SH-Z0015 - Shield connection

1008164

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Shielding sleeve for data element, SH and SB series, contact connection type: pin and socket. Note: The item may only be used in the corresponding PxC products SH-8EPC5..., SH-8ESC5..., SH-8EPD6..., SH-8ESD6..., SH-8EPS4..., SH-8ESS4..., SB-8EP(S)C(S)(6)(0)(D).....

Commercial data

Item number	1008164
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AB33
Product key	ABRCDU
GTIN	4055626691015
Weight per piece (including packing)	0.298 g
Weight per piece (excluding packing)	0.27 g
Customs tariff number	39269097
Country of origin	DE

Technical data

Notes

Safety note

Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	• 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.
	• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.
	• Assembled products may not be manipulated or improperly opened.
	• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	• When using the product in direct connection with third-party manufacturers, the user is responsible.
	• For operating voltages > 50 V AC, conductive connector housings must be grounded
	• Ensure that the protective or functional ground has been properly connected.
	• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector
	• Only use tools recommended by Phoenix Contact
	• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
	• Operate the connector only when it is fully plugged in and interlocked.
	• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.
	• The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).

Product properties

Product type	Contact insert
Series	SH
Application	Hybrid
Shielded	yes

Material specifications

Material Housing	Metal

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 115 °C

Classifications

ECLASS

ECLASS-13.0	27440392
ECLASS-15.0	27440392

ETIM

ETIM 10.0	EC002943

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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