

ST-3EP1N8AQ004S - Coupler connector



1614596

<https://www.phoenixcontact.com/us/products/1614596>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



The figure shows the 4-pos. (3+PE) product version

Coupler connector, application: Power, straight, SPEEDCON, M17, number of positions: 3+PE, contact connection type: Pin, cable diameter range: 8 mm ... 10 mm, number of positions: 4, connection method: Crimp connection, series: ST

Commercial data

Item number	1614596
Packing unit	30 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRBEJ
GTIN	4046356806114
Weight per piece (including packing)	44.44 g
Weight per piece (excluding packing)	44.44 g
Country of origin	DE

ST-3EP1N8AQ004S - Coupler connector



1614596

<https://www.phoenixcontact.com/us/products/1614596>

Technical data

Product properties

Series	ST
Application	Power
Number of positions	4
Connection profile	3+PE
Coding	N
Thread type	M17

Electrical properties

Contact: Contact group 1

Contact diameter	2 mm
Nominal current I_N	20 A
Nominal voltage U_N	630 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	6 kV

Contact: Contact group 2

Contact diameter	2 mm
------------------	------

Connection data

Connection method	Crimp connection
-------------------	------------------

Material specifications

Seal material	FKM
Housing material	GD-Zn

Connector

Type	straight
Direction of rotation	Standard

Cable/line

External cable diameter	8 mm ... 10 mm
-------------------------	----------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67, when in locked state IP44 (panel feed-through)
Ambient temperature (operation)	-40 °C ... 125 °C

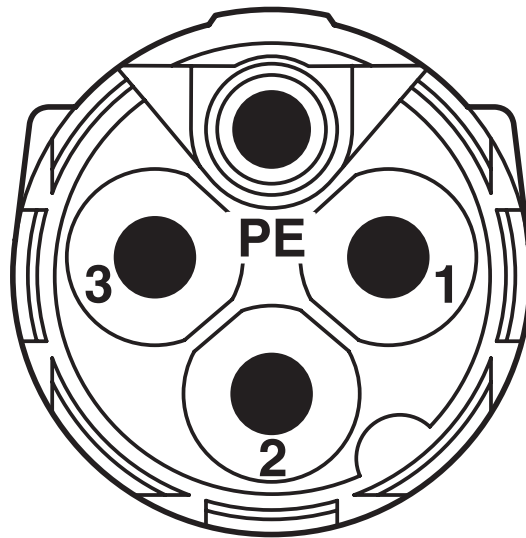
ST-3EP1N8AQ004S - Coupler connector

1614596

<https://www.phoenixcontact.com/us/products/1614596>

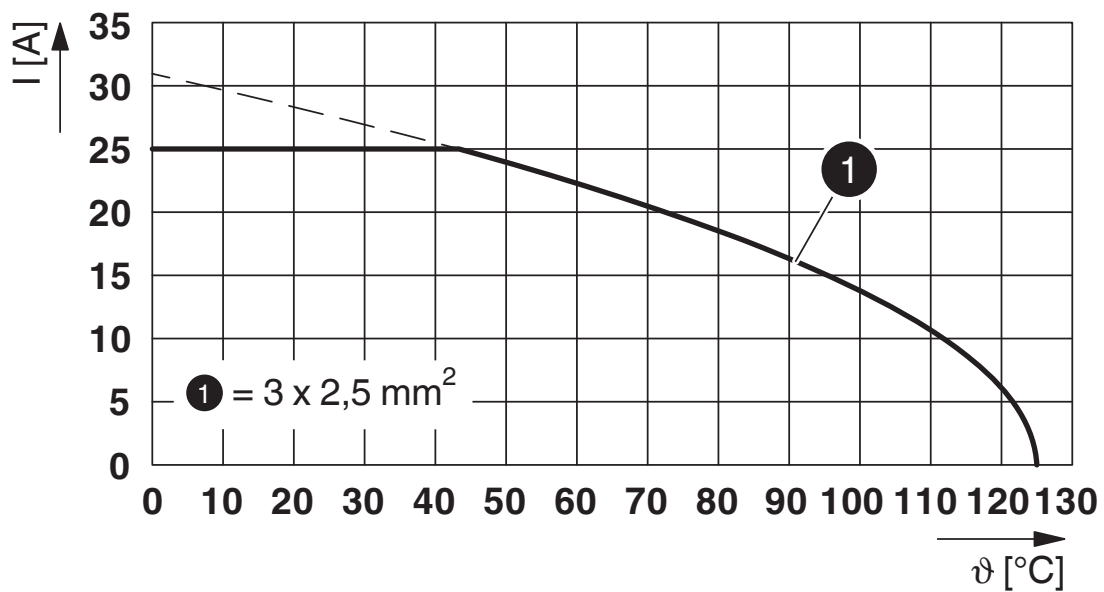
Drawings

Schematic diagram



Connector pin assignment

Diagram



I = current strength, ϑ = ambient temperature, 3x 25 A

ST-3EP1N8AQ004S - Coupler connector



1614596

<https://www.phoenixcontact.com/us/products/1614596>

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com