

Connector, female, 3-pole, type 4, 24 V DC for grid size 3.50 mm Further information, quantity and content: See technical data



General information	
Product type designation	Connector, female, 3-pole, type 4
Control elements	
Frame size/design	
• Standard	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 mm²
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	
• Number of pins HMI-side	3
Device-side interface	
• Number of pins device-side	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	
• ATEX Zone 2	Yes; Device-dependent, see operating instructions
• ATEX Zone 22	Yes; Device-dependent, see operating instructions
• IECEx Zone 2	Yes; Device-dependent, see operating instructions
• IECEx Zone 22	Yes; Device-dependent, see operating instructions
• cULus Class I Zone 1	Yes; Device-dependent, see operating instructions
• cULus Class I Zone 2, Division 2	Yes; Device-dependent, see operating instructions
• FM Class I Division 2	Yes; Device-dependent, see operating instructions
Marine approval	
• Germanischer Lloyd (GL)	Yes; Always comply with the operating instructions of the target device.
• American Bureau of Shipping (ABS)	Yes; Always comply with the operating instructions of the target device.
• Bureau Veritas (BV)	Yes; Always comply with the operating instructions of the target device.
• Det Norske Veritas (DNV)	Yes; Always comply with the operating instructions of the target device.
• Korean Register of Shipping (KRS)	Yes; Always comply with the operating instructions of the target device.
• Lloyds Register of Shipping (LRS)	Yes; Always comply with the operating instructions of the target device.

<ul style="list-style-type: none"> <li>• Nippon Kaiji Kyokai (Class NK)</li> <li>• Polski Rejestr Statkow (PRS)</li> <li>• Chinese Classification Society (CCS)</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.
<b>Ambient conditions</b>	
Suited for indoor use	Yes; Flammability class according to UL 94-V0
Suited for outdoor use	Yes; possible under certain conditions
<b>Ambient temperature during operation</b>	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	0 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	55 °C
<b>Ambient temperature during storage/transportation</b>	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	-20 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	70 °C
<b>Relative humidity</b>	
<ul style="list-style-type: none"> <li>• Operation, max.</li> </ul>	80 %
<b>Mechanics/material</b>	
Material	
<ul style="list-style-type: none"> <li>• Plastic</li> </ul>	Yes; Screw terminal with tension bushing
Enclosure material (front)	
<ul style="list-style-type: none"> <li>• Plastic</li> </ul>	Yes; Screw terminal with tension bushing
Enclosure color (front)	green
<b>Torques/forces</b>	
<ul style="list-style-type: none"> <li>• Tightening torque, min.</li> </ul>	0.22 N·m
<ul style="list-style-type: none"> <li>• Tightening torque, max.</li> </ul>	0.25 N·m
<b>Dimensions</b>	
Width	10.5 mm; Contact spacing 3.5 mm
Height	11.1 mm
Depth	16.1 mm
<b>Weights</b>	
Weight (without packaging)	0.7 g; Per unit
<b>Scope of supply</b>	
Delivery quantity in pieces	10; Units per set
<b>Other</b>	
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
<b>Usable in the following products</b>	
<ul style="list-style-type: none"> <li>• Product 1</li> </ul>	<a href="#">6AV3688-3AF37-0AX0</a>

last modified:

8/24/2021 