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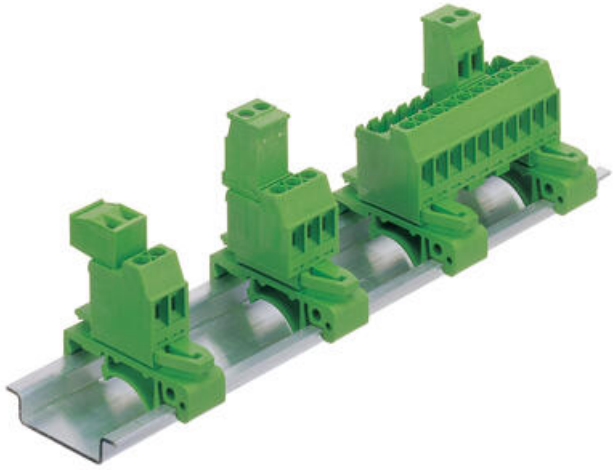
PLUG IN DIN RAIL - PK-TS

12319.1
PK-TS/5.08/2, 2 Way pluggable scoket, TS32/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
Number of poles	2
Pitch	5,08 mm
Type	Plug-in connection system
Approvals	UL, cUL, VDE

RATINGS

Rated impulse voltage	4 kV
Contamination degree	3
Rated current	10 A
Rated voltage	250 V
Rated cross section	2,5 mm²

Overvoltage category	III

DIMENSIONS

Length of pin header	20,6 mm
Width right	3,3 mm
Height TS 35/7.5	35,5 mm
Length	42,5 mm
Width	11,68 mm
Height TS 32	40,5 mm
Width left	3,3 mm

CONNECTION DATA

Cross section stranded wire to	2,5 mm²
Cross section single wire from	0,2 mm²
Cross section stranded wire from	0,2 mm²
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	28
Cross section stranded with ferrule from	0,25 mm²
Connector version	Fixed
Screw size	M 3
Cross section stranded with ferrule to	2,5 mm²
Stripping length	6 mm
Cross section single wire to	4 mm²
Connector type/principle	Screw
Torque	0,5 Nm

MATERIALS

Flammability class	UL94-V0
Clamp material	Brass
Operating temperature from	-30 °C
Contact flag	Copper alloy
Screw material	Steel
Operating temperature to	105 °C
Housing material	Polyamide 6.6

APPROVALS

UL test standard	UL 1059

Rated voltage VDE	250 V
Rated current UL	15 A
Rated current cUL	15 A
Rated current VDE	10 A
Rated voltage UL	300 V
Rated voltage cUL	300 V
VDE test standard	DIN EN 61984
cUL test standard	C22.2 No 158

Plug-in cycles acc. to standard	100
Tariff code	85366930
Pack size	50
Weight	9,59 g
Angle of wire connection/contact	90° (vertically upwards)
Connection cycles acc. to standard	5
Country of origin	TN
Current creepage resistance	CTI 600
Glow wire flammability index (GWFI)	GWFI 850
Glow wire ignition temperature (GWIT)	GWIT 775
GWFI after-glow time	30 s
GWIT exposure time	5 s
Insulation resistance	1*10^13 Ω x cm