

Screw Clamp 15 mm DIN-Rail Terminals

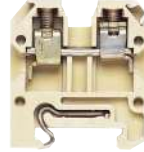
Thermocouple

Weidmüller offers a range of terminal blocks in several configurations to meet your requirements for connecting thermocouple circuitry. These terminal blocks use the same insulation molding as the SAK 2.5, DK 4, and AKZ 4 blocks described elsewhere in this catalog. See those pages for data regarding wire size, dimensions, etc. The current conductors in these terminal blocks are fabricated from thermocouple material. This insures continuity of the thermocouple material throughout the circuit. Current bars are available in chromel, constantan, iron, alumel, and copper. Preassembled units are available for Type E, J, K, and T thermocouples, both with and without shield conductors. The terminals are marked on one side to indicate dissimilar metal (i.e., Chromel (+), Ch.).

Current Bar Identification Numbers*

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

For TS15 Rail



Single-Level Thermocouple Blocks	Type	Part No.
Three pole assemblies – Polyamide		
Type E Chromel (+)/Constantan (-)/shield		
Type J Iron (+)/Constantan (-)/shield		
Type K Chromel (+)/Alumel (-)/shield		
Type T Copper (+)/Constantan (-)/shield		
Two pole assemblies – Polyamide		
Type E Chromel (+)/Constantan (-)		
Type J Iron (+)/Constantan (-)		
Type K Chromel (+)/Alumel (-)		
Type T Copper (+)/Constantan (-)		
One pole blocks – Polyamide		
Chromel (+)	AKZ 4 Ch	911846
Alumel (-)	AKZ 4 Al	911848
Copper (+)	AKZ 4 Cu	911854
Constantan (-)	AKZ 4 Co	911852
Iron (+)	AKZ 4 Fe	911850
One pole blocks – Melamine		
Chromel (+)		
Alumel (-)		
Copper (+)		
Constantan (-)		
Iron (+)		
One pole blocks – Melamine with shield		
Chromel (+)		
Constantan (-)		
Iron (+)		
Double-Level Thermocouple Blocks		
Polyamide		
Chromel (+)/Constantan (-)		
Iron (+)/Constantan (-)		
Chromel (+)/Alumel (-)		
Copper (+)/Constantan (-)		

Mounting (→ TS35 rail: **38340**/End bracket: **38356**)

APPLICATION SPECIFIC
TERMINAL BLOCKS

*Identification number is stamped into the current bar.