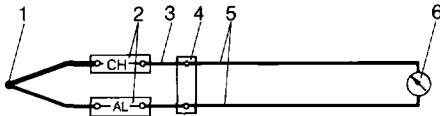


Screw Clamp 32/35 mm DIN-Rail Terminals Thermocouple

Weidmüller **thermocouple terminals** are specially designed to transmit very small voltages in temperature measuring circuits. The current bars are made of the same material as the thermocouple wire which ensures continuity of material increasing the accuracy of the temperature signal.

1. Configuration of a temperature measuring circuit:



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

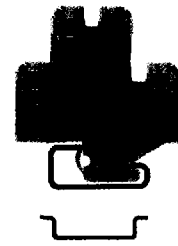
Symbols Thermocouples to DIN 43710

Terminal designation	Trade name of the busbar material
a) Type J Fe (positive leg) CuNi (negative leg)	Iron Constantan
b) Type T Cu (positive leg) CuNi (negative leg)	Copper Constantan
c) Type K NiCr (positive leg) Ni (negative leg)	Chromel Alumel
d) Type E NiCr (positive leg) CuNi (negative leg)	Chromel Constantan

SAK 2.5 TC



DK 4QTC



Dimensions

Width/Lgth/Hgt mm (in.)	6 / 54 / 60.5 (.24" / 2.13" / 2.38")	6 / 54 / 59.5 (.24" / 2.13" / 2.34")
Insul. stripping length mm (in.)	10 (.39")	9 (.35")
Technical data/VDE		
Wire size	2.5mm ²	4mm ²

Ordering data

See page 2/71. See page 2/71.

End plate (thickness mm)



Type	Cat. No.	Type	Cat. No.
PA AP (1.5)	27956	PA AP (1.5)	63136

Partition (thickness mm)



Type	Cat. No.	Type	Cat. No.
PA TW (1.5)	30286	PA TW (Ex)e	105880
Wemid For TS 32 HP		PA TW HP (2.0)	60700

Marking material

Consecutive horizontal	FW 6	468660001	FW 6	468660001
Consecutive vertical	FS 6	468760001	FS 6	468760001

