## APPLICATION SPECIF

## Screw Clamp 15 mm DIN-Rail Terminals

Thermocouple



For TS15 Rail

Weidmuller 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. Preassembed 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

Single-Level Thermocouple Blocks	Туре	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 AI	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 ( - )			
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Mounting ( - TS35 rail: 38340/End bracket: 38356)