

Fix Thermostat, EFR



This fixed temperature thermostat, EFR, with either a normally open (NO) or normally closed (NC) contact is used to control installed devices, such as filer fans or fan heaters, to turn on or off when required. The result is a reduction of operational cost. A pre-set temperature limit prevents unauthorised personnel from tampering with the thermostat.

INDUSTRY STANDARDS

cRUus_UL

CE

EAC

FEATURES

Description: Pre-set thermostats to manage temperature in panels. Sensor element thermostatic bimetal. Red one (EFR202) with a normally closed contact for regulating heaters. Blue one (EFR201) with a normally opened contact for regulating cooling devices or signal devices. Mounting clip for 35 mm DIN rail (EN 60715).

Material: Plastic according to UL94 V-0.

Switch capacity: 250V AC, 5 (1.6) A. 120 V AC, 10 (2) A. 24 V DC, 30 W. Value in brackets for inductive load. Max. starting current of 16 A (AC) for 10 seconds.

Operating temperature: -40 °C to +80 °C.

Service life: > 100,000 cycles.

Connection: 2 pole terminal for 2.5 mm², torque 0.8 Nm max.

Protection: IP 20.

Approvals: CE, EAC, cULus_UL Listed.

Finish: Light grey.

Pack quantity: 1 piece.

The installed devices, such as filter fans or fan heaters, automatically turn on or off when they are required, which reduces the operational cost of the control panel

The pre-set temperature limit, avoids tampering by unauthorised personnel

The thermostat with a normally open contact (EFR201), is used to control cooling or high temperature alarms, and the thermostat with a normally closed contact (EFR202), is used to control heating

Description: EFR201 - Normally opened contact; EFR202 - Normally closed contact

SPECIFICATIONS

Table 1/1						
Catalog Number	Height	Width	Depth	Material	Finish	Color
EFR201	47mm	33mm	33mm	Plastic	Smooth	Light Gray
EFR202	47mm	33mm	33mm	Plastic	Smooth	Light Gray

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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