



submersible motor controls



SUBMERSIBLE MOTOR CONTROLS

PENTEK® offers a full range of 1/2 - 15 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, commercial, multiple housing and farm uses, where a submersible 3 wire motor is used.

FEATURES

Enclosure
Rugged NEMA 3R enclosure – Suitable for indoor/outdoor use.

NEW HardBond™ Finish – 5 times more corrosion resistant.

Multiple-size Electrical Knockouts

Internals
High-load Voltage Relay

Heavy-duty Contacts

External Access to Overload Reset CSCR

Heavy-duty Terminal Connectors – Suitable for up to #4 AWG wire.

Industry Standard Wiring Connections – Easy to read wiring diagrams.

Agency Approvals – UL 778 and CUL Recognized (60 Hz)

PENTEK® is a registered trademark of Pentair Water.

HardBond™ is a trademark of Pentair Water.



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ORDERING INFORMATION

Hp	kW	PH	Volts	60 Hz Catalog Number	50 Hz Catalog Number	Weight		Box Size	Encl. Size
						Lbs	Kg		
CSIR – Capacitor Start/Induction Run									
1/2	0.37	1	115	SMC-IR0511 (-6pk)*		4	1.8	5.5" x 3.25" x 9"	A
1/2	0.37	1	230	SMC-IR0521 (-6pk)*		4	1.8	5.5" x 3.25" x 9"	A
3/4	0.55	1	230	SMC-IR0721 (-6pk)*		4	1.8	5.5" x 3.25" x 9"	A
1	0.75	1	230	SMC-IR1021 (-6pk)*		4	1.8	5.5" x 3.25" x 9"	A
CSCR – Capacitor Start/Capacitor Run									
1/2	0.37	1	230	SMC-CR0521 (-6pk)*	SMC5-CR0521	5	2.3	5.5" x 3.25" x 9"	A
3/4	0.55	1	230	SMC-CR0721 (-6pk)*	SMC5-CR0721	5	2.3	5.5" x 3.25" x 9"	A
1	0.75	1	230	SMC-CR1021 (-6pk)*	SMC5-CR1021	5	2.3	5.5" x 3.25" x 9"	A
1-1/2	1.1	1	230	SMC-CR1521	SMC5-CR1521	7	3.2	8.125" x 6.25" x 11"	B
2	1.5	1	230	SMC-CR2021	SMC5-CR2021	7	3.2	8.125" x 6.25" x 11"	B
3	2.2	1	230	SMC-CR3021	SMC5-CR3021	7	3.2	8.125" x 6.25" x 11"	B
5	3.7	1	230	SMC-CR5021	SMC5-CR5021	8	3.6	8.125" x 6.25" x 11"	B
7-1/2	5.5	1	230	SMC-CR7521		12	5.4	8.125" x 6.25" x 18"	C
10	7.5	1	230	SMC-CR10021		14	6.4	8.125" x 6.25" x 18"	C
CSCR PLUS – Capacitor Start/Capacitor Run PLUS Magnetic Contactor									
2	1.5	1	230	SMC-CRP2021	SMC5-CRP2021	7	3.2	8.125" x 6.25" x 11.25"	B
3	2.2	1	230	SMC-CRP3021	SMC5-CRP3021	8	3.6	8.125" x 6.25" x 11.25"	B
5	3.7	1	230	SMC-CRP5021	SMC5-CRP5021	12	5.4	8.125" x 6.25" x 18"	C
7-1/2	5.5	1	230	SMC-CRP7521		14	6.4	8.125" x 6.25" x 18"	C
10	7.5	1	230	SMC-CRP10021		15	6.8	8.125" x 6.25" x 18"	C
15	11	1	230	SMC-CRP15021		17	7.7	8.125" x 6.25" x 18"	C
CSCR PLUS – Capacitor Start/Capacitor Run PLUS Magnetic Contractor for PENTEK® 6" Motor									
5	3.7	1	230	SMCP-CRP5021		12	5.4	8.125" x 6.25" x 18"	C
7.5	5.5	1	230	SMCP-CRP7521		14	6.4	8.125" x 6.25" x 18"	C
10	7.5	1	230	SMCP-CRP10021		15	6.8	8.125" x 6.25" x 18"	C
15	11	1	230	SMCP-CRP15021		17	7.7	8.125" x 6.25" x 18"	C

*Submersible Motor Controls are available in single and six packs. Include the suffix "-6pk" after the catalog number if 6 packs are required.

OUTLINE DIMENSIONS

