ST-EFRE

Economy Capillary Frost Thermostats





Features & Benefits

- Easy adjustment of setpoint
- Setting indicator
- IP65 option
- Universal mounting
- Volt Free Contacts

Technical Overview

The ST-EFRE range of frost thermostats provide a switch output based on the average temperature detected along a two or six metre capillary sensor. A common application is for frost protection on fresh air intakes or airconditioning systems, to prevent the icing up of filters, fans and coils. The capillary is fixed in a matrix across the duct, in a position downstream of the pre-heater or frost coil.

Specification

Capillary charge	Vapour
Capillary material	Copper
Capillary Max. temp	120°C
Control range	-30 to +15°C
Differential	2 to 10°C
Dimensions	6m x 2.5mm dia.
Housing dimensions	84 x 72 x 44.5mm
Housing Material	ABS
Protection	IP44
Switch rating	230Vac @10A 24Vdc @0.05A
Weight	400g

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Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 31/10/25

Related Product Codes

ST-EFRE-1	Economy Capillary Frost Stat Auto Reset 6M
ST-EFRE-1-IP65	Economy Capillary Frost Stat Auto Reset 6M IP65
ST-EFRE-3	Economy Capillary Frost Stat Auto Reset 2M
ST-EFRE-3-IP65	Economy Capillary Frost Stat Auto Reset 2M IP65
ST-FRE-1	Capillary Frost Stat Auto Reset 6M
ST-FRE-1-IP65	Auto Reset 6m Capillary IP65
ST-FRE-2	Capillary Frost Stat Manual Reset 6M
ST-FRE-2-IP65	Manual Reset 6m Capillary IP65
ST-FRE-3	Capillary Frost Stat Auto Reset 2M
ST-FRE-3-IP65	Capillary Frost Stat Auto Reset 2M IP65
ST-FRE-4	Capillary Frost Stat Manual Reset 2M
ST-FRE-4-IP65	Capillary Frost Stat Manual Reset 2M IP65

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