



# TS-ST-FRE Series

Flexible Duct Averaging Low Limit Thermostats (SPDT)



## Overview

The TS-ST-FRE Series Flexible Duct Averaging Low Limit Thermostats (SPDT) provides a switch output based on the average temperature detected along a 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.

## Applications

- Used as a high limit control when a “lock-out” type control is desired or required by local code

## Features & Benefits

- Easy adjustment of setpoint
- Setting indicator
- Pre-set thermostats to speed commissioning time

## Model Selection

TS-ST-FRE1	Capillary Frost Thermostats, 6m. capillary, auto reset
TS-ST-FRE2	Capillary Frost Thermostats, 6m. capillary, manual reset

# Product Specifications

Control Range	-30 to +10°C
Differential	2 to 16°C
Switch Rating	230 VAC @ 24 (10) A 24 Vdc @ 3A
Housing Material	ABS
Housing Dimensions	86 x 75 x 44 mm
Capillary	Material: Copper Charge: Vapour Max. temp. 150°C
Dimensions	6m x 1.8mm diameter
Protection	IP44
Weight	476 g

Note: Includes six capillary fixing clips.