ST-7ES1N8ACK02S - Front panel feed-through

1618787

https://www.phoenixcontact.com/us/products/1618787

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CRIMP



The figure shows the product with assembled crimp contacts. Please order crimp contacts separately.

Front panel feed-through, application: Power, straight, SPEEDCON, M17, number of positions: 7+PE, contact connection type: Socket, Flat gasket, shielded: yes, flange dimensions: 25.75 mm x 25.75 mm, degree of protection: IP67, cable diameter range: 3.5 mm ... 5.5 mm, number of positions: 8, connection method: Crimp connection, series: ST

Your advantages

- Reduced size: ideal for compact devices
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters
- User-specific, suitable for front and rear mounting

Commercial data

Item number	1618787
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB38
Product key	ABRBEJ
GTIN	4046356817431
Weight per piece (including packing)	45.4 g
Weight per piece (excluding packing)	44.056 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts 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.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• Assembled products may not be manipulated or improperly opened.
	• When using the product in direct connection with third-party manufacturers, the user is responsible.
	• Ensure that the protective or functional ground has been properly connected.
	• Only use tools recommended by Phoenix Contact
	• Operate the connector only when it is fully plugged in and interlocked.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.

Mounting

Mounting type	Front mounting/square flange (4x Ø 3.2 mm)

Product properties

Product type	Circular connectors (device side)
Series	ST
Application	Power
Number of positions	8
Connection profile	7+PE
Shielded	yes
Coding	N
Thread type	M17

Dimensions

Housing

Flange dimensions	25.75 mm x 25.75 mm

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	1 mm

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Socket

Connector

Type	straight
Direction of rotation	Standard

Cable/line

External cable diameter	3.5 mm ... 5.5 mm

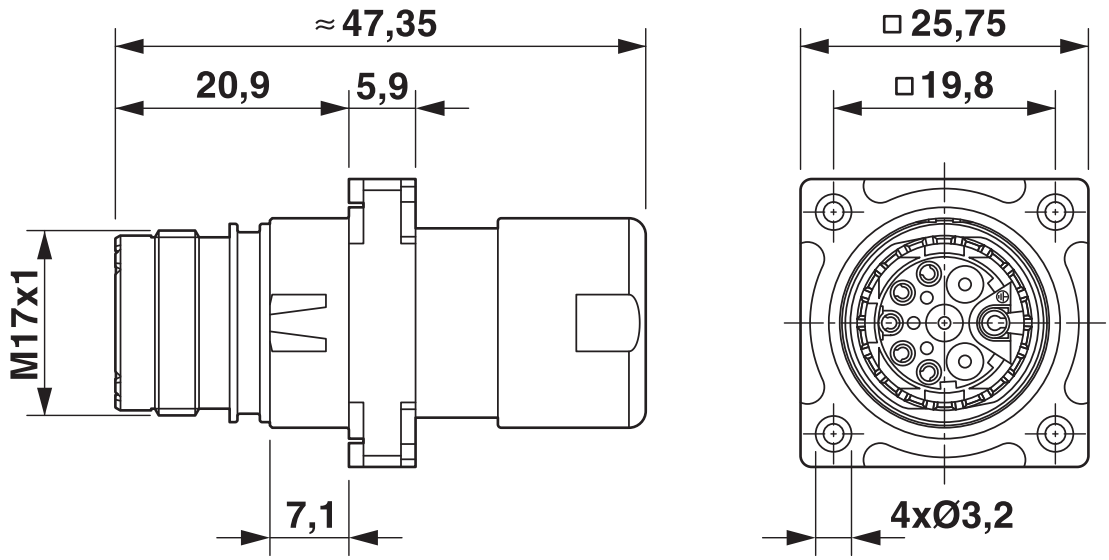
Environmental and real-life conditions

Ambient conditions

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

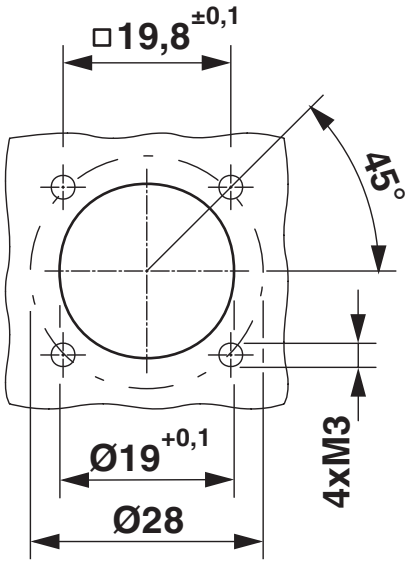
Drawings

Dimensional drawing



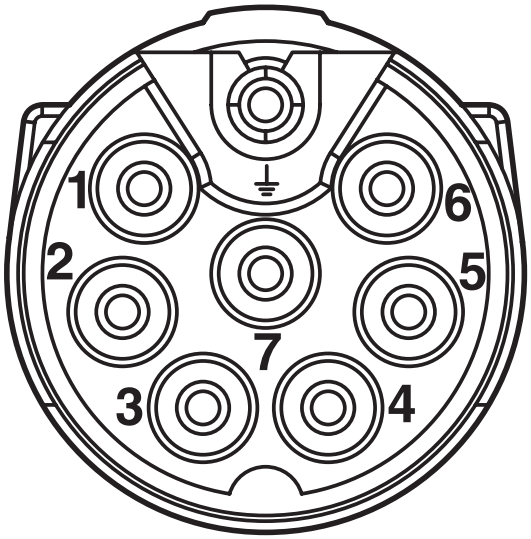
Dimensional drawing

Dimensional drawing



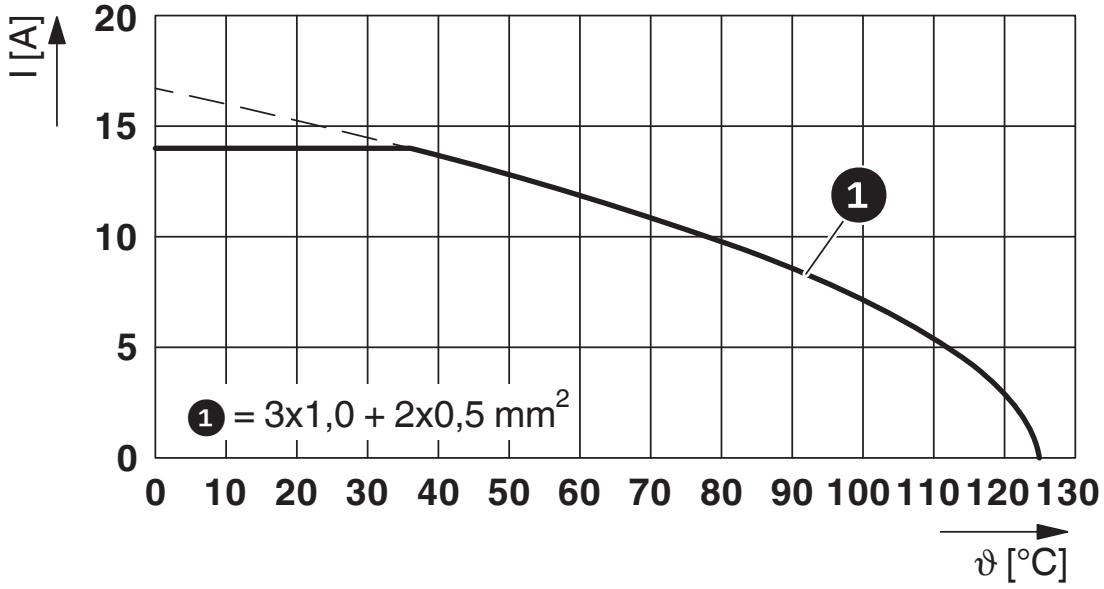
Installation dimensions

Schematic diagram



Connector pin assignment

Diagram



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

Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 9.0	EC003569

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	ce95cf21-2db9-435a-b744-407608bf91c5

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