

Certified ISO 9001:2015

PRODUCT RANGE

- Submersible / Openwell Starters
- Water Level Controllers
- GSM Mobile Starters



Khyatee Launches New Generation of Compact Digital Pump Control Panels & Starters, made with Microcontroller based Software Technology which are Innovative, Easy to Install, Use and Support on the Field.

Made with Long-life Heavy Duty Contactors, Capacitors, Transformers, Terminals & Switches Duly

Wired with Insulated Lugs to withstand the Most Harsh Environment on Field Like Wide Voltage Fluctuations, High Humidity, Dusty Agriculture Fields etc.

Having Application in all the Areas Requiring Pump Control Solutions such as Agriculture, Domestic, Industrial, Waste Water Management, Multi Pump Automation etc.

SALIENT FEATURES

- Microcontroller based Software Technology
- Electronic Starter with DC / AC Coil Contactor
- Calibrated Digital Voltmeter & Ammeter
- Site Selectable Timers for Automation
- Starting and Running Capacitors as per Hp
- Heavy Duty Switches for Easy Settings
- Auto / Manual, Setting & ON / OFF Switches
- Site Selectable Protection Settings
- Easy Accurate & Automatic Current Setting
- Pump Safety from Electrical Faults
- Working Voltage Range 130 to 300 Volts
- Multi Pump / VFD / Hydro-Pneumatic Automation Panels
- Panels in IP 54 Certified Enclosures (Water Proof, Shock Proof & Dust Proof)
- Customized Panels as per Requirements available

KDP 22 Single Phase Submersible Starter With Start And Run Capacitors



Model: KDP 22



Model: KDP 22 (MS)

CONNECTION DIAGRAM

INPUT		OUTPUT		
P	N	R	Y	B

Current Range / Hp : n 1-20 Amp. / 0.5 To 2 Hp
 n 1-26 Amp. / 3 Hp
 n 1-40 Amp. / 5 Hp

Display : n Digital Voltmeter (100-300 V)
 n Digital Ammeter (as per Current Range)

Protections : n Starting Capacitor Cut OFF Timer
 n Electronic Overload (Site Settable)
 n Remote Sensing Dryrun (Site Settable)
 n High Voltage (Site Settable 250-300 V)
 n Low Voltage (Site Settable 110-180 V)
 n Extreme High Current (Short Circuit)

Timers : n Power ON Timer
 n Motor OFF Timer (Site Settable OFF-05-720 min.)

Starter : n Heavy Duty DC Coil Contactor (40 Amp.)

Special Features : n Bore Flushing Facility - Easy To Activate, Removes Mud, Water & Dust from the Bore during Installation

Capacitors : n Starting Capacitor - One (as per Hp)
 n Running Capacitor - One / Two (as per Hp)

Options : n KDP 22 UTF - with Upper Tank Full Indication

KDP 99 WLC Single Phase Submersible Starter with Two Tank Automatic Water Level Controller



Model: KDP 99



Model: KDP 99 (MS)

CONNECTION DIAGRAM

INPUT		OUTPUT			UPPER TANK			LOWER TANK		
P	N	R	Y	B	P1	P2	P3	P1	P2	P3

KDP 22 + All below features = KDP 99 WLC

Timers : n Power ON Timer (Site Settable 03-300 sec.)
 n Dryrun Auto Start Timer (Site Settable OFF-05-720 min.)
 Once the Pump Trips with Dryrun KDP 99 WLC Restarts the Pump Automatically as per the Set Timer. So no need to Restart the Pump Manually and we get Maximum Water Output from a Low Yield Boring

Special Features: n Universal Fully Automatic Two Tank Water Level Controller (Float Switch / Metal Sensor / Magnetic Switch can be Connected)

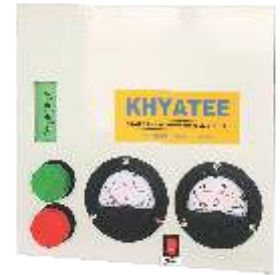
Options : n M1 KDP 99 GSM - with GSM Mobile Starter
 n KDP 99 PS - with Pressure Switch Connection

KSR 22 Single Phase Submersible Starter With Start And Run Capacitors

Current Range / Hp	: n 2-14 Amp. for 0.5-1 Hp n 4-16 Amp. for 1.5 Hp n 8-20 Amp. for 2 Hp
Display	: n Analog Voltmeter (100-300 V), n Analog Ammeter (as per Current Range)
Protections	: n Starting Capacitor Cut OFF Timer n Electronic Overload n Remote Sensing Dryrun (Site Settable 75%-95%)
Starter	: n Heavy Duty DC Coil Contactor (40 Amp.)
Capacitors	: n Starting Capacitor - One (as per Hp) n Running Capacitor - One / Two (as per Hp)



Model: KSR 22



Model: KSR 22 (MS)

CONNECTION DIAGRAM

INPUT		OUTPUT		
P	N	R	Y	B

KSD 22 Single Phase Submersible Panel With Start And Run Capacitors



Model: KSD 22

CONNECTION DIAGRAM

INPUT		OUTPUT		
P	N	R	Y	B

Current Range / Hp	: n 2-14 Amp. for 0.5-1 Hp n 4-16 Amp. for 1.5-2 Hp
Display	: n Analog Voltmeter (100-300 V), n Analog Ammeter (as per Current Range)
Protections	: n Starting Capacitor Cut OFF Timer n Electronic Overload n Remote Sensing Dryrun (Fixed)
Capacitors	: n Starting Capacitor - One (as per Hp) n Running Capacitor - One / Two (as per Hp)

Standard Starting / Running Capacitor Selection Chart

Hp	0.75 Hp	1 Hp	1.5 Hp	2 Hp	2 Hp	3 Hp	5 Hp
Starting Capacitor (MFD)	100 / 120	120 / 150	120 / 150	120 / 150	150 / 200	200 / 250	250 / 300
Running Capacitor (MFD)	25	36	36 + 20	36 + 36	36 + 36	50 + 50	50 + 50 + 50

KTC 22 Single Phase Openwell Starter With Two Tank Automatic Water Level Controller



Model: KTC 22 WLC

CONNECTION DIAGRAM

INPUT		OUTPUT			UPPER TANK			LOWER TANK		
P	N	R	Y	B	P1	P2	P3	P1	P2	P3

OR

INPUT		OUTPUT		UPPER TANK			LOWER TANK		
P	N	P	N	P1	P2	P3	P1	P2	P3

Current Range / Hp	:	n	1-20 Amp. for 1 Hp-36 MFD
		n	1-20 Amp. for 2 Hp-50 MFD
		n	1-20 Amp. for 3 Hp-60 MFD
Display	:	n	Digital Voltmeter (100-300 V),
		n	Digital Ammeter (as per Current Range)
Protections	:	n	Electronic Overload (Site Settable 20%-50%)
		n	Remote Sensing Dryrun (Site Settable)
		n	High Voltage (Site Settable 250-300V)
		n	Low Voltage (Site Settable 110-180V)
		n	Extreme High Current (Short Circuit)
Timers	:	n	Power ON Timer
		n	Dryrun Autostart Timer (OFF-0-720 min.)
Special Features	:	n	Universal Fully Automatic Two Tank Water Level Controller (Float Switch / Metal Sensor / Magnetic Switch can be Connected)
		n	Float Bypass Facility Available
Option	:	n	KTC 22 PS - with Pressure Switch Connection

SS 22 Single Phase Monoblock Starter



Model: SS 22

CONNECTION DIAGRAM

INPUT	OUTPUT
P	N

Current Range / Hp	:	n	1-20 Amp. / 0.5-2 Hp
Protections	:	n	Electronic Overload (Fixed 40%)
		n	Remote Sensing Dryrun (Fixed 75%)
Starter	:	n	Heavy Duty DC Coil Contactor (40 Amp.)

CONNECTION DIAGRAM

INPUT		OUTPUT			UPPER TANK			LOWER TANK		
P	N	P	N	P1	P2	P3	P1	P2	P3	

Model: SS 22 WLC



SS 22 WLC Single Phase Monoblock Starter with Water Level Controller

Universal Fully Automatic Two Tank Water Level Controller (Float Switch / Metal Sensor / Magnetic Switch can be Connected)
Indications For Upper Tank Full & Lower Tank Empty

M1 KDP 99 GSM Single Phase Submersible Panel with GSM Mobile Starter

- Current Range : n 2-20 Amp. up to 2 Hp n 2-26 Amp. up to 3 Hp
n 2-40 Amp. up to 5 Hp
- Display : n Digital Voltmeter 100-300 V
n Digital Ammeter as per Current Range .
- GSM Features : n Start / Stop / Monitor / Set your Pump from any location
n Device Speaks On Phone Call in Local Language
n Missed Call based ON/OFF Facility
n Call Back Facility for Fault & Power Return
n Get Verbal Voltage & Current information on Phone Call
n Online Parameter Settings by SMS
n Select Auto / Manual Mode on Phone Call
n Add Four Authorized Users
n Site Settable Four Digit Password with SIM Tracking
n SMS Based Android Application & Realtime Reports
- Protections : n Electronic Overload (Site Settable)
n Remote Sensing Dryrun (Site Settable)
n High Voltage (Site Settable 250-300 V)
n Low Voltage (Site Settable 110-180 V)
n Extreme High Current (Short Circuit)
- Timers : n Power ON Timer for Auto Start
n Motor OFF Timer / Cyclic Timer
n Dryrun Auto Start Timer (Site Settable)
OFF-05-720 min.



Model: M1 KDP 99 GSM
CONNECTION DIAGRAM

INPUT		OUTPUT			UPPER TANK			LOWER TANK		
P	N	R	Y	B	P1	P2	P3	P1	P2	P3

Special Features: n Universal Fully Automatic Two Tank Water Level Controller with SMS Based Reports

AUTOSTARTER Single Phase Monoblock Starter with Pipeline Flow Sensor



Model: Autostarter



- Current Range : n 1-20 Amp. / 0.5-2 Hp
- Starter : n Heavy Duty DC Coil Contactor
- Features : n Universal Fully Automatic Two Tank Water Level Controller (Float Switch / Metal Sensor / Magnetic Switch can be Connected)

Note:
Please Connect Sensor Across the Pipeline 2-3 Inches Above the Ground Level.

CONNECTION DIAGRAM

UPPER TANK			INPUT			OUTPUT			LOWER TANK		
P1	P2	P3	P	N	R	Y	B	P1	P2	P3	

ABOUT US

Khyatee, a registered SSI started in 1995 at Pune, has carved a niche for itself in areas of Pump Control Panels, Starters, Mobile Starters, RO Panels, Water ATMs, Web Data Loggers etc.

For years, we have been renowned for Quality, Reliability and Pioneering Innovations. We have unparalleled expertise in the areas of backward integration into products and critical components to control price and quality.

The success and popularity of team Khyatee lies in the efforts put in for every minute detail which culminate into flawless product which are unique, innovative and easy to use. The team is committed to understand and meet the needs of the Customers. Creating dynamically comprehensive and technologically advanced products for the use of 'Common Man' and thus making their life safer and easier has been distinctive feature of this growing organization.

Having a certification for international quality standards ISO 9001-2015 came as a natural extension to the innovative products already gaining appreciation and customer's trust.

*Winner of DST - LOCKHEED MARTIN INDIA
INNOVATION GROWTH AWARD 2013*



Mission
Motor Safety through
Quality, Reliability and
Innovation



Vision
To Be a Global Player in
Digital Motor Starters
& Solutions

KHYATEE PRODUCT RANGE

- n Single / Three Phase Digital Pump Control Panels & Starters
- n Single / Three Phase Water Level Controlles / Timers
- n GSM Mobile Starters / Wireless Mobile Starters / Energy Monitoring / Web Data Loggers etc.
- n Multi Pump / VFD / Hydro-Pneumatic Automation Panels
- n Automatic RO Control Panels / GSM
- n Water ATMs: Smart Card, Multi Coin, E-Rikshow, Railway Sets etc.
- n Domestic Home Care Series

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