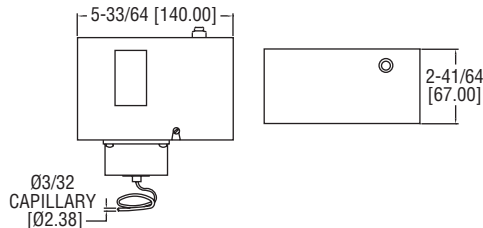




# LOW LIMIT FREEZE PROTECTION SWITCH

Manual and Auto Reset, DPDT Output



The **SERIES DFS** Low Limit Freeze Protection Switch protects cooling coils in air handler systems by sensing frost build up on the coils.

## FEATURES/BENEFITS

- DPDT switch feedback
- Setpoint as low as 34°F(1°C)
- Mounting clips included

## APPLICATIONS

- Cooling coil frost monitoring
- HVAC systems

## MODEL CHART

Model	Reset Action	Capillary Length
DFS-DM20	Manual	20' (609 cm)
DFS-DA20	Automatic	20' (609 cm)
DFS-DM10	Manual	10' (305 cm)
DFS-DA10	Automatic	10' (305 cm)

## SPECIFICATIONS

**Wetted Material:** Vapor-filled copper capillary, tin-plated, 10' or 20'.

**Housing Material:** Plated steel case, painted steel cover, plastic set point window.  
**Temperature Limit:** Operating: -60 to 160°F (-51 to 71°C); Sensing element: 300°F (149°C) max.

**Switch Type:** DPDT snap acting.

**Electrical Ratings:** Inductive: 14 FLA, 84 LRA, 3/4 hp @ 120 VAC; 12 FLA, 72 LRA, 2 hp @ 240 VAC; Pilot Duty: 720 VA max. @ 120 to 600 VAC; 144 VA max. @ 24 VAC.

**Reset Action:** Manual or automatic.

**Adjustable Range:** 34 to 70°F (1 to 21°C).

**Deadband:** 4.5°F (2.5°C), fixed.

**Agency Approvals:** cULus.