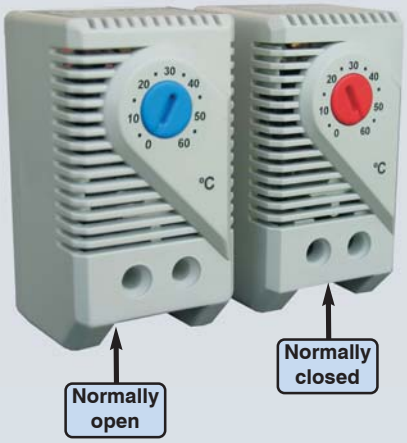
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HEATING & COOLING INSTRUMENTS

Small thermostat - Series KT011



Quick Features :

- Compact design
- Wide adjustment range
- Available with °C or °F scale
- Color coded temperature dials
  - Normally closed thermostats have a red temperature dial
  - Normally open thermostats have a blue temperature dial
- DIN rail mountable
- UL, cUL, CSA, CE

Technical Data :

Sensor element :	Thermostatic bi-metal
Temperature range :	0°C-60°C (32°F-140°F)
Maximum tolerance :	±4K (7.2°F)
Switching difference :	7°C±3K (12.6°F±5.4°F)
Switching capacity :	15A resistive / 2A inductive @ 120V AC 10A resistive / 2A inductive @ 250V AC
Interference suppression :	N (VDE 0875)
Connection :	2 pole terminal for AWG 14 max. (2.5mm²)
Mounting :	Clip for Eurobex 880 TS35 DIN rail
Protection type :	IP20

CATALOG NUMBER	CONTACT TYPE	SCALE (°C or °F)	HOUSING	DIMENSIONS (H X W X D)	SHIPPING WEIGHT
01146.9-00	Normally closed	0°C-60°C	Plastic (UL94V-0)	2.4"X1.3"X1.4"	1
01147.9-00	Normally open	0°C-60°C	Plastic (UL94V-0)	2.4"X1.3"X1.4"	1
01140.9-00	Normally closed	32°F-140°F	Plastic (UL94V-0)	2.4"X1.3"X1.4"	1
01141.9-00	Normally open	32°F-140°F	Plastic (UL94V-0)	2.4"X1.3"X1.4"	1

Thermostat - Series FZK011



Quick Features :

- Wide adjustment range
- Available with °C or °F scale
- Change-over, snap-action contact
- Available for 120V AC or 230V AC
- An integrated resistor (RF) can be additionally connected to increase accuracy when the thermostat is used with a heater.
- DIN rail mountable
- CE

Technical Data :

Sensor element :	Thermostatic bi-metal
Temperature range :	10°C-60°C (50°F-140°F)
Switching difference :	~4K (7.2°F), ~0.5K (1°F) with RF
Switching capacity :	Break contact 10A res./4A ind. @ 250V AC Make contact 5A res./2A ind. @ 250V AC
Interference suppression :	N (VDE 0875)
Connection :	4 pole terminal for AWG 14 max. (2.5mm²)
Mounting :	Clip for Eurobex 880 TS35 DIN rail
Protection type :	IP20

CATALOG NUMBER	VOLTAGE (See note)	SCALE (°C or °F)	HOUSING	DIMENSIONS (H X W X D)	SHIPPING WEIGHT
01170.9-01	120V AC	10°C-60°C	Plastic (UL94V-0)	2.64"X1.97"X1.5"	1
01170.0-00	230V AC	10°C-60°C	Plastic (UL94V-0)	2.64"X1.97"X1.5"	1
01170.9-00	120V AC	50°F-140°F	Plastic (UL94V-0)	2.64"X1.97"X1.5"	1
01170.0-01	230V AC	50°F-140°F	Plastic (UL94V-0)	2.64"X1.97"X1.5"	1

*** Note : Voltage only needs to be specified if optional use of RF resistor is desired.**

Data subject to change without notice.

Dual thermostat - Series ZR011



Quick Features :

- Two thermostats in one unit
  - One normally closed (NC) thermostat
  - One normally open (NO) thermostat
- Each thermostat has a wide adjustable temperature range
- Thermostat dials are color coded for easy recognition
- Available with °C or °F scale
- DIN rail mountable
- UL, cUL, CSA, CE

Technical Data :

Sensor element :	Thermostatic bi-metal
Contact type :	Snap-action contact
Switching difference :	7°C±4K (12.6°F±5.4°F)
Switching capacity :	15A resistive / 2A inductive @ 120V AC 10A resistive / 2A inductive @ 250V AC
EMI conformity :	EN55014-1 u.2, EN61000-3-2/A14, EN61000-3-3
Connection :	4 pole terminal for AWG 14 max. (2.5mm²)
Mounting :	Clip for Eurobex 880 TS35 DIN rail
Housing :	Plastic (UL94V-0)
Protection type :	IP20

CATALOG NUMBER	TEMPERATURE RANGE NORMALLY CLOSED	TEMPERATURE RANGE NORMALLY OPEN	DIMENSIONS (H X W X D)	SHIPPING WEIGHT
01172.0-00	0°C-60°C	0°C-60°C	2.6"X2.0"X1.8"	1
01175.0-00	-10°C-50°C	20°C-80°C	2.6"X2.0"X1.8"	1
01172.0-01	32°F-140°F	32°F-140°F	2.6"X2.0"X1.8"	1
01175.0-01	14°F-122°F	68°F-176°F	2.6"X2.0"X1.8"	1

Electronic hygrostat - Series ETF012



Quick Features :

- Controls both temperature and humidity
- Available with °C or °F scale
- High switching capacity
- Optical function displays (LED light)
- DIN rail mountable
- UL, cUL, CE

Technical Data :

Temperature range :	0°C-60°C (32°F-140°F)
Switching difference :	~2K (3.6°F)
Humidity range :	50% - 90% RH adjustable
Response time :	~160 seconds
Contact type :	Change-over contact
Switching capacity :	NC, 120V: 6A resistive, 1A inductive NO, 120V: 8A resistive, 1.6A inductive NC, 240V: 6A resistive, 1A inductive NO, 240V: 8A resistive, 1.6A inductive
Service life :	100,000 cycles
Mounting :	Clip for Eurobex 880 TS35 DIN rail
Connections:	5-pole terminal for AWG 14 max (2.5mm²)
Protection type :	IP20

CATALOG NUMBER	VOLTAGE	SCALE (°C or °F)	HOUSING	DIMENSIONS (H X W X D)	SHIPPING WEIGHT
01230.9-01	120V AC	0°C-60°C	Plastic (UL94V-0)	3.03"X2.36"X1.69"	1
01230.0-00	230V AC	0°C-60°C	Plastic (UL94V-0)	3.03"X2.36"X1.69"	1
01230.9-00	120V AC	32°F-140°F	Plastic (UL94V-0)	3.03"X2.36"X1.69"	1

Note: The above are new versions of the ETF012, which replace the discontinued 01202.9-00, 01203.9-00 and 01200.9-00.

Data subject to change without notice.