

SERIES TSDIN | DIN RAIL MOUNT TEMPERATURE SWITCH

FEATURES/BENEFITS

- 3 temperature probe inputs
- Real-time clock used for HACCP logging of temperature limit alarms or loss of power
- Intelligent Defrost parameters manage defrost cycle in order to save energy cost

APPLICATIONS

- Refrigerated cabinets
- Walk in coolers
- Applications requiring defrost cycles

DESCRIPTION

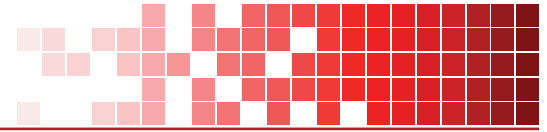
The **SERIES TSDIN** Rail Mount Temperature Switch is ideally designed to control compressor, defrost, and fan cycles in refrigeration applications. The digital input can be used to remotely trigger a defrost cycle, monitor cooler door status, or act as an external alarm. Three other probe inputs measure cabinet, defrost, and product temperature. Programming performed on the 6 button keypad or with the Model TS2-K configuration key.



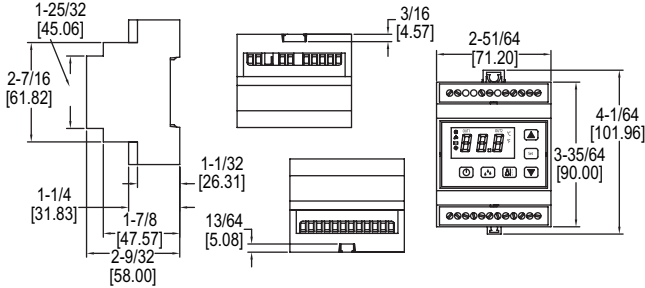
SPECIFICATIONS

Probe Range	PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).
Input	PTC/NTC.
Output	Output 1: SPST relay rated 16A @ 240 VAC resistive, 10 FLA, 60 LRA, 1HP @ 240 VAC inductive; Output 2: SPDT relay rated 8A @ 240 VAC resistive; Output 3: SPST relay rated 8A @ 240 VAC resistive; Output 4: SPDT relay rated 8A @ 240 VAC resistive; Output 5: SPST relay rated 16A @ 240 VAC resistive, 10 FLA, 60 LRA, 1HP @ 240 VAC inductive.
Control Type	On/off.
Power Requirement	115 VAC, 230 VAC, 12 VAC/VDC, 24 VAC/VDC (±10% depending on model).
Power Consumption	6 VA.
Accuracy	Better than 1% of full-scale.
Display	3-digits plus sign.
Resolution	0.1°.
Memory Backup	Non-volatile memory.
Temperature Limits	Operating: 32 to 131°F (0 to 55°C); Storage: -4 to 176°F (-20 to 80°C).
Weight	10.8 oz (306 g).
Agency Approvals	CE, cURus.

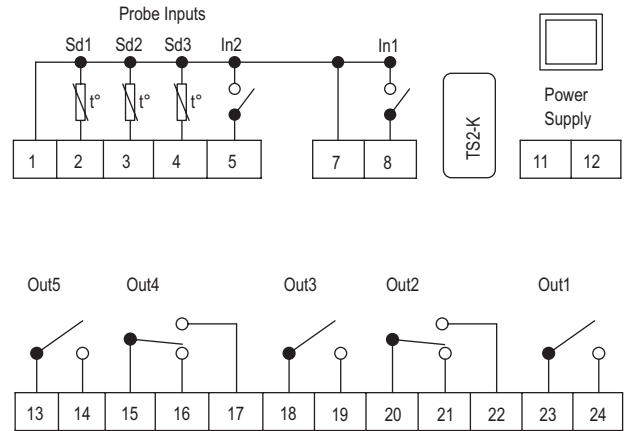




DIMENSIONS

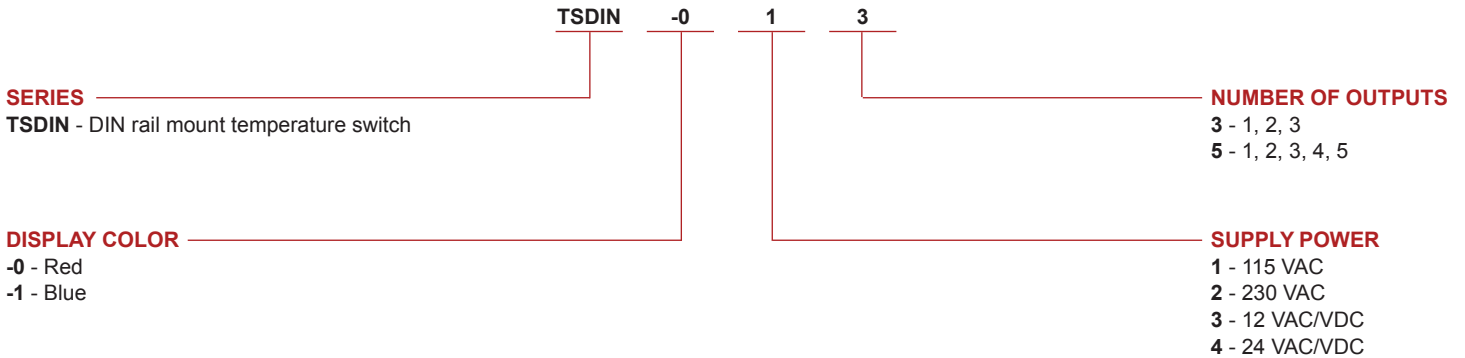


WIRING DIAGRAM



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.



ACCESSORIES

Model	Description
Series TS-PROBES	Digital temperature switch probes and accessories

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