

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	
<ul style="list-style-type: none"> 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 mm ²
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"> Number of pins HMI-side 	3
Device-side interface	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 cULus Class I Zone 1 cULus Class I Zone 2, Division 2 FM Class I Division 2 	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"> Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) 	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. Yes; Always comply with the operating instructions of the target device.

<ul style="list-style-type: none"> • Nippon Kaiji Kyokai (Class NK) • Polski Rejestr Statkow (PRS) • Chinese Classification Society (CCS) 	<p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p>
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	
<ul style="list-style-type: none"> • min. • max. 	<p>0 °C</p> <p>55 °C</p>
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	<p>-20 °C</p> <p>70 °C</p>
Relative humidity	
<ul style="list-style-type: none"> • Operation, max. 	80 %
Mechanics/material	
Material	
<ul style="list-style-type: none"> • Plastic 	Yes; Screw terminal with tension bushing
Enclosure material (front)	
<ul style="list-style-type: none"> • Plastic 	Yes; Screw terminal with tension bushing
Enclosure color (front)	green
Torques/forces	
<ul style="list-style-type: none"> • Tightening torque, min. • Tightening torque, max. 	<p>0.22 N·m</p> <p>0.25 N·m</p>
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
Scope of supply	
Delivery quantity in pieces	10; Units per set
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
Usable in the following products	
<ul style="list-style-type: none"> • Product 1 	6AV3688-3AF37-0AX0

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