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CONTACLIP

SCREW THERMOCOUPLE TERMINALS -TSK

TSK

1200.2 **TSK 2,5/T BG**

- Two-pole block per thermal pair
- Thermal pair is clearly labelled on the terminal block
- Terminal width of a thermal pair is 10mm
- · Material of busbars corresponds to material of compensating lines



PRODUCT DESCRIPTION

The TSK series from Contaclip can be used to extend thermocouple measurement circuits without introducing errors caused by incompatible junction materials.

The terminals can be used to clearly label the thermal terminal pair in use.

The busbars on the termocouple terminals are made of the same materials as the compensating lines, in compliance with DIN 43713/DIN 43714. This ensures thermocouple signals are transmitted accurately on the junction between the thermocouple, thermocouple terminal and compenating line. Thus the base value maintained in accordance with DIN/IEC 584.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	2.5 mm ²
Colour	Beige
Mounting	TS 35
Overvoltage category	III
Contamination degree	3
Approvals	EAC

DIMENSIONS

Length	48 mm
Width	10 mm
Height TS 35/7.5	47 mm

Connections 4 Number of levels 1 Plug gauge acc. EN 60 947-1 A3 Cross section single wire from 0.2 mm² Cross section stranded wire to 4 mm² Cross section stranded wire to 4 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M 2.5 Screw type Slotted Torque min 0.4 Torque max 0.8 MATERIALS UL94-V2 Operating temperature from -40 °C Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	Height TS 32	51.5 mm
Number of levels Plug gauge acc. EN 60 947-1 A3 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 from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M 2,5 Screw type Slotted Torque min 0.4 Torque max 0.8 WATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from 0-perating temperature to 105 °C Busbar material Cross section single wire from 0-2 mm² APPROVALS	CONNECTION DATA	
Plug gauge acc. EN 60 947-1 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 4 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 0.5 mm² Cross section from (AWG) 12 Stripping length 7 mm Screw size M 2.5 Screw type Slotted Torque min 0.4 Torque min 0.4 Torque max 0.8 WATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from 0-perating temperature to 105 °C Busbar material Copper / Constantan	Connections	4
Cross section single wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire from 0.2 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M.2.5 Screw type Slotted Torque min 0.4 Torque max 0.8 WATERIALS Insulation material Polyamide 6.6 Fiammability class UL94-V2 Operating temperature from 40 °C Operating temperature to 105 °C Busbar material Corpose (Copper / Constantan)	Number of levels	1
Cross section single wire to 4 mm² Cross section stranded wire from 0.2 mm² Cross section stranded wire to 4 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M.2,5 Screw type Slotted Torque min 0.4 Torque max 0.8 WATERIALS Insulation material Polyamide 6.6 Fiammability class UL94-V2 Operating temperature from .40 °C Operating temperature to 105 °C Busbar material Corpose (Copper / Constantan)	Plug gauge acc. EN 60 947-1	A3
Cross section stranded wire from 4 mm² Cross section stranded wire to 0.2 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M.2.5 Screw type Slotted Torque min 0.4 Torque max 0.8 MATERIALS Insulation material Polyamide 6.6 Fiammability class UL94-V2 Operating temperature from 40°C Operating temperature to 105°C Busbar material Copper/Constantan	Cross section single wire from	0.2 mm²
Cross section stranded wire to 0.2 mm² Cross section stranded with ferrule from 0.2 mm² Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M.2,5 Screw type Slotted Torque min 0.4 Torque max 0.8 WATERIALS Insulation material Polyamide 6.6 Fiammability class UL94-V2 Operating temperature from -40 °C Operating temperature to 105 °C Busbar material APPROVALS	Cross section single wire to	4 mm²
Cross section stranded with ferrule from 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M.2,5 Screw type Slotted 0.4 Torque min 0.4 Torque max 0.8 MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from 4.0 °C Operating temperature to 10.5 °C Busbar material Copper/Constantan	Cross section stranded wire from	0.2 mm²
Cross section stranded with ferrule to 2.5 mm² Rated wire cross section from (AWG) 22 Rated wire cross section to (AWG) 12 Stripping length 7 mm Screw size M 2,5 Screw type Slotted Torque min 0.4 Torque max 0.8 MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from 40°C Operating temperature to 105 °C Busbar material Copper / Constantan	Cross section stranded wire to	4 mm²
Rated wire cross section from (AWG) Rated wire cross section to (AWG) Stripping length 7 mm Screw size M 2,5 Screw type Soltted Torque min Torque max MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from 40 °C Opperating temperature to Busbar material Copper / Constantan	Cross section stranded with ferrule from	0.2 mm²
Rated wire cross section to (AWG) Stripping length 7 mm M 2,5 Screw size Screw type Slotted Torque min Torque max 0.8 MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from 40 °C Operating temperature to Busbar material Copper/Constantan	Cross section stranded with ferrule to	2.5 mm ²
Stripping length Screw size M 2,5 Screw type Slotted Torque min Torque max 0.8 MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from Operating temperature to Busbar material APPROVALS APPROVALS	Rated wire cross section from (AWG)	22
Screw type Screw type Sorew type O,4 Torque min O,8 MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from Operating temperature to Soperating temperature to Operating temperature to Copper/Constantan	Rated wire cross section to (AWG)	12
Screw type Slotted Torque min O.4 Torque max MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	Stripping length	7 mm
Torque min Torque max 0.8 MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	Screw size	M 2,5
MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	Screw type	Slotted
MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	Torque min	0.4
Insulation material Polyamide 6.6 Flammability class UL94-V2 Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	Torque max	0.8
Flammability class Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan	MATERIALS	
Operating temperature from -40 °C Operating temperature to 105 °C Busbar material Copper / Constantan APPROVALS	Insulation material	Polyamide 6.6
Operating temperature to 105 °C Busbar material Copper / Constantan APPROVALS	Flammability class	UL94-V2
Busbar material Copper / Constantan APPROVALS	Operating temperature from	-40 °C
APPROVALS	Operating temperature to	105 °C
	Busbar material	Copper / Constantan
EAC test standard TR ZU 004/2011	APPROVALS	
	EAC test standard	TR ZU 004/2011
ADDITIONAL DATA	ADDITIONAL DATA	
Tariff code 85369010	Tariff code	85369010
Country of origin DE	Country of origin	DE
Weight 14.56 g	Weight	14.56 g
Pack size 50	Pack size	50

