PENTEK® Submersible Motor Controls

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, 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 – CSA CUL Recognized (60 Hz)

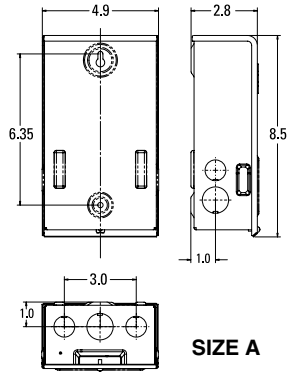
PENTEK® Submersible Motor Controls

ORDERING INFORMATION

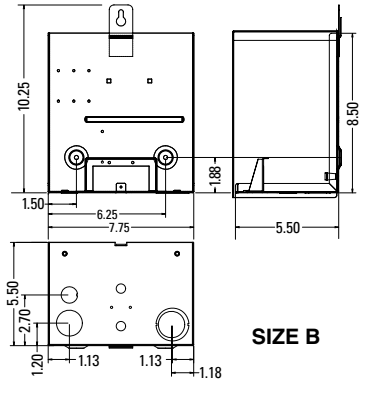
HP	kW	PH	Volts	60 Hz Catalog Number	50 Hz Catalog Number	Weight Lbs	Weight Kg	Enclosure Size
CSIR – Capacitor Start/Induction Run								
1/2	0.37	1	115	**SMC-IR0511 (-6pk)***		4	1.8	A
1/2	0.37	1	230	**SMC-IR0521 (-6pk)***		4	1.8	A
3/4	0.55	1	230	**SMC-IR0721 (-6pk)***		4	1.8	A
1	0.75	1	230	**SMC-IR1021 (-6pk)***		4	1.8	A
CSCR – Capacitor Start/Capacitor Run								
1/2	0.37	1	230	**SMC-CR0521 (-6pk)***	**SMC5-CR0521**	5	2.3	A
3/4	0.55	1	230	**SMC-CR0721 (-6pk)***	**SMC5-CR0721**	5	2.3	A
1	0.75	1	230	**SMC-CR1021 (-6pk)***	**SMC5-CR1021**	5	2.3	A
1-1/2	1.1	1	230	**SMC-CR1521**	**SMC5-CR1521**	7	3.2	B
2	1.5	1	230	**SMC-CR2021**	**SMC5-CR2021**	7	3.2	B
3	2.2	1	230	**SMC-CR3021**	**SMC5-CR3021**	7	3.2	B
5	3.7	1	230	**SMC-CR5021**	**SMC5-CR5021**	8	3.6	B
CSCR PLUS – Capacitor Start/Capacitor Run PLUS Magnetic Contactor								
2	1.5	1	230	**SMC-CRP2021**	**SMC5-CRP2021**	7	3.2	B
3	2.2	1	230	**SMC-CRP3021**	**SMC5-CRP3021**	8	3.6	B
5	3.7	1	230	**SMC-CRP5021**	**SMC5-CRP5021**	12	5.4	C

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

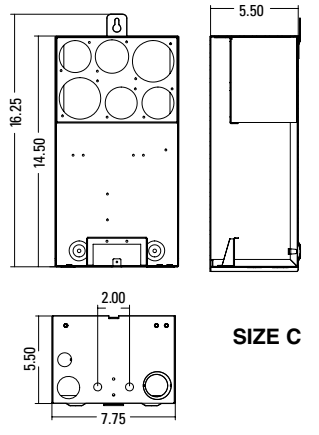
OUTLINE DIMENSIONS



SIZE A



SIZE B



SIZE C

Dimensions (in inches) are for estimating purposes only.

293 WRIGHT STREET, DELAVAN, WI 53115 WWW.BERKELEYPUMPS.COM PH: 888-782-7483 ORDERS FAX: 800-426-9446

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

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