

OEM Automatic Ltd

Address: Whiteacres, Whetstone Leicester, LE8 6ZG 0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

CONTACLIP

PLUG IN DIN RAIL - PK-TS

13856.1 PK-TS/5.08/10-F, 10 Way flanged 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

Туре	Plug-in connection system
Pitch	5.08 mm
Colour	Green
Number of poles	10
Approvals	UL, cUL, VDE

RATINGS

Rated current	10 A
Rated voltage	250 V
Rated cross section	2.5 mm²
Rated impulse voltage	4 kV
Overvoltage category	III

Contamination degree	3
DIMENSIONS	
Length	42.5 mm
Width	62.12 mm
Width left	8.2 mm
Width right	8.2 mm
Height TS 32	40.5 mm
Height TS 35/7.5	35.5 mm
Length of pin header	20.6 mm
CONNECTION DATA	
Connector type/principle	Screw
Connector version	Fixed
Cross section single wire from	0.2 mm²
Cross section single wire to	4 mm²
Cross section stranded wire from	0.2 mm ²
Cross section stranded with ferrule to	2.5 mm ²
Cross section stranded wire to	2.5 mm ²
Cross section stranded with ferrule from	0.25 mm²
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	28
Stripping length	6 mm
Screw size	M 3
Torque	0.5
MATERIALS	
Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Contact flag	Copper alloy
Screw material	Steel
Clamp material	Brass
Flange insert	Brass

APPROVALS

UL test standard UL 1059 Rated voltage UL 300 V Rated current UL 15 A cUL test standard 622.2 No 158 Rated voltage cUL 300 V Rated current cUL 15 A VDE test standard DIN EN 61984 Rated voltage VDE 250 V Rated current VDE 10 A Plug-in cycles acc. to standard 100 Tariff code 8366990 Pack size 50 Weight 30 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		
Rated current UL cUL test standard cUL test standard Rated voltage cUL Rated current cUL 75 A VDE test standard Rated voltage VDE Rated current VDE Plug-in cycles acc. to standard Plug-in cycles acc. to standard Pack size Pack size Po ° (vertically upwards) Connection cycles acc. to standard Tn N Current creepage resistance 15 A 222 No 158 200 V Annoted current VDE 15 A 10 A 10 A 100 100 100 100 100	UL test standard	UL 1059
cUL test standard Rated voltage cUL Rated current cUL 15 A VDE test standard DIN EN 61984 Rated voltage VDE 250 V Rated current VDE 10 A Plug-in cycles acc. to standard 100 Pack size 50 Weight 30 g Angle of wire connection/contact Connection cycles acc. to standard To ord Country of origin TN Current creepage resistance C22.2 No 158 Country of 158 Country of 2015 Country of origin C22.2 No 158 Country of 2015 Country	Rated voltage UL	300 V
Rated current cUL NDE test standard Pluser current VDE Plugerin cycles acc. to standard Pack size Pock size Angle of wire connection/contact Connection cycles acc. to standard Current ceepage resistance 300 V 15 A 10 A 10 A 10 0 10	Rated current UL	15 A
Rated current cUL VDE test standard DIN EN 61984 Rated voltage VDE Rated current VDE Plug-in cycles acc. to standard Tariff code Pack size Voight Angle of wire connection/contact Country of origin Tin Current creepage resistance DIN EN 61984 DIN EN 61984 10 0 Angle of wire connection/contact Tin Mode 10 0	cUL test standard	C22.2 No 158
Rated voltage VDE Rated current VDE Plug-in cycles acc. to standard Pack size Pack size Weight Angle of wire connection/contact Connection cycles acc. to standard Tinitic code Country of origin Current creepage resistance DIN EN 61984 250 V Angle Of Weight 100 100 250 V 2	Rated voltage cUL	300 V
Rated current VDE Plug-in cycles acc. to standard Tariff code 85366990 Pack size 50 Weight Angle of wire connection/contact Connection cycles acc. to standard Tny Country of origin Tny Current creepage resistance 250 V Angle of wire connection/contact 5 Country of origin Tny Current creepage resistance CTI 600	Rated current cUL	15 A
Rated current VDE Plug-in cycles acc. to standard 100 Tariff code 85366990 Pack size 50 Weight 30 g Angle of wire connection/contact 90° (vertically upwards) Connection cycles acc. to standard 5 Country of origin TN Current creepage resistance CTI 600	VDE test standard	DIN EN 61984
Plug-in cycles acc. to standard 100 Tariff code 85366990 Pack size 50 Weight 30 g Angle of wire connection/contact 90° (vertically upwards) Connection cycles acc. to standard 5 Country of origin TN Current creepage resistance CTI 600	Rated voltage VDE	250 V
Tariff code 85366990 Pack size 50 Weight 30 g Angle of wire connection/contact 90° (vertically upwards) Connection cycles acc. to standard 5 Country of origin TN Current creepage resistance CTI 600	Rated current VDE	10 A
Tariff code 85366990 Pack size 50 Weight 30 g Angle of wire connection/contact 90° (vertically upwards) Connection cycles acc. to standard 5 Country of origin TN Current creepage resistance CTI 600	Plug-in cycles acc to standard	100
Pack size 50 Weight 30 g Angle of wire connection/contact 90° (vertically upwards) Connection cycles acc. to standard 5 Country of origin TN Current creepage resistance CTI 600		
Weight30 gAngle of wire connection/contact90° (vertically upwards)Connection cycles acc. to standard5Country of originTNCurrent creepage resistanceCTI 600		
Angle of wire connection/contact 90° (vertically upwards) Connection cycles acc. to standard 5 Country of origin TN Current creepage resistance CTI 600	Weight	
Country of origin TN Current creepage resistance CTI 600		
Current creepage resistance CTI 600	Connection cycles acc. to standard	5
	Country of origin	TN
Glow wire flammability index (GWFI) GWFI 850	Current creepage resistance	CTI 600
	Glow wire flammability index (GWFI)	GWFI 850
Glow wire ignition temperature (GWIT) GWIT 775	Glow wire ignition temperature (GWIT)	GWIT 775
GWFI after-glow time 30 s	GWFI after-glow time	30 s
GWIT exposure time 5 s	GWIT exposure time	5 s
	Insulation resistance	1*10^13 Ω x cm



