Submersible Motor Controls

Standard controls for single-phase 3-wire submersible motors

1/2 - 5 HP, Single-Phase Controls, 50/60 Hz

For Hitachi® Submersible Motors see pages 22-25.

Pentek® offers a full range of 1/2 - 5 HP models that are interchangeable with existing motor controls for Capacitor Start/Induction Run (CSIR) and Capacitor Start/Capacitor Run (CSCR) applications. Pentek is the professional choice in harsh and high temperature installations.



Applications

Water systems...for residential, multiple housing, farm and commercial installations, where a submersible 3-wire motor is used.

Design Features

Enclosure

- Rugged NEMA 3R Enclosure suitable for indoor/ outdoor use
- Multiple-Size Electrical Knockouts
- Rated for 50°C (122°F)

Internals

- High-Load Voltage Relay
- Heavy-Duty Contacts
- External Access to Overload Reset 1.5HP 5HP
- Heavy-Duty Terminal Connectors suitable for up to #4 AWG wire
- Industry Standard Wiring Connections easy-to-read wiring diagrams
- Overload Protection Built-in (50 Hz models)

Agency Approvals

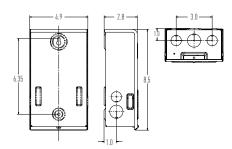
CSA CUS Certified

Pentek Submersible Motor Controls can be used with Pentek XE Series and other 4" single-phase motors.

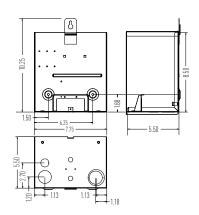
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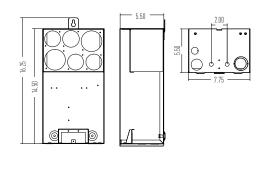
SIZE A



SIZE B



SIZE C



CSIR - Capacitor Start/Induction Run

НР	KW	PHASE	VOLTS	WEIGHT		ENCLOSURE	60 HZ	50 HZ
				LBS.	KG	SIZE	CATALOG NO.	CATALOG NO.
1/2	0.37	1	115	4	1.8	Α	SMC-IR0511 (-6pk)*	-
1/2	0.37	1	230	4	1.8	А	SMC-IR0521 (-6pk)*	-
3/4	0.55	1	230	4	1.8	А	SMC-IR0721 (-6pk)*	-
1	0.75	1	230	4	1.8	А	SMC-IR1021 (-6pk)*	-

CSCR - Capacitor Start/Capacitor Run

НР	KW	PHASE	VOLTS	WEIG	GHT KG	ENCLOSURE SIZE	60 HZ CATALOG NO.	50 HZ CATALOG NO.
1/2	0.37	1	230	5	2.3	Α	SMC-CR0521 (-6pk)*	-
3/4	0.55	1	230	5	2.3	Α	SMC-CR0721 (-6pk)*	SMC5-CR0721
1	0.75	1	230	5	2.3	А	SMC-CR1021 (-6pk)*	SMC5-CR1021
1-1/2	1.1	1	230	7	3.2	В	SMC-CR1521	SMC5-CR1521
2	1.5	1	230	7	3.2	В	SMC-CR2021	SMC5-CR2021
3	2.2	1	230	7	3.2	В	SMC-CR3021	SMC5-CR3021
5	3.7	1	230	8	3.6	В	SMC-CR5021	SMC5-CR5021

CSCR PLUS - Capacitor Start/Capacitor Run PLUS Magnetic Contactor

НР	KW	PHASE	VOLTS	WEIGHT		ENCLOSURE	60 HZ	50 HZ
				LBS.	KG	SIZE	CATALOG NO.	CATALOG NO.
2	1.5	1	230	7	3.2	В	SMC-CRP2021	SMC5-CRP2021
3	2.2	1	230	8	3.6	В	SMC-CRP3021	SMC5-CRP3021
5	3.7	1	230	12	5.4	С	SMC-CRP5021	-

^{*} Submersible Motor Controls are available in single and six packs. Include the suffix '-6pk' after the PN if 6 packs are required.

