ST-8ES1N8AA400S - Device connector front mounting

1620438

https://www.phoenixcontact.com/us/products/1620438

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.

CRIMP



The figure shows the 8-pos. version with sockets

Device connector front mounting, application: Power, angled rotatable, for standard and SPEEDCON interlock, M17, number of positions: 5+3+PE, contact connection type: Socket, Axial O-ring, 4x Ø 2.7 mm, shielded: yes, flange dimensions: 25.75 mm x 25.75 mm, number of positions: 9, connection method: Crimp connection, series: ST

Your advantages

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly

Commercial data

Item number	1620438
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB32
Product key	ABRBEM
GTIN	4046356828260
Weight per piece (including packing)	83.14 g
Weight per piece (excluding packing)	44.44 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts 5 x 0.6 mm, 4 x Ø 1 mm separately

Safety note

Safety note	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.

Product properties

Product type	Circular connectors (device side)
Series	ST
Application	Power
Number of positions	9
Connection profile	5+3+PE
Shielded	yes
Coding	N
Thread type	M17

Dimensions

Housing

Flange dimensions	25.75 mm x 25.75 mm

Material specifications

Seal material	FPM
Housing material	Metal

Electrical properties

Contact: Contact group 1

Contact diameter	1 mm
Nominal current I_N	14 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	0.6 mm
Nominal current I_N	3.6 A
Nominal voltage U_N	60 V
Overvoltage category	III
Degree of pollution	3

Rated surge voltage	1.5 kV

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Socket

Connector

Type	angled rotatable
Direction of rotation	Standard

Connection 1

Head design	Socket

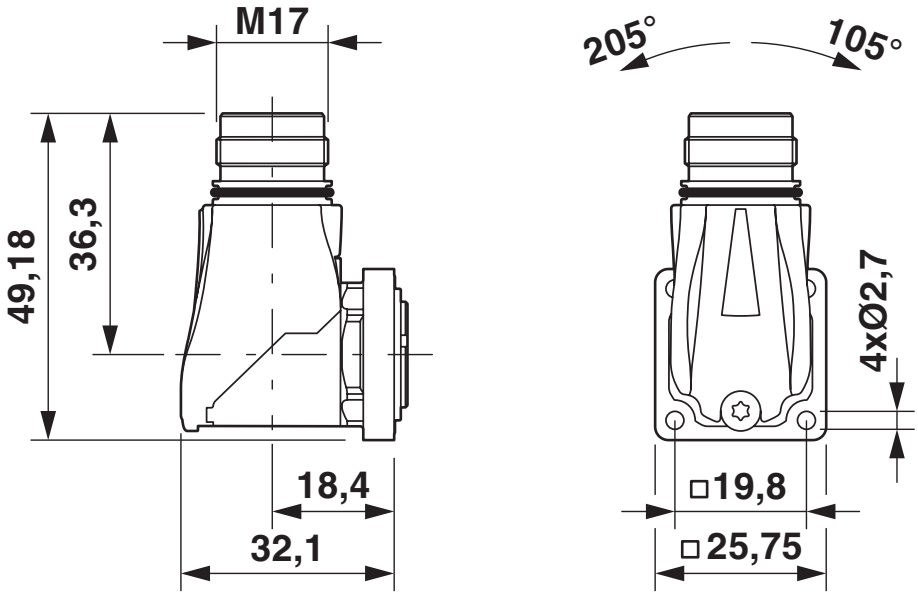
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 125 °C
Altitude	2000 m

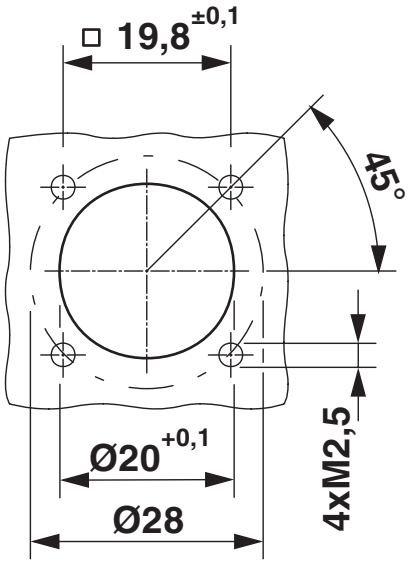
Drawings

Dimensional drawing



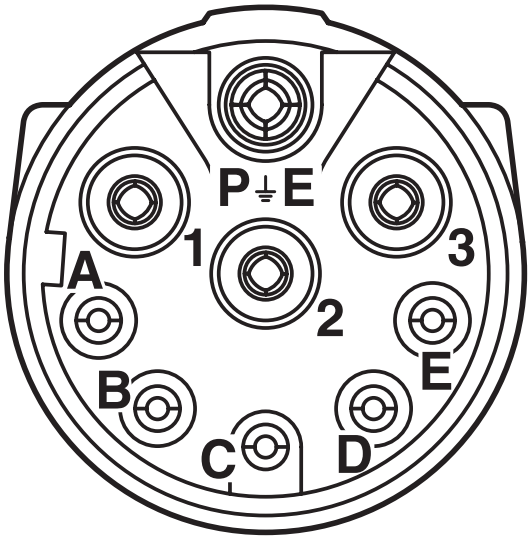
Dimensional drawing

Dimensional drawing



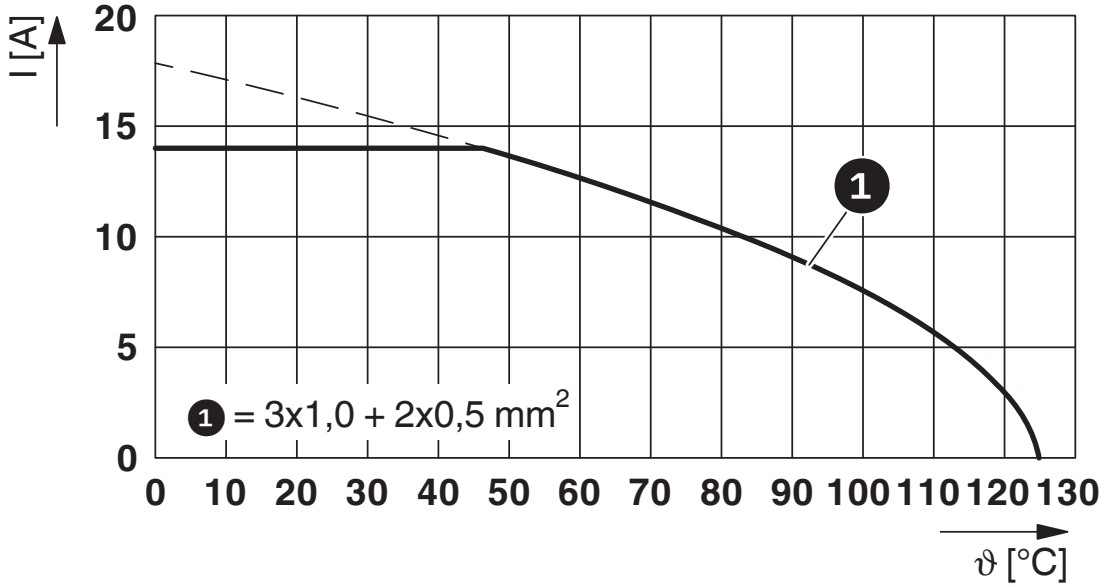
Drill holes

Schematic diagram



Connector pin assignment

Diagram



I = current strength, ϑ = ambient temperature, 3x 14 A + 2x 2 A constant

Classifications

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	cf121a84-543a-4d02-89d0-534a7ec5a177

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