

F63 Series

Liquid Level Float Switch

Description

The F63 can be wired to close one circuit and open another circuit when liquid level rises above or falls below the required level. The F63AC-1 has a NEMA1 general purpose enclosure. The F63BF-1 has a NEMA 3R raintight enclosure. Not for use with hazardous fluids or in hazardous atmosphere.

Features

- SPDT snap-acting switch
- rugged steel enclosure

Applications

This switch is designed for liquid level control for open and closed tanks and sumps.

Accessories

A replacement float is available, **FLT12A-600R** (Copper).

Technical Specifications

Electrical Ratings

Motor Ratings	120 VAC	208 VAC	240 VAC	277 VAC
Horsepower	1	1	1	—
AC Full Load A	16.0	8.8	8.0	—
AC Locked Rotor A	96.0	52.8	48.0	—
Non-Inductive or Resistance Load A	16	16	16	16
Pilot Duty – 125 VA, 24/277 VAC				



F63AC-1

Selection Chart

Code Number	Switch Action	Type of Enclosure	Liquid Temperature °F (°C)		Max Ambient Temp °F (°C)	Float Material	Max Liquid Pressure psig (kPa)
			Max	Min			
F63AC-1C	SPDT	General Purpose NEMA 1	250 (121)	32 (0) ¹	180 (40)	Copper	100 (690)
F63BF-1C		Vaportight/ Raintight NEMA 3R		-20 (-29) ²		Solid Poly	
F63EC-1C		General Purpose NEMA 1		32 (0) ³			
F63FF-1C		Vaportight/ Raintight NEMA 3R		-20 (-29) ⁴			

1. or Ambient Dew Point
2. or Liquid Freezing Point
3. or Ambient Dew Point
4. or Liquid Freezing Point