

TEMPERATURE CONTROLLER (TRANSFORMER PROTECTOR)

DMTC2



CE DMTC2 144x144(mm)

FUNCTION

<p><u>Display</u></p> <p>0.56" 4 digits high brightness red LED.</p> <p><u>Measurement</u></p> <p>3Units / 4Units winding temp. The 4th temp is independent. 3 Phase Winding temp / Avg temp / Max temp</p> <p><u>Control</u></p> <p>3 stage protections for over temperature. Alarm / Fan / Trip. Drive two 20 A fans directly.</p> <p><u>Time-setting for fan operation</u></p> <p>The cycle of the fan operation is 0-255 hours The duration of the fan operation is 0-255 minutes Manual mode for fan operation: Press the panel key to start and stop.</p>	<p><u>Alarm</u></p> <p>Built-in high decibel buzzer with silent button on the panel. With 1 additional alarm relay.</p> <p><u>Circuit protection</u></p> <p>When circuit has problems, fan will run to lower the temperature.</p> <p><u>Burnout alarm and protection</u></p> <p>When the sensor burnouts or malfunctions ,alarm will activate, but won't cause trip</p> <p><u>Output</u></p> <p>High isolation ability. DC 4-20mA (Optional) RS-485 Modbus RTU(Optional)</p>
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TYPE SELECT

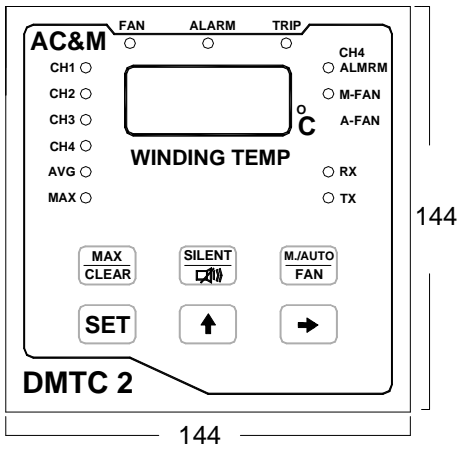
MODEL	Input Signal		Output Signal		Aux. Power	
DMTC2	A	3Units PT-100Ω 3 Wire	A	DC 4~20mA	A	AC 100/220V
	B	4Units PT-100Ω 3 Wire	B	RS-485 Modbus RTU		
	Y	Other	Q	DC 4~20mA + RS 485 Modbus RTU		
			N	None		
			Y	Other	Y	Other

SPECIFICATION

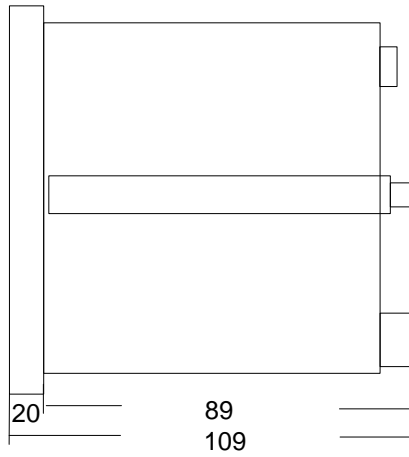
<p>Accuracy : ±1℃</p> <p>Measuring : PT100Ω 3Wire</p> <p>Display range : 0.56" 4 digits red LED Range:-100.0 ~ 400.0 Resolution 0.1℃</p> <p>Response time : ≤1 sec</p> <p>Analog output : Current output : > 350Ω at 20Ma</p> <p>Digital output : Isolating type, with RS-485 output with 32 connections : Baud rate: 1200,2400,4800,9600,19200,38400</p> <p>Setting range : 0 ~ 999.9 Counts (With Fan / Alarm / Trip functions)</p> <p>SPDT capacity : SPDT AC 120V 5A, 250V 3A, DC 24V 3A</p> <p>Stability : ≤ 0.5℃ year</p>	<p>Temp coefficient : ≤ 100ppm / °C From 0 ~ 60℃ ≤ 50ppm/25℃±5℃</p> <p>CE certificate : EN 61326-1, EN 61000-3-2, IEC 61000-4</p> <p>Operating condition : -20~ +85℃ 20~95% RH Non-condensed</p> <p>Storage condition : -40~ +100℃ 20~95% RH Non-condensed</p> <p>Power supply : ±20%, 50 / 60Hz.</p> <p>Outline dimension : 144W* 144H * 109D (mm).</p> <p>Cutout dimension : 135W * 135H (mm).</p> <p>Mounting : Panel flush</p>
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DIMENSIONS AND CONNECTION

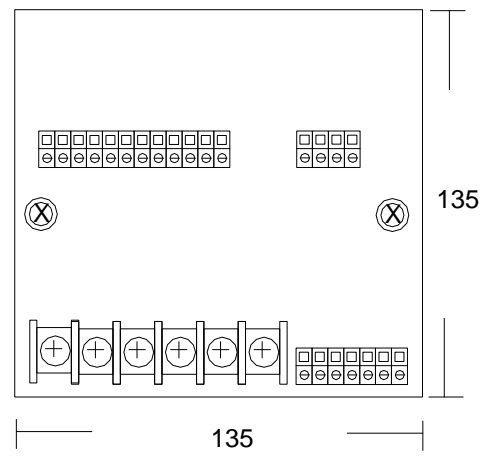
Front-view



Side-view



Cut-out



TERMINAL CONNECTION

