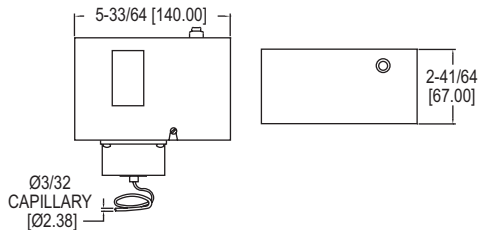
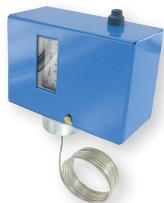


**Dwyer**

SERIES DFS

# 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
<b>DFS-DM20</b>	Manual	20' (609 cm)
<b>DFS-DA20</b>	Automatic	20' (609 cm)
<b>DFS-DM10</b>	Manual	10' (305 cm)
<b>DFS-DA10</b>	Automatic	10' (305 cm)

**SPECIFICATIONS**

**Wetted Material:** Vapor-filled copper capillary, 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.