

Single-Loop Controllers

F.O.B.: Winona, Minnesota

Accessories

The following accessories and replacement parts are available to enhance the application and service of Watlow temperature controllers.

To order, simply identify the specification of the desired part and use its code number.

Consult your Watlow representative for availability.

Current Transformers

Code No.	Current Ratio
Current Transformer	
16-0246 ^①	0 to 50 amps: 0 to 50mA
16-0008 ^②	75 amp: 5 amp
16-0044	100 amp: 5 amp
16-0072	125 amp: 5 amp
16-0008	150 amp: 5 amp
16-0045	200 amp: 5 amp
16-0073	300 amp: 5 amp
Interstage Transformer	
16-0176	5 amp: 20mA

Note: An interstage transformer (code no. 16-0176) is required with any current transformer rated 75 amps or above.
^①Superceeds code numbers 16-0230, 16-0231, 16-0232, 16-0233.
^②Use two wire passes through the current transformer 16-0008 for 75 amp applications.

Panel Mount Adapter Plates

Panel mount adapter plates provide a convenient, cost saving way to modify existing controller panels. Available in popular DIN and non-DIN sizes, adapter plates make changing out old, larger size temperature controllers with more sophisticated, compact controllers easy. Simply complete the build-a-code with the specifications you require.

Ordering Information

To order, complete the code number to the right with the information below:

Adapter plates to reduce panel cutout size. **0 2 1 6 - 0 8 - P 0 0**

Adapter Plate Size and Configuration

- 65 = ¼ DIN to single/horizontal or vertical ¼ DIN
- 66 = ¼ DIN to single ¼₁₆ DIN
- 95 = ¼ DIN to single/horizontal ¼₃₂ DIN
- 96 = ¼ DIN to dual/ horizontal ¼₃₂ DIN
- 67 = Vertical ¼ DIN to ¼₁₆ DIN
- 97 = Vertical ¼ DIN to single horizontal ¼₃₂ DIN
- 98 = Vertical ¼ DIN to dual horizontal ¼₃₂ DIN
- 99 = Horizontal ¼ DIN to horizontal ¼₃₂ DIN
- 85^① = 95 x 170 mm (3.75 in. x 6.75 in.) blank plate/no cutout
- 86^① = 95 x 170 mm (3.75 in. x 6.75 in.) to dual ¼₁₆ DIN
- 87^① = 95 x 170 mm (3.75 in. x 6.75 in.) to single ¼₁₆ DIN
- 88^① = 95 x 170 mm (3.75 in. x 6.75 in.) to single ¼₁₆ DIN

Finish

- 2 = Black anodize
- 3 = Stainless steel

^①Available in stainless steel finish only.

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Replacement Parts

Description	Code No.
SERIES 981/2/3/4/6/7/8/9	
Mounting collar	0822-0438-0000
Mounting bracket	Z100-0636-0000
Protective terminal cover	0822-0444-0000
Internal bezel gasket	0830-0425-0000
Case gasket	0830-0424-0000
Electromechanical relay ^①	0003-0103-0000
Solid state relay ^①	0842-0164-0000
Quencharc [®] RC suppressor	0804-0147-0000
Noise Suppression Devices	
MOV, 150V~(ac), 20 joule	0802-0273-0000
Quencharc [®] RC suppressor	0804-0147-0000

^①Solder-in part. Solder-in parts require opening the controller and soldering the component into the circuit board. **Note:** opening the controller for installation *will void warranty!* To retain warranty protection, Watlow Winona can install component. Consult factory for details.

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