

Thermocouple Terminal Blocks

Thermocouple



DN-THERM1 (open) – Series: EURO TC - 50 Volt
 DN-THERM2 (open) – Series: EURO TC - 300 Volt
 DN-THERMx (shown closed)

	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
Gray Term Block	DN-THERM1	50	<-->	DN-THERM2	50	<-->
Thermocouple Terminal Blocks Specifications						
UL Approval	50V AC/DC	-*	30-20 AWG	300V	10A	20-16 AWG
Agency File #	UL E179129					
Wire Strip Length	0.79 in (20 mm)					
Tightening Torque	0.875 lb-in (0.099 N-m)					
Operating Temperature	Ambient air temperature: -13°F to 104°F (-25°C to 40°C) Relative humidity: 50% max at 104°F (40°C); 90% max at 68°F (20°C)					
* DN-THERM1 – no assigned amp rating; intended for use with thermocouple wires only						

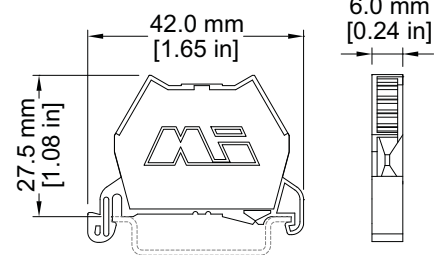
Accessories						
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
End Bracket	DN-EB35	50	<-->			
	DN-EB35MN	20	<-->			
	DN-EB35-A	50	<-->			
	DN-QEB35	50	<-->			
End Cover	included					
Marking Tags	DN-LA or DN-LT series	500/100	various			
Angled Support Bracket	DN-ASB1	50	<-->			
35 mm DIN Rail	DN-R35S1 (7.5 mm) or DN-R35HS1 (15 mm)	10	various			

Thermocouple terminal blocks are designed with only one screw clamp to provide suitable connections to thermocouple sensors.

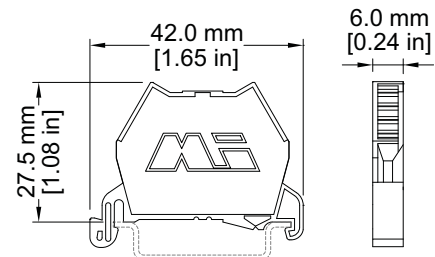
The DN-THERM1 and DN-THERM2 clamping yoke terminal blocks have been designed to accept any type of thermocouple lead connection within their rated wire size ranges. The thermocouple leads are simply stripped of their insulation to 20 mm (0.79"), and then inserted into the terminal block where the two wires overlap.

The leads are clamped together on both sides of the terminal block resulting in an excellent electrical connection to the thermocouple without the need for any other compensation metals/contacts.

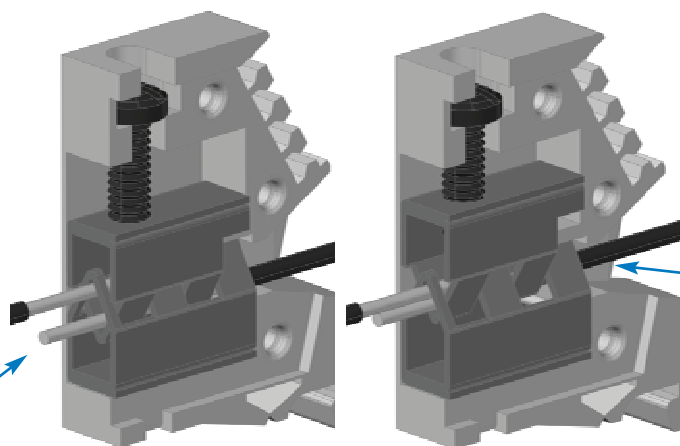
DN-THERM1



DN-THERM2



DN-THERMx operation



Clamping Yoke

Overlap of thermocouple wires allow for universal connections.

For more information on accessories, see the "DINnectors Accessories" section of this chapter.

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- Steppers/Servos
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- Pressure Sensors
- Temp. Sensors
- Pushbuttons/Lights
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