



F59 Series Sump Pump Switch Catalog Page

LIT-1922325

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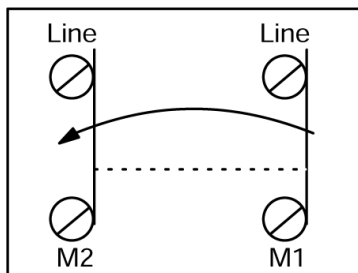
Description

The F59 Series Controls are designed to start an electric motor on liquid level rise and stop the motor on liquid level drop. The control cuts in when upper weight is submerged approximately halfway, and cuts out when lower weight is approximately half-exposed. Each switch includes 36 in. cable and two weights.

Refer to the *F59 Series Liquid Level Switch for Sump Operations Product Bulletin (LIT-125215)* for important product application information.

Figure 1: F59 Series Action Diagram

Type F59A, F59H



Action on Rise
in Liquid Level

f59 eps

Features

F59D-5 is equipped with a power cord and a piggyback style plug. The external prongs plug into the wall outlet, and the sump pump cord plugs into the internal end of the plug.

Applications

Use for On/Off control of sump pumps.

F59A, F59H



Selection Charts

Product Code Number	Contact Action	Mounting	Range Adjuster
F59A-1C	Double-Pole, Single-Throw (DPST)	External mounting bracket	Drop cord wiring
F59A-2C	DPST	External mounting – includes universal mounting bracket and 24 in. strap for quick, easy mounting on the motor, on the pedestal or on the discharge pipe.	Drop cord wiring
F59H-1C	DPST	External mounting bracket	Conduit wiring –7/8 in. conduit openings in case

Table 1: Replacement Parts

Product Code Number	Replacement Weight Kit for F59 Series
WGT11A-600R	Two Weights (Floats), 40 in. Plastic Cable, Weights with 3 in. Polyethylene Cable
WGT11A-604R	Two Weights (Floats), 36 in. Monel Wire, Two Float Support Plates, Weights with 3 in. Monel Cable

F59 Series Sump Pump Switch Technical Specifications

Table 2: Electrical Ratings

Volts	Horsepower
F59A-1	
120 VAC	1 hp
240 VAC	1 hp
32 VDC	1/4 hp
F59A-2	
120 VAC	1 hp
240 VAC	1 hp
32 VDC	1/4 hp
F59D-5	
120 VAC	1/2 hp
F59H-1	
120 VAC	1 hp
240 VAC	1 hp
32 VDC	1/4 hp

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Single point of contact

APAC	Europe	NA/SA
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Contact information

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