

SINGLE PHASE CONTROL BOXES

50 Hz

LRC Control box

The LRC series CR control boxes are designed to use with Lubi 3 wire single phase capacitor run submersible motors up to 3 hp.

They are available in two sizes, based on the motor horsepower.

Features

- Enclosure made of ABS.
- On-Off switch.
- On-Off lamp provided.
- Thermal protection with manual reset.
- Cable glands are provided for cable entry.

LSR Control box

The LSR series CSCR control boxes are designed to use with Lubi 3 wire single phase capacitor start and run submersible motors up to 5 hp.

They are available in two sizes, based on the motor horsepower.

Features

- Enclosure made of ABS.
- On-Off switch.
- On-Off lamp provided.
- Thermal protection with manual reset.
- Cable glands are provided for cable entry.
- Starting switch/contactors for high torque starting.

DIRECT ON LINE STARTER CONTROL PANEL

Features

- Electro mechanic Control Panel Direct Start
- Power Supply 3~50Hz, 380~415V AC +/- 10%
- Short Circuit and Over Current protection (MCB/MCCB)
- Overload protection
- Phase failure protection
- Water level controller with dry run protection
- Contactors with thermal overload relay resetable
- Control Fuse
- Volt meter, Ammeter, Indicating lamps (R,Y,B, Trip)
- Dust proof metal enclosure IP 44 with high quality finishing

STAR DELTA CONTROL PANEL (STAR-DELTA)

Features

- Electro mechanic Control Panel Star-Delta Start
- Power Supply 3~50Hz, 380~415V AC +/- 10%
- Short Circuit and Over Current protection (MCB/MCCB)
- Overload protection
- Electronic Star-Delta Timer
- Phase failure protection
- Water level controller with dry run protection
- Contactors with thermal overload relay resetable
- Control Fuse
- Volt meter, Ammeter, Indicating lamps (R,Y,B, trip)
- Dust proof metal enclosure IP 44 with high quality finishing

AUTO TRANSFORMER CONTROL PANEL (ATS)

Features

- Electro mechanic Control Panel Auto Transformer Start
- Power Supply 3~50Hz, 380~415V AC +/- 10%
- Short Circuit and Over Current protection (MCB/MCCB)
- Overload protection
- Phase failure protection
- Air cooled Auto Transformer with 60%, 70% & 80% tappings
- Water level controller with dry run protection
- Contactors with thermal overload relay resetable
- Electronic timer with master timer
- Control Fuse
- Volt meter, Ammeter, Indicating lamps (R,Y,B, trip)
- Dust proof metal enclosure IP 44 with high quality finishing

60 Hz

LRC Control box

The LRC series CR control boxes are designed to use with Lubi 3 wire single phase capacitor run submersible motors up to 3 hp.

They are available in two sizes, based on the motor horsepower.

Features

- Suitable for outdoor mounting.
- Capacitor Run design for low cost and high efficiency.
- Complete sheet metal heavy duty enclosure with powder coating.
- Heavy duty terminals to accept AWG # 10 wire.
- Reset for thermal overload protection can be done externally.
- Multiple size and location knockouts for easy cable entry.
- Dual grounding lugs with easy access.
- All control boxes have easy to read connection diagram.

LSC Control box

The LSC series CS control boxes are designed to use with Lubi 3 wire single phase capacitor start submersible motors up to 1 HP.

Features

- Suitable for outdoor mounting.
- Capacitor Start design for high starting torque.
- Complete sheet metal heavy duty enclosure with powder coating.
- Heavy duty terminals to accept AWG # 10 wire.
- Multiple size and location knockouts for easy cable entry.
- Dual grounding lugs with easy access.
- All control boxes have easy to read connection diagram.

LSR Control box

The LSR series CSCR control boxes are designed to use with Lubi 3 wire single phase capacitor start and run submersible motors up to 5 hp.

They are available in two sizes, based on the motor horsepower.

Features

- Suitable for outdoor mounting.
- Capacitor Start and Capacitor Run design for high starting torque and high efficiency.
- Complete sheet metal heavy duty enclosure with powder coating.
- Heavy duty terminals to accept AWG # 10 wire up to 2 hp and AWG # 2 wire for 3 and 5 hp.
- Reset for thermal overload protection can be done externally.
- Multiple size and location knockouts for easy cable entry.
- Dual grounding lugs with easy access.
- All control boxes have easy to read connection diagram.

SINGLE PHASE CONTROL BOXES FOR 4" WATER FILLED SUBMERSIBLE MOTORS



(0.37 - 3.7 kW, 50 Hz)

LSR Control box

Single phase LSR control boxes for 4"WF submersible motors

50 Hz

Control box type	kW	HP	Voltage [V]	C run [μ F]	C start [μ F]	Enclosure dimensions W x D x H [mm]	Gross weight [kg]
LSRW405035	0.37	0.50	230	36	40 - 60	285 x 120 x 235	3.4
LSRW407535	0.55	0.75	230	40	120 - 150	285 x 120 x 235	3.4
LSRW411035	0.75	1.00	230	45	120 - 150	285 x 120 x 235	3.4
LSRW411535	1.10	1.50	230	36 + 36	150 - 200	285 x 120 x 235	3.4
LSRW412035	1.50	2.00	230	45 + 45	200 - 250	285 x 120 x 235	3.4
LSRW413035	2.20	3.00	230	60 + 60	200 - 250	285 x 120 x 235	3.4
LSRW415035	3.70	5.00	230	150	200 - 250	285 x 120 x 235	3.4

Single phase LSR control boxes for 4"WF submersible motors

60 Hz

Control box type	kW	HP	Voltage [V]	C run [μ F]	C start [μ F]	Enclosure dimensions W x D x H [mm]	Gross weight [kg]
LSRW405036	0.37	0.50	230	25	40 - 60	285 x 120 x 235	3.4
LSRW407536	0.55	0.75	230	40	120 - 150	285 x 120 x 235	3.4
LSRW411036	0.75	1.00	230	45	100 - 120	285 x 120 x 235	3.4
LSRW411536	1.10	1.50	230	36 + 36	150 - 200	285 x 120 x 235	3.4
LSRW412036	1.50	2.00	230	30 + 30	250 - 300	285 x 120 x 235	3.4
LSRW413036	2.20	3.00	230	45 + 45	200 - 250	285 x 120 x 235	3.4
LSRW415036	3.70	5.00	230	45 + 45	200 - 250	285 x 120 x 235	3.4