

# PENTEK® 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)

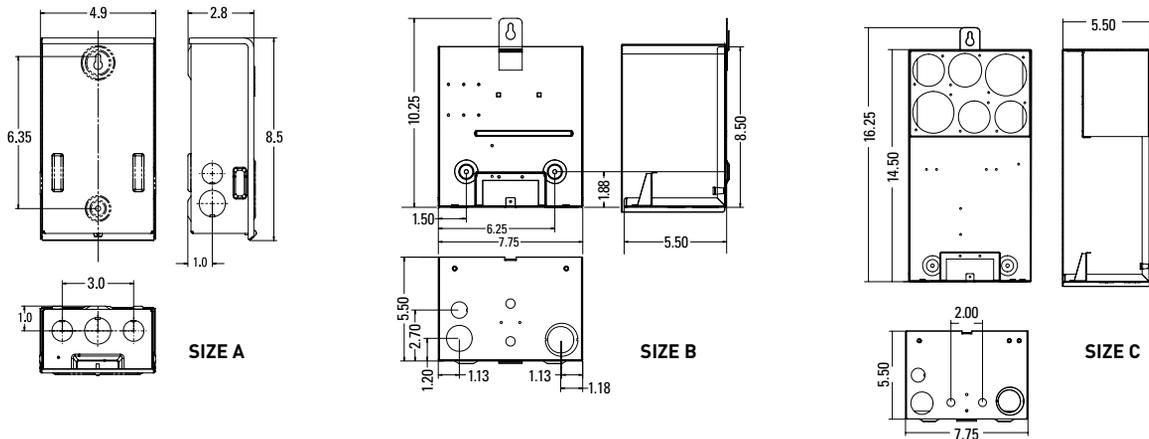
# PENTEK<sup>®</sup> Submersible Motor Controls

## ORDERING INFORMATION

| HP   | KW   | PH | VOLTS | 60 HZ<br>CATALOG NUMBER | 50 HZ<br>CATALOG NUMBER | WEIGHT |     | ENCLOSURE<br>SIZE |
|--|------|----|-------|-------------------------|-------------------------|--------|-----|-------------------|
|  |      |    |       |                         |                         | LBS.   | KG  |                   |
| <b>CSIR – CAPACITOR START/INDUCTION RUN</b>                              |      |    |       |                         |                         |        |     |                   |
| 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                 |
| <b>CSCR – CAPACITOR START/CAPACITOR RUN</b>                              |      |    |       |                         |                         |        |     |                   |
| 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                 |
| 7-1/2  | 5.5  | 1  | 230   | SMC-CR7521              |                         | 12     | 5.4 | C                 |
| 10   | 7.5  | 1  | 230   | SMC-CR10021             |                         | 14     | 6.4 | C                 |
| <b>CSCR PLUS – CAPACITOR START/CAPACITOR RUN PLUS MAGNETIC CONTACTOR</b> |      |    |       |                         |                         |        |     |                   |
| 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                 |
| 7-1/2  | 5.5  | 1  | 230   | SMC-CRP7521             |                         | 14     | 6.4 | C                 |
| 10   | 7.5  | 1  | 230   | SMC-CRP10021            |                         | 15     | 6.8 | C                 |
| 15   | 11   | 1  | 230   | SMC-CRP15021            |                         | 17     | 7.7 | 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



Dimensions (in inches) are for estimating purposes only.

