



Small Thermostats For Enclosure Heaters, DIN Rail Mounted

Applications

N.C. Adjustable Thermostat (red temperature dial):

Thermostat opens on temperature rise. Uses may include regulating heaters or switching signal devices when temperature has fallen below the setpoint value.

N.O. Adjustable Thermostat (Blue temperature dial):

Thermostat closes on temperature rise. Uses may include regulating heat exchangers, filter fans or switching signal devices when temperature exceeds the

setpoint value.

Features

- Compact design
- Wide adjustment range
- Color coded temperature dials
- DIN rail mounting



011409-00 and 011469-00



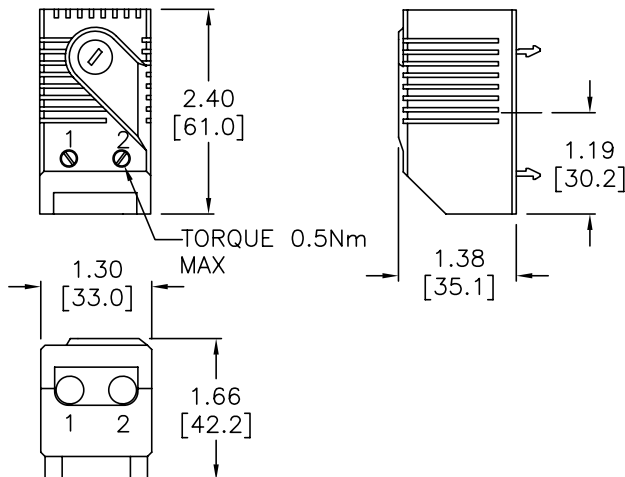
011419-00 and 011479-00

Part Number	Price	Contact	Setting Range
011409-00	\$15.25	N.C.	+32° to 140°F
011469-00	\$15.25	Open on rise	0° to 60°C
011419-00	\$15.25	N.O.	+32° to 140°F
011479-00	\$15.25	Close on rise	0° to 60°C

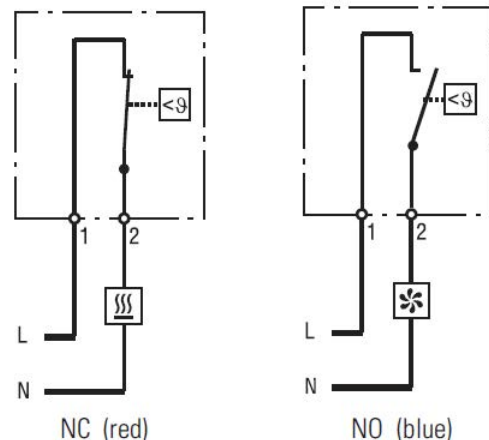
Small Thermostats (DIN Rail Mounted) Specifications	
Switching Difference	12.6°F ±7°F tolerance (7K ± 4K)
Sensor Element	Thermostatic bimetal
Contact Type	Snap-action contact
Contact Resistance	<10 mΩ
Service Life	>100,000 cycles
Max. Switching Capacity	15 A resistive / 2A inductive @ 120 VAC; 10 A resistive / 2A inductive @ 250 VAC; DC 30 W (24-72 VDC)
Max. Inrush Current	AC 16 A for 10 sec.
Minimum Load	20 mA (all voltages)
Connection	2-pole terminal, clamping torque 0.5 Nm max.; solid wire - 14 AWG max. (2.5 mm ²); stranded wire (with wire end ferrule) - 16 AWG (1.5 mm ²)
Housing	Plastic, UL 94V-0, light gray
Mounting	Clip for 35 mm DIN rail, EN 60715
Mounting Position	Vertical
Operating / Storage Temperature	-49° to 176°F (-45° to 80°C)
Weight	0.09 lb (40 g)
Protection Type	IP20
Approvals	CE, CSA, UL Recognized File No. E164102, RoHS compliant

Dimensions

Inches [mm]



Wiring Diagrams:





Tamperproof Thermostats for Enclosure Heaters, DIN Rail Mounted



011600-00 (Red)



011610-02 (Blue)



011630-00

Applications

N.C. Thermostat (red modules):

Tamperproof (pre-set) N.C. Thermostat that opens on temperature rise. Uses may include regulating heaters or switching signal devices when temperature has fallen below the minimum value.

N.O. Thermostat (blue modules):

Tamperproof (pre-set) N.O. Thermostat that closes on temperature rise. Uses may include regulating heat exchangers, filter fans, cooling devices or switching signal devices when temperature exceeds the maximum value.

Features

- Compact design
- Fixed set points
- Color coded modules
- DIN rail mounting



Tamperproof Thermostats (DIN Rail Mounted) Specifications		
Model	011600-00, 011600-01 and 011610-02	011630-00 and 011640-00
Sensor Element	Thermostatic bimetal	
Contact Type	Snap-action Contact	
Contact Resistance	<20 mΩ	
Service Life	>100,000 cycles	
Max. Switching Capacity	10 A resistive / 2A inductive @ 120 VAC; 5A resistive / 1.6 A inductive @ 240 VAC; DC 30 W (24-72 VDC)	
Max. Inrush Current	AC 16 A for 10 sec.	
Minimum Load	20 mA (all voltages)*	
Connection	2-pole terminal for 14 AWG max. (2.5 mm ²), torque 0.8 Nm max.	4-pole terminal for 14 AWG max. (2.5 mm ²), torque 0.8 Nm max.
Housing	Plastic, UL 94V-0, light gray	
Mounting	Clip for 35 mm DIN rail, EN 60715	
Mounting Position	Vertical	
Operating Temperature	-40° to 176°F (-40° to 80°C)	
Storage Temperature	-49° to 176°F (-45° to 80°C)	
Weight	0.05 lb (23 g)	0.08 lb (40 g)
Protection Type	IP20	
Approvals	CE, UL Recognized File No. E164102, RoHS compliant	

**Not recommended for low current draw applications in humid or vibrating conditions.*

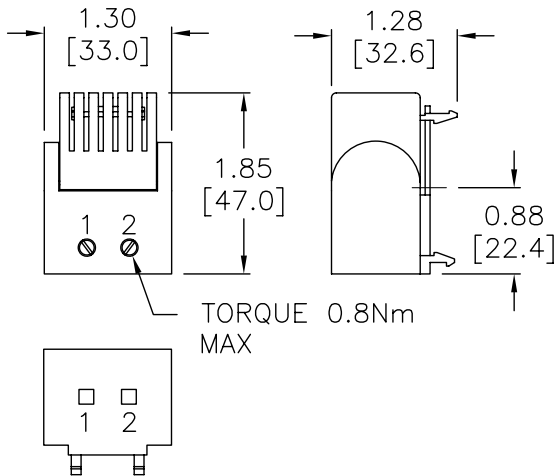
Type	Part Number	Price	Contact		Temperature	
			Type	Action	Switch-off	Switch-on
Single Thermostat	011600-00	\$12.00	N.C.	Open on rise	59 ± 9°F (15 ± 5°C)	41 ± 9°F (15 ± 5°C)
	011600-01	\$12.00			77 ± 9°F (25 ± 5°C)	59 ± 9°F (15 ± 5°C)
	011610-02	\$12.00	N.O.	Close on rise	95 ± 11°F (35 ± 6°C)	77 ± 12.6°F (25 ± 7°C)
Dual Thermostats	011630-00	\$22.50	N.C.	Open on rise	59 ± 9°F (15 ± 5°C)	41 ± 9°F (15 ± 5°C)
			N.O.	Close on rise	122 ± 11°F (50 ± 6°C)	104 ± 12.6°F (40 ± 7°C)
	011640-00	\$22.50	N.O.		Close on rise	140 ± 11°F (60 ± 6°C)
			N.O.			

Note: Tolerance is plus or minus (±) the specified number.

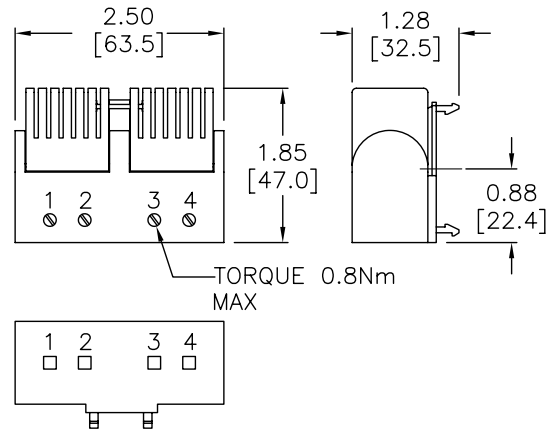
Tamperproof Thermostats for Enclosure Heaters, DIN Rail Mounted (continued)

Dimensions

011600-00, 011600-01 and 011610-02
Inches [mm]

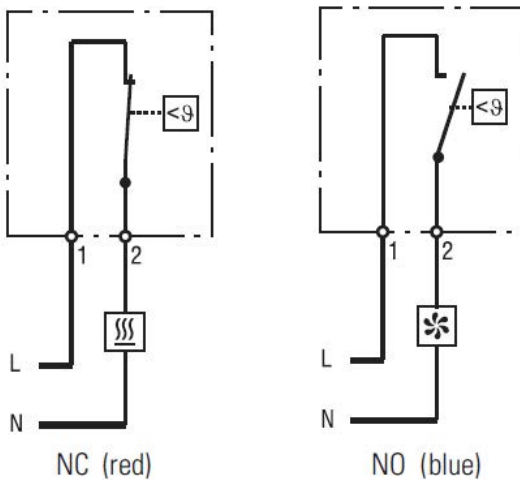


011630-00 and 011640-00
Inches [mm]



Wiring Diagrams

011600-00, 011600-01, 011610-02, 011630-00 and 011640-00





Dual Thermostats for Enclosure Heaters, DIN Rail Mounted

Applications

This unit houses two separate thermostats, allowing independent control of heating, cooling or other equipment.

The N.C. thermostat (red dial) opens on temperature rise and the N.O. thermostat (Blue dial) closes on temperature rise. Some uses for the N.C. thermostat may include regulating heaters or switching signal devices. Uses for the N.O. thermostat may include regulating heat exchangers, filter fans

or switching signal devices.

Features

- N.C. / N.O. in one unit
- Compact design
- Separate adjustable temperatures
- Color coded temperature dials
- DIN rail mounting



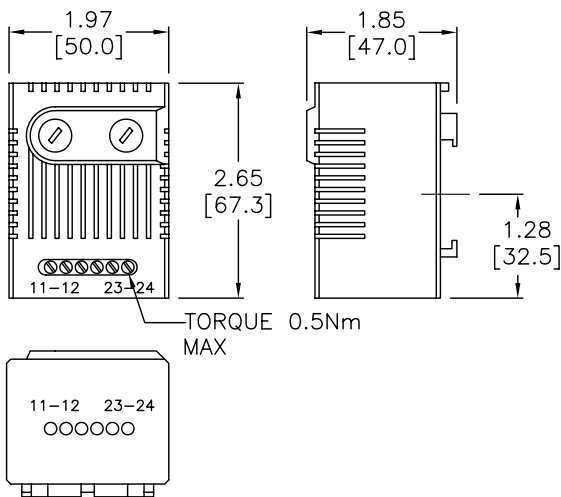
011729-00 and 011720-01

Part Number	Price	Setting Range
011720-00	\$30.25	0° to 60°C
011720-01	\$30.25	32° to 140°F

Dual Thermostats (DIN Rail Mounted) Specifications	
Switching Difference	12.6°F ±7°F tolerance (7K ± 4K)
Sensor Element	Thermostatic bimetal
Contact Type	Snap-action contact
Contact Resistance	<10 mΩ
Service Life	>100,000 cycles
Max. Switching Capacity	NC: 10 A resistive / 2A inductive @ 120 VAC; NO: 5A resistive / 2A inductive @ 250 VAC; DC 30 W (24-72 VDC)
Max. Inrush Current	AC 16 A for 10 sec.
Minimum Load	20 mA (all voltages)
Connection	4-pole terminal, clamping torque 0.5 Nm max.; solid wire - 14 AWG max. (2.5 mm ²); stranded wire (with wire end ferrule) - 16 AWG (1.5 mm ²)
Housing	Plastic, UL 94V-0, light gray
Mounting	Clip for 35 mm DIN rail, EN 60715
Mounting Position	Vertical
Operating / Storage Temperature	-49° to 176°F (-45° to 80°C)
Weight	0.2 lb (90 g)
Protection Type	IP20
Approvals	CE, CSA, UL Recognized File No. E164102, RoHS compliant

Dimensions:

Inches [mm]



Wiring Diagram

