

Submersible Motor Control Boxes

Motor Control Boxes



These highly engineered control boxes are designed for use with Franklin 3-wire, single-phase submersible motors 1/3 to 1 hp. Quick Disconnect (QD) boxes make trouble shooting simple by automatically disconnecting the control components from the system when the lid is removed. Solid state switching, with the QD Relay, provides longer life than voltage relays, and improves the operation of the system. QD and Capacitor Run Control (CRC) boxes offer the same functionality, but CRC control boxes feature a run capacitor for smoother motor operation.



Standard and Deluxe control boxes are for 3-wire, 1 to 15 hp single-phase water systems that use standard/heavy-duty pressure switches, level switches, or other pilot devices. Deluxe control boxes contain magnetic line contactors carefully matched to the motor rating, eliminating the need for external line contactors. The 15 hp XL Deluxe box has a larger enclosure that provides the space you need for heavy-duty wire and plenty of room for add-ons.

Overview

Applications

Franklin Electric submersible control boxes are designed and optimized specifically for Franklin three-wire, single-phase motors rated 1/3 to 15 hp.

QD & CRC Features

- Exclusive Franklin Electric QD Relay
- Suitable for outdoor mounting
- Capacitor Start
- Run Capacitor (Only CRC Boxes)
- UL listed for US and Canada (60 Hz models)

Standard, Deluxe & XL Deluxe Features

- Heavy duty box-type terminals accept up to AWG #2 wire
- External access to overload resets
- Multiple-size knockouts
- User-friendly connection diagrams
- Easy access to grounding lugs

Order Information

Quick Disconnect Control Boxes

Rating	Control Box Type	Volts	Hz	Item
1/3 hp / .25 kW	QD	115 VAC	60 Hz	2801024915
1/3 hp / .25 kW	QD	230 VAC	60 Hz	2801034915
1/2 hp / .37 kW	QD	115 VAC	60 Hz	2801044915
1/2 hp / .37 kW	QD	220 VAC / 230 VAC / 240 VAC	50 Hz	2803552115
1/2 hp / .37 kW	QD	230 VAC	60 Hz	2801054915
3/4 hp / .55 kW	QD	220 VAC / 230 VAC / 240 VAC	50 Hz	2803572115
3/4 hp / .55 kW	QD	230 VAC	60 Hz	2801074915
1 hp / .75 kW	QD	220 VAC / 230 VAC / 240 VAC	50 Hz	2803582115
1 hp / .75 kW	QD	230 VAC	60 Hz	2801084915

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Quick Disconnect CRC Control Boxes

Rating	Control Box Type	Volts	Hz	Item
1/2 hp / .37 kW	CRC	230 VAC	60 Hz	2824055015
3/4 hp / .55 kW	CRC	230 VAC	60 Hz	2824075015
1 hp / .75 kW	CRC	230 VAC	60 Hz	2824085015

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Standard Control Boxes

Rating	Control Box Type	Volts	Hz	Item
1.0-1.5 hp / .75-1.1 kW	Standard	230 VAC	60 Hz	2823008110
1.5 hp / 1.1 kW	Standard	220 VAC	50 Hz	2823508110
2 hp / 1.5 kW	Standard	220 VAC	50 Hz	2823518110
2 hp / 1.5 kW	Standard	230 VAC	60 Hz	2823018110
3 hp / 2.2 kW	Standard	220 VAC	50 Hz	2823528110
3 hp / 2.2 kW	Standard	230 VAC	60 Hz	2823028110
5 hp / 3.7 kW	Standard	230 VAC	50 Hz	2822539010
5 hp / 3.7 kW	Standard	230 VAC	60 Hz	2821138110
7.5 hp / 5.5 kW	Standard	230 VAC	60 Hz	2822019210
10 hp / 7.5 kW	Standard	230 VAC	60 Hz	2822029230

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Deluxe Control Boxes

Rating	Control Box Type	Volts	Hz	Item
1.0-1.5 hp / .75-1.1 kW	Deluxe	230 VAC	60 Hz	2823008310
2 hp / 1.5 kW	Deluxe	230 VAC	60 Hz	2823018310
3 hp / 2.2 kW	Deluxe	230 VAC	60 Hz	2823028310
5 hp / 3.7 kW	Deluxe	230 VAC	60 Hz	2821139310
7.5 hp / 5.5 kW	Deluxe	230 VAC	60 Hz	2822019310
10 hp / 7.5 kW	Deluxe	230 VAC	60 Hz	2822029330

Rating	Control Box Type	Volts	Hz	Item
15 hp / 11 kW	Deluxe	230 VAC	60 Hz	2822039330

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Support Materials

Brochures

Title	Type	Size
 Control Boxes Brochure	PDF	0.41 MB
 Agricultural Solutions Brochure	PDF	2.04 MB
 Lake and Pond Management Brochure	PDF	2.13 MB
 Water Systems Products and Applications Brochure	PDF	5.61 MB
 Beyond the Pump Tools Services Brochure	PDF	1.3 MB

Catalogs

Title	Type	Size
 Motors & Control Boxes Catalog	PDF	4.93 MB

Manuals

Title	Type	Size
 2023 AIM Manual	PDF	42.62 MB
 2024 SubData Manual	PDF	3.19 MB
 Lightning Arrestor Manual	PDF	0.14 MB
 Form 2207 Submersible Motor Install Record	PDF	0.74 MB
 Submersible Motor Field Reference Manual	PDF	0.83 MB

Certifications

Title	Type	Size
 NSF/ANSI 61 Water Quality Approval Document	PDF	0.1 MB

Assets

