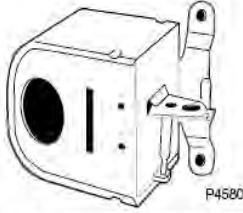


JOHNSON CONTROLS - F59 SERIES SUMP PUMP SWITCH

SELECTION CHART



F59-1 Switch with Fixed Mounting Bracket for Drop Cord Wiring

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 (2) two weights.

FEATURES

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

APPLICATIONS

On/Off control of sump pumps.

SELECTION CHART

| PART NO | MOUNTING | CONTACT ACTION | RANGE ADJUSTER |
|----------|---|----------------|--|
| F59A-1C | External mounting bracket | DPST | Drop cord wiring |
| F59A-2C* | 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. | DPST | Drop cord wiring |
| F59D-5C* | External mounting — includes clamp for mounting on the pedestal or on the discharge pipe. | SPST | 8 ft power cord with 3-prong piggyback plug |
| F59H-1C | External mounting bracket | DPST | Conduit Wiring — 7/8-in. conduit openings in case. |

*Universal Replacement

JOHNSON CONTROLS - DPC

- (a) Relay is not field-replaceable
- (b) Replaces Ranco P30-5826
- (c) Switch differential is approximately 5 psi (34 kpa). Time delay relay energizes at: 9 psi (61 kpa) pressure difference, de-energizes at: 14 psi (97 kpa) difference.
- (d) Replaces Ranco P30-5827.
- (e) Replaces Ranco P30-5827 (includes alarm wire).
- (f) Replaces Carlyle/Carrier part no. HKA-600, 6342060
- (g) Switch differential is approximately 4.5 psi (34 kpa). Time delay relay energizes at: 6.5 psi (45 kpa) pressure difference de-energizes at: 11 psi (76 kpa) difference.
- (h) Replaces Carlyle/Carrier part no. HKA-600.6342060 with 36" SEC99A Ultracap
- (i) Replaces Carlyle/Carrier part no. HKA-600.6342060 with 36" SEC99A Ultracap (includes alarm wire).