

ACCESSORIES

SUBMERSIBLE ELECTRIC PUMPS AND MOTORS CONTROL BOXES FOR THREE WIRE SUBMERSIBLE MOTORS



The control boxes are made with metal casing which is painted with a protective coating.

The control boxes come with three knockouts for easy access.

It is a well-known fact that, unlike three-phase motors, single phase motors have a starting torque which is a fraction of the rated torque, therefore a control box / starter box is required to solve this problem.

Tesla offers a range of Control Boxes with either Capacitor Start or Capacitor Start Capacitor Run.

The Small Type is available for **GG & GX** motors up to 1.0Hp with capacitor start and the Larger Type with Capacitor Start, Capacitor Run are available from 1.5Hp to 5.0Hp in either **Basic** or **Plus** version.

The **Plus** boxes contain magnetic line contactors carefully matched to the motor rating, eliminating the need for external line contactors.

OL 4" single phase motors require Permanent Split Capacitor Type Control Box Type CBOL

ELECTRICAL DATA 60Hz

Control Box CBUS small Type BASIC for GG & GX

Volts	Motor		Model	Capacitor	
	HP	kW		uF	volt
115	1/2	0.37	4CBUS 0.5HP 115V 60HZ BASIC	250 - 300	125
230	1/2	0.37	4CBUS 0.5HP 230V 60HZ BASIC	59 - 71	250
	3/4	0.55	4CBUS 0.75HP 230V 60HZ BASIC	86 - 103	250
	1	0.75	4CBUS 1.0HP 230V 60HZ BASIC	105 - 126	250

Control Box CBUS Large Type BASIC for GG & GX

Volts	Motor		Model	Start Capacitor		Run Capacitor	
	HP	kW		uF	volt	uF	volt
230	1.5	1.1	4CBUS 1.5HP BASIC	105 - 126	250	10	370
	2	1.5	4CBUS 2.0HP BASIC	105 - 126	250	20	370
	3	2.2	4CBUS 3.0HP BASIC	208 - 250	250	45	370
	5	3.0	4CBUS 5.0HP BASIC	270 - 324	250	2 x 40	370

Control Box CBUS Large Type PLUS for GG & GX

Volts	Motor		Model	Start Capacitor		Run Capacitor	
	HP	kW		uF	volt	uF	volt
230	1.5	1.1	4CBUS 1.5HP PLUS	105 - 126	250	10	370
	2	1.5	4CBUS 2.0HP PLUS	105 - 126	250	20	370
	3	2.2	4CBUS 3.0HP PLUS	208 - 250	250	45	370
	5	3.0	4CBUS 5.0HP PLUS	270 - 324	250	2 x 40	370

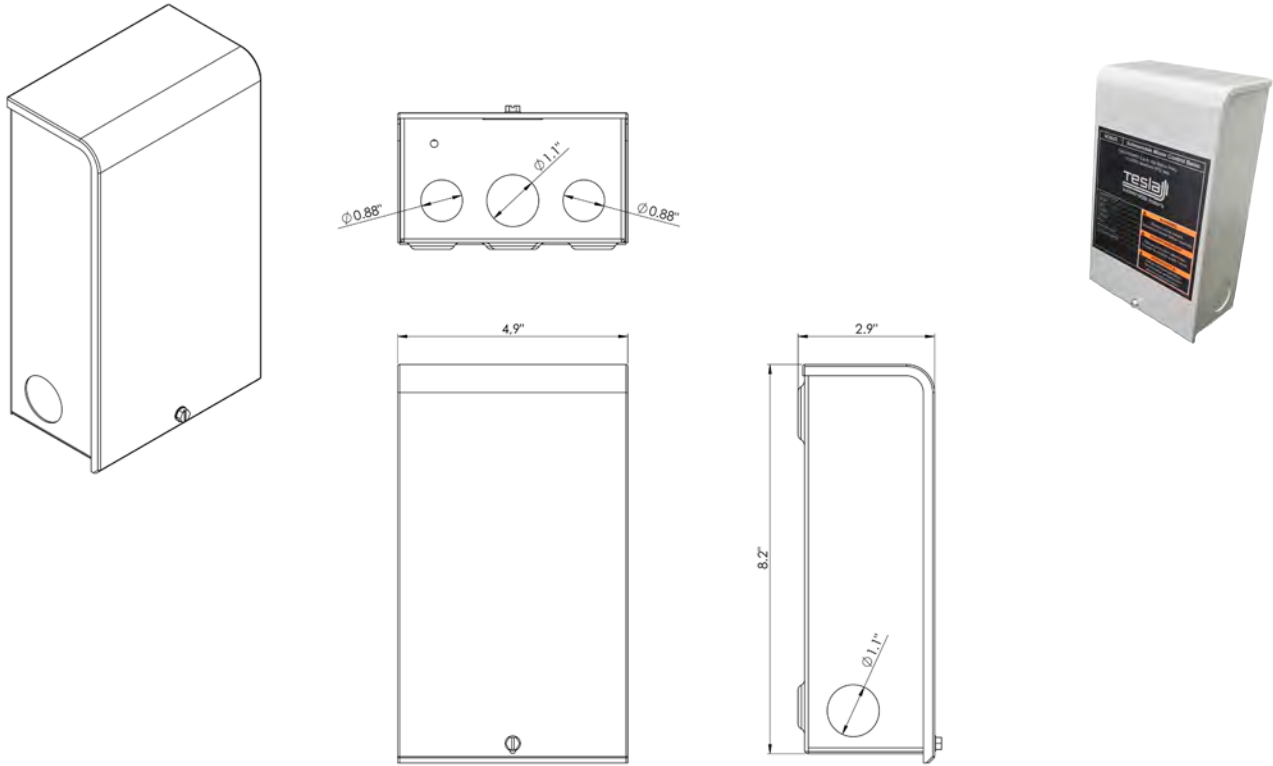
Control Box CBOL Type Standard for OL

Volts	Motor		Model	Start Capacitor		Run Capacitor	
	HP	kW		uF	volt	uF	volt
115	1/2	0.37	CBOL 005115 LARGE	N/A	N/A	65	230
	3/4	0.55	CBOL 075115 LARGE	N/A	N/A	80	230
	1	0.75	CBOL 100115 LARGE	N/A	N/A	100	230
230	1/2	0.37	CBOL 005230 SMALL	N/A	N/A	16	450
	3/4	0.55	CBOL 075230 SMALL	N/A	N/A	20	450
	1	0.75	CBOL 100230SMALL	N/A	N/A	25	450
	1.5	1.1	CBOL 150230 LARGE	189-227	250	35	450
	2	1.5	CBOL 200230 LARGE	189-227	250	50	450
	3	2.2	CBOL 300230 LARGE	189-227	250	50	450
	5	3.0	CBOL 500230 LARGE	324-389	250	70	450

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SUBMERSIBLE ELECTRIC PUMPS AND MOTORS

CONTROL BOX - DIMENSION - 4CBUS & CBOL Small



CONTROL BOX - DIMENSION - 4CBUS & CBOL Large

