

plug, female, 3-pole, type 4, grid size 3.50 mm, scope of supply: 10 plugs



General information	
Product type designation	Connector, female, 3-pole, type 4
Control elements	
Frame size/design	
<ul style="list-style-type: none"> <li>Standard</li> </ul>	Yes; 180° straight
Installation type/mounting	
Mounting	Tightening torque min.0.22 Nm to max. 0.25 Nm
Mounting type	Conductor cross-section 0.14 to 1.5 mm <sup>2</sup>
Wall mounting/direct mounting	Yes; can be plugged into SIMATIC HMI device
Supply voltage	
Rated value (DC)	24 V
Input current	
Current consumption (rated value)	9 A; Typical, maximum value
Interfaces	
HMI-side interface	
<ul style="list-style-type: none"> <li>Number of pins HMI-side</li> </ul>	3
Device-side interface	
<ul style="list-style-type: none"> <li>Number of pins device-side</li> </ul>	3
Standards, approvals, certificates	
CE mark	No; No CE marking obligation
CSA approval	Yes
cULus	Yes; cURus
EAC (formerly Gost-R)	Yes
RoHS conformity	Yes; REACH SVHC Lead 7439-92-1
China RoHS compliance	Yes; Environment Friendly Use Period (EFUP): 50 years
Use in hazardous areas	
<ul style="list-style-type: none"> <li>ATEX Zone 2</li> <li>ATEX Zone 22</li> <li>IECEx Zone 2</li> <li>IECEx Zone 22</li> <li>cULus Class I Zone 1</li> <li>cULus Class I Zone 2, Division 2</li> <li>FM Class I Division 2</li> </ul>	Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions
Marine approval	
<ul style="list-style-type: none"> <li>Germanischer Lloyd (GL)</li> <li>American Bureau of Shipping (ABS)</li> <li>Bureau Veritas (BV)</li> <li>Det Norske Veritas (DNV)</li> <li>Korean Register of Shipping (KRS)</li> </ul>	Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device.

- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (Class NK)
- Polski Rejestr Statkow (PRS)
- Chinese Classification Society (CCS)

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#### Ambient conditions

Suited for indoor use	Yes; Flammability class according to UL 94-V0
Suited for outdoor use	Yes; possible under certain conditions
Ambient temperature during operation	
• min.	0 °C
• max.	55 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	70 °C
Relative humidity	
• Operation, max.	80 %

#### Mechanics/material

Material	
• Plastic	Yes; Screw terminal with tension bushing
Enclosure material (front)	
• Plastic	Yes; Screw terminal with tension bushing
Enclosure color (front)	green
Torques/forces	
• Tightening torque, min.	0.22 N·m
• Tightening torque, max.	0.25 N·m

#### Dimensions

Width	10.5 mm; Contact spacing 3.5 mm
Height	11.1 mm
Depth	16.1 mm

#### Weights

Weight (without packaging)	0.7 g; Per unit
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#### Scope of supply

Delivery quantity in pieces	10; Units per set
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#### Other

printable with laser printer	No
Merchandise	Yes; MC 1,5/ 3-ST-3,5 - 1840379
Manufacturer name	PHOENIX CONTACT
Manufacturer's address	Flachmarktstraße 8, 32825 Blomberg, Germany
Target devices	suitable for all appropriate interfaces
Note:	Screwdriver, slot, VDE insulated, size: 0.4 mm x 2.5 mm x 80 mm

#### Classifications

	Version	Classification
eClass	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92
eClass	8	27-24-92-03
eClass	7.1	27-24-92-03
eClass	6	27-24-92-03
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

#### Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: [40466415](#)

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