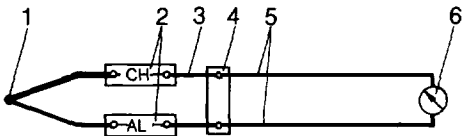


**Screw Clamp 35 mm DIN-Rail Terminals Thermocouples**

Weidmüller thermocouple terminal blocks are specially designed for use in temperature measuring circuits. The current bars in these terminals are made of the same material as the thermocouple, which ensures continuity of the thermocouple material throughout the circuit and increases the accuracy of the temperature signal.

- Insulation material and profile are like standard feed through terminals
- Type K, T, J, S/R, B, E available in pre-assembled 2-pole blocks
- Special thermocouple marking according to ANSI standards

**Configuration of a temperature measuring circuit**



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Thermocouple wire
- 4 Reference junction
- 5 Supply conductors (to and from)
- 6 Measuring instrument

**Current Bar Identification Numbers:**

- 1 Chromel
- 2 Alumel
- 3 Iron
- 4 Constantan
- 5 E-copper
- 6 A-copper
- 7 S-copper

**Technical data**

Thermocouples to IEC 584 (DIN 43710)

Busbar	Chromel-Alumel
	Copper-Constantan
	Iron-Constantan
	E-copper/A-copper
	S-copper/E-copper
	Chromel-Constantan

**Dimensions**

Width/Length/Height mm (in.) With TS 35 x 7.5

Insulation stripping length mm (in.)

**Technical data**

Rated voltage/rated current/wire size

Torque Nm (lb. in.)

Clamping screw M

**Ordering data**

for thermocouples to IEC 584 (DIN 43710)	Type	Version
Type K	NiCr - Ni	<b>102410</b>
Type T	Cu - CuNi	<b>102420</b>
Type J	Fe - CuNi	<b>102430</b>
Type S + R	Pt 10% - Pt Rh/Pt 13% - Pt Rh	<b>102440</b>
Type B	Pt 30% Rh - Pt 6% Rh	<b>103370</b>
Type E	NiCr - CuNi	<b>103330</b>

All blocks are Beige Wemid

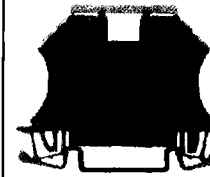
**End plate/partition**

Type	Cat. No.
WAP (thickness 1.5 mm) Beige Wemid	WAP 2.5-10 <b>105000</b>
WTW (thickness 1.5 mm) Beige Wemid	WTW 2.5-10 <b>105010</b>

**Marking tags**

Note: Part numbers are shown for a single card of pre-printed tags numbered 1-50. For additional information, see section 5.

**WDU 2.5/TC**



**Two terminals with cover**

10/60/50.5 (.39"/2.36"/1.99")

10 (.39")

UL

CSA

VDE

0.8 (7.1)

2.5

**102410**

**102420**

**102430**

**102440**

**103370**

**103330**

Print

Consecutive horizontal FW 5 **473460001**

Consecutive vertical FS 5 **473560001**

See Section 5 for mounting rails, end brackets, additional marking material and accessories

\*Due to low voltage generated by thermocouples, UL does not rate thermocouple blocks.