

SECONDARY OVERFLOW SWITCHES

Submittal Information

Part No 50001-50003
Document No. SPEC50001
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Revision 01

General Properties

Material: PVC
Color: White
Cord Length: 72"
Carry Capacity: 1.25 Amp
Voltage: 24 Volts (AC)
Wire Gauge: 18 AWG
Switch: Magnetic reed switch
Connection: Red or yellow wire

Specification

Item No.	Specifications	U/M	Std. Pkg.
50001	CLIP-ON CONDENSATE OVERFLOW SWITCH	EA	24
50002	MODEL ELL CONDENSATE OVERFLOW SWITCH	EA	24
50003	MODEL T CONDENSATE OVERFLOW SWITCH	EA	24

Application

In heating, ventilation, and air conditioning (HVAC) systems, these liquid level switches monitor the condensate drain line. When a blockage is detected, they will shut off the system to prevent water overflow and subsequent property damage.

Features

- Efficiently detects clogged A/C condensate drains.
- Magnetic reed switch.
- Designed for horizontal, vertical, or clip-on placement.
- Connect to either red or yellow wire.
- Easy to Install, Service and clean.



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Components list

No. 50001

- ① Stainless Steel Clip/Bracket
- ② 72", 18AWG Cables (Pre-wired/ Potted)
- ③ Electrically Potted Reed/Magnet Switch Assembly

Design Specifications

- Minimum Pan Depth: 1-1/2" Adjusts for deeper pans
- Sensitivity: 1/4" rise in float opens switch
- Potted, water sealed reed/Magnet switch design
- 1.25 A carry capacity
- 24 V A/C Class 2

No. 50002

- ① 72", 18AWG Cables (Pre-wired/ Potted)
- ② Electrically Potted Switch/Cap Assembly
- ③ 1" x 3/4" SLIP EL
- ④ 3/4" SLIP x 3/4" NPT SCH 40 PVC Adaptor Fitting

Design Specifications

- Potted, electrically water-sealed reed/Magnet switch design
- SCH 40 PVC plastic components
- 1.25 A switching capacity
- 24 V

No. 50003

- ① 3/4" NPT x 3/4" SLIP PVC Adaptor
- ② 3/4" x 1" SLIP PVC Bushing
- ③ 1" x 3/4" x 1" SLIP Tee (SCH 40/PVC 1)
- ④ 72", 18AWG Cables (Prewired/Potted)
- ⑤ Electrically Potted Switch/Cap Assembly
- ⑥ 3/4" SLIP Plug for Close Coupled Applications

Design Specifications

- Potted, water-sealed reed/magnet switch design
- SCH 40 PVC plastic components
- 2.5 A carry capacity
- 1.25 A switching capacity

