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PLUG-IN CONNECTION SYSTEM - ZST

ZRKS, ZSTK

3670.3
ZST 2.5/1A, Male plug, Orange



- Wire connection type: tension-spring connection
- Versatile mounting on TS15, TS35 or as free coupling
- Ratings 500 V, 24 A
- Touch-safe construction

PRODUCT DESCRIPTION

The plug-in connection system ZST is a plug-in system that allows you to achieve a rated current up to 24 A with a rated voltage up to 500 V.

The terminals and the pluggable connectors have a touch-safe design and can be configured easily and combined according to the particular needs of your application.

The basic terminals and connectors can also be coded to make sure the correct plug is mated with the correct socket, when using multiple sets.

All plugs & base terminals have the option of additional snap-on locking latches and strain relief mechanism to ensure that the connected wire and plugs are firmly secured

The ZSTK 2.5 couplings are available as rail-mounted version (for TS15 and TS35) or as a free coupling.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	2.5 mm²

Colour	Orange
Rated voltage IEC	500 V
Rated current IEC	24 A
Mounting	Push in
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Approvals	UL, CSA, CSA US, cUL, KEMA KUR, EAC

DIMENSIONS

Length	42 mm
Width	5.1 mm
Height	16.5 mm

CONNECTION DATA

Connections	1
Plug gauge acc. EN 60 947-1	A3
Cross connect channels	0
Number of test pick off options	1
Number of poles	1
Cross section single wire from	0.5 mm²
Cross section single wire to	4 mm²
Cross section stranded wire from	0.5 mm²
Cross section stranded wire to	4 mm²
Cross section stranded with ferrule from	0.5 mm²
Cross section stranded with ferrule to	2.5 mm²
Rated wire cross section from (AWG)	20
Rated wire cross section to (AWG)	12
Stripping length	10 mm

MATERIALS

Insulation material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C

APPROVALS

Rated voltage UL	300 V
Rated current UL	20 A
UL test standard	UL 1059
Rated voltage CSA	300 V
Rated current CSA	20 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	300 V
Rated current CSAus	20 A
CSAus test standard	UL 1059
Rated voltage cUL	300 V
Rated current cUL	20 A
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-1:2009

ADDITIONAL DATA

Tariff code	85369010
Country of origin	CZ
Weight	3.5 g
Pack size	100

