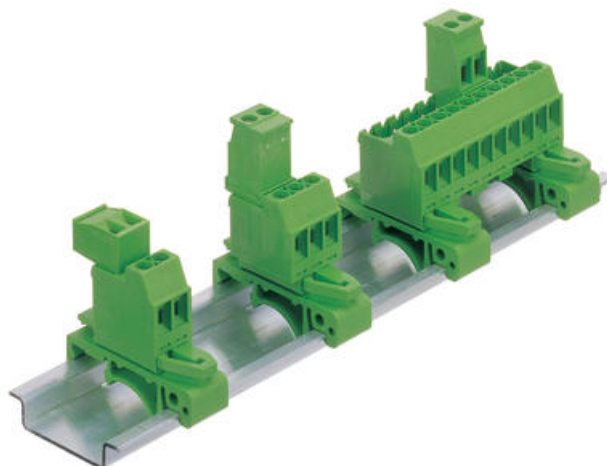# PLUG IN DIN RAIL - PK-TS

13825.1
PK-TS/5.08/2-F, 2 Way flanged pluggable scoket,
TS15/TS35

- TS15/25 or TS32/35 versions
- 2 pole to 24 pole
- Screw flange options
- Coding pins
- Polyamide 6.6-V-0

PRODUCT DESCRIPTION

The pluggable PK-TS connection system was designed to meet the increasing demands for a quick modular way of connecting and disconnecting parts of electrical systems together.

For example; - if you have components, such as HMI's on a front panel, lid or door of an enclosure the PK-TS can be used to quickly disconnect from the main controls inside the panel.

The wiring which connects the two parts is fed out of one panel with the PK-TS base element. The corresponding cables are placed on their counterpart in the second panel. The PK-TS base element is attached to the DIN rail using mounting feet which are fitted either with a TS15/35 or TS32/35 combi-foot for mounting on DIN rail. There are various options for the type of wire connection for the plug-in part (push-in, clamping yoke or eccentric). The PK-TS elements are available with 2 to 24 poles and with a screw flange. The PK-TS base elements with a screw flange use this flange to connect to the pluggable wire-connection component. This protects them from accidental loosening. Wires can be connected from different directions, depending on the selection of the PK-TS combination and counterpart. To avoid incorrect mating when using several PK-TS in one panel, both the PK-TS and its counterpart can be coded without loss of poles by using our proven CONTA-CON coding system.

TECHNICAL DATA

GENERAL DATA

Colour	Green
Rated cross section	2,5 mm²
Rated current	10 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Overvoltage category	III
Contamination degree	3
Approvals	UL, cUL, VDE

DIMENSIONS

Length	42,5 mm

Width	21,48 mm
Height TS 35/7.5	35,5 mm
Height TS 15/5.5	35,5 mm
Pitch	5,08 mm

CONNECTION DATA

Cross section single wire from	0,2 mm²
Cross section single wire to	4 mm²
Cross section stranded wire from	0,2 mm²
Cross section stranded wire to	2,5 mm²
Cross section stranded with ferrule from	0,25 mm²
Cross section stranded with ferrule to	2,5 mm²
Rated wire cross section from (AWG)	28
Rated wire cross section to (AWG)	12
Stripping length	6 mm
Screw size	M 3

MATERIALS

Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C

APPROVALS

Rated voltage UL	300 V
Rated current UL	15 A
UL test standard	UL 1059
Rated voltage cUL	300 V
Rated current cUL	15 A
cUL test standard	C22.2 No 158

ADDITIONAL DATA

Tariff code	85366990
Country of origin	TN
Weight	9,2 g
Pack size	50
Flange insert	Brass

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	1*10^13 Ω x cm
Clamp material	Brass
Contact flag	Copper alloy
Rated voltage VDE	250 V
Length of pin header	20,6 mm
Connector version	Fixed
Angle of wire connection/contact	90° (vertically upwards)
Screw material	Steel
Width right	8,2 mm
Glow wire flammability index (GWFI)	GWFI 850
Rated current VDE	10 A
Number of poles	2
GWFI after-glow time	30 s
Width left	8,2 mm
Housing material	Polyamide 6.6
VDE test standard	DIN EN 61984
Connector type/principle	Screw
Plug-in cycles acc. to standard	100
Type	Plug-in connection system
GWIT exposure time	5 s
Torque	0,5 Nm
Current creepage resistance	CTI 600
Connection cycles acc. to standard	5

5,08 mm