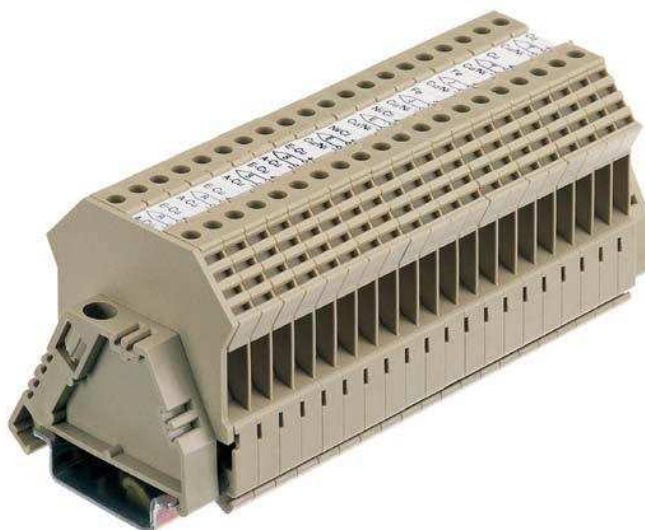


Thermocouple terminals TSK



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



The **CONTA-CLIP TSK** terminals can be used to clearly label the thermal terminal pair in use. The busbars on the thermocouple 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 compensating line.

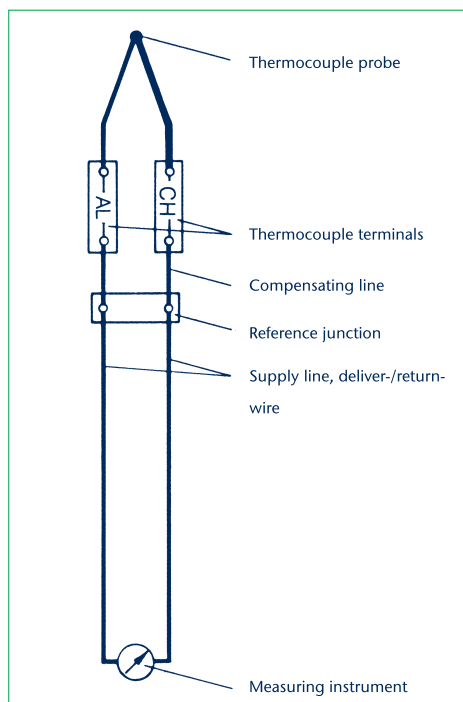
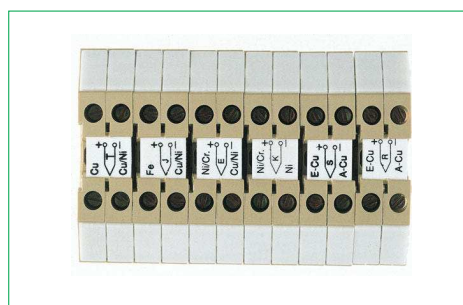
Thus the base value maintained in accordance with DIN/IEC 584.

Features of the TSK 2,5

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

Busbar alloys

Type	Cat. no.	Material
TSK 2,5/T	1200.2	Copper/Constantan Cu/CuNi 44
TSK 2,5/J	1201.2	Iron / Constantan Fe/CuNi 44
TSK 2,5/E	1202.2	Nickel-chrome/Constantan NiCr/CuNi 44
TSK 2,5/K	1203.2	Nickel-chrome/Nickel NiCr/Ni
TSK 2,5/S	1204.2	E-copper/A-copper E-Cu/A-Cu
TSK 2,5/R	1205.2	E-copper/A-copper E-Cu/A-Cu



Terminal blocks for temperature measuring circuits TSK

Screw connection system

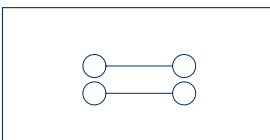


- Busbar materials in compliance with DIN 43713/43714
- Foot can be snapped on TS 32 and TS 35 DIN rails
- Housing made from polyamide 6.6 UL 94-V2

TSK 2,5



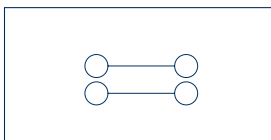
M 2,5

Feed-through terminal
4 connections

TSK 2,5



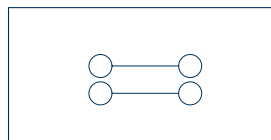
M 2,5

Feed-through terminal
4 connections

TSK 2,5



M 2,5

Feed-through terminal
4 connections

Connection type

Size (L x W x H)mm with TS 32, mm

Size (L x B x H) mm with TS 35 x 7.5, mm

Type

Type colour

Cat. no.

Busbar material

Type/colour

Cat. no.

Busbar material

Colours available

Rated data, in compliance (Approvals on page xxx)

Rated voltage, V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) / Stranded mm²Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off

Accessories

End plate AP

Cat. no.

Partition plate TW

Cat. no.

End stop ES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Screw connection

48 x 10 x 51.5

48 x 10 x 47

Qty.

TSK 2,5/T BG

1200.2

50

Copper / Constantan
Cu/CuNi 44

TSK 2,5/J BG

1201.2

50

Iron / Constantan
Fe/CuNi 44

(2)

IEC

UL

CSA

-

-

-

-

-

-

2.5 | 22-12

8 | 3

A3 | V2

0.2-4 | -

0.2-4 | 0.2-2.5

1|0.2-4

7

0.4-0.8 | Slotted M 2.5

PA 6.6 | -40 to +105°C

-

-

-

-

Page Qty.

AP 2,5-10 BG

2001.2

278

50

TW 2,5-10 BG

2002.2

316

50

ES 35/K/ST BG

2828.0

274

50

SDB 0,5x3,0

1085.0

422

1

PMC SB 5/50 WH

4600.7

339

500

Screw connection

48 x 10 x 51.5

48 x 10 x 47

Qty.

TSK 2,5/E BG

1202.2

50

Nickel-chrome / Constantan
Ni Cr/Cu Ni 44

TSK 2,5/K BG

1203.2

50

Nickel-chrome / Nickel
NiCr/Ni 44

(2)

IEC

UL

CSA

-

-

-

-

-

-

2.5 | 22-12

8 | 3

A3 | V2

0.2-4 | -

0.2-4 | 0.2-2.5

1|0.2-4

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0.4-0.8 | Slotted M 2.5

PA 6.6 | -40 to +105°C

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Page Qty.

AP 2,5-10 BG

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ES 35/K/ST BG

2828.0

274

50

SDB 0,5x3,0

1085.0

422

1

PMC SB 5/50 WH

4600.7

339

500

Screw connection

48 x 10 x 51.5

48 x 10 x 47

Qty.

TSK 2,5/S BG

1204.2

50

E-copper / A-copper
E-Cu/A-Cu

TSK 2,5/R BG

1205.2

50

E-copper / A-copper
E-Cu/A-Cu

(2)

IEC

UL

CSA

-

-

-

-

-

-

2.5 | 22-12

8 | 3

A3 | V2

0.2-4 | -

0.2-4 | 0.2-2.5

1|0.2-4

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0.4-0.8 | Slotted M 2.5

PA 6.6 | -40 to +105°C

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-

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Page Qty.

AP 2,5-10 BG

2001.2

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SDB 0,5x3,0

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