> <div>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.</div>
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%



2760623

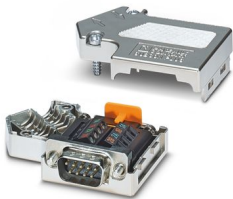
<https://www.phoenixcontact.com/us/products/2760623>

## Accessories

### SUBCON-PLUS-PROFIB/SC2 - D-SUB bus connector

2708232

<https://www.phoenixcontact.com/us/products/2708232>



D-SUB connector, 9-pos., male connector, 35° cable entry, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; screw connection terminal blocks

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### SUBCON-PLUS-PROFIB/90/SC - D-SUB bus connector

2313698

<https://www.phoenixcontact.com/us/products/2313698>



D-SUB connector, 9-pos., male connector, 90° cable entry, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; screw connection terminal blocks

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## SUBCON-PLUS-PROFIB/AX/SC - D-SUB bus connector

2744380

<https://www.phoenixcontact.com/us/products/2744380>



D-SUB connector, 9-pos., male connector, axial version with two cable entries, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; screw connection terminal blocks

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## SUBCON-PLUS 9/F - D-SUB bus connector

2744241

<https://www.phoenixcontact.com/us/products/2744241>



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

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## SUBCON-PLUS 9/M - D-SUB bus connector

2744018

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

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## SUBCON-PLUS-M/AX 9 - D-SUB bus connector

2904467

<https://www.phoenixcontact.com/us/products/2904467>



D-SUB plug, 9-pos., pin, axial design with two cable entries, 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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## SUBCON-PLUS-F/AX 9 - D-SUB bus connector

2311797

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D-SUB connector, 9-pos. female connector, axial version with two cable entries, 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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