

Celebrating
28
YEARS OF TRUST

Manufacturing & Exports

KHYATEE[®]
Electronics Pvt Ltd

THE NEXT GENERATION Control Panels

*“Complete Solution
For Your Pump Safety & Automation”*

Winner of DST - LOCKHEED MARTIN INDIA
INNOVATION GROWTH AWARD 2013



STANFORD
BUSINESS
SCHOOL



SEMI AUTOMATIC DIGITAL CONTROLLERS

For 1 ϕ Submersible Pumpset Single Phase Controller with Start & Run Capacitors and OFF Timer



KDP 22

Starter : Electronic starter (Relay Based 40 Amp.)
Power Rating : 0.5 - 2.0 HP / 3.0 HP / 5.0 HP
Protections : Overload, Dryrun, High / Low Voltage,
Extreme High Current, Capacitor Cut Off Timer
Timer : OFF Timer

For 1 ϕ Submersible Pumpset Single Phase Controller with Start & Run Capacitors



KLM 22

Starter : Electronic starter (Relay Based 40 Amp.)
Power Rating : 0.5 - 2.0 HP / 3.0 HP
Protections : Overload, Dryrun, High / Low Voltage,
Extreme High Current, Capacitor Cut Off Timer

For 3 ϕ DOL Pumpset Three Phase Controller with OFF Timer



KDM 22

Starter : Electronic starter (Relay Based 40 Amp./Phase)
Power Rating : 0.5 - 7.5 HP
Protections : Phase Failure (Supply Side / Motor Side),
Reverse Phase, Phase Unbalance, Overload, Dryrun,
High / Low Voltage, Extreme High Current
Timers : Power ON Timer, OFF Timer

For 3 ϕ DOL Pumpset Three Phase Controller with OFF Timer & Reverse Phase Auto Correction



KDM 33
RPAC

Starter : Electronic starter (Relay Based 40 Amp.)
Power Rating : 0.5 - 7.5 HP
Protections : Phase Failure, Reverse Phase, Phase Unbalance,
Overload, Dryrun, High / Low Voltage, Extreme High Current
Timers : Power ON Timer, OFF Timer

For 3 ϕ DOL Pumpset Three Phase Controller with OFF Timer



KDM DOL

Starter : Contactor based starter (MCB Included)
Power Rating : 0.5 - 25 HP
Protections : Phase Failure (Supply Side / Motor Side),
Reverse Phase, Phase Unbalance, Overload, Dryrun,
High / Low Voltage, Extreme High Current
Timers : Power ON Timer, OFF Timer

For 3 ϕ Star Delta Pumpset Three Phase Controller with OFF Timer

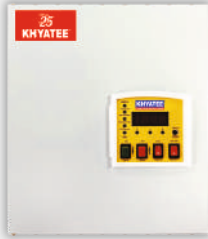


KDM SD

Starter : Contactor based starter (MCB Included)
Power Rating : 0.5 - 60 HP
Protections : Phase Failure (Supply Side / Motor Side),
Reverse Phase, Phase Unbalance, Overload, Dryrun,
High / Low Voltage, Extreme High Current
Timers : Star Delta Timer, Power ON Timer, OFF Timer

FULLY AUTOMATIC DIGITAL CONTROLLERS

For 1 ϕ Submersible Pumpset Single Phase Starter with Start & Run Capacitors & Water Level Controller



KDP 99

Starter : Electronic starter (Relay Based 40 Amp.)
Power Rating : 0.5 - 2.0 HP / 3.0 HP / 5.0 HP
Protections : Overload, Dryrun, High / Low Voltage, Extreme High Current, Capacitor Cut Off Timer
Timers : Power ON Timer, Dryrun Autostart Timer, Cyclic ON OFF Timer
Facility to connect Float Switch / Level Sensors / Magnetic Switch etc.

For 1 ϕ Openwell Pumpset Single Phase Starter with Run Capacitor and Water Level Controller



KTC 22

Starter : Electronic starter (Relay Based 40 Amp.)
Power Rating : 0.5 - 3.0 HP
Protections : Overload, Dryrun, High / Low Voltage,
Timer : Power ON Timer
Facility to connect Float Switch / Level Sensors / Magnetic Switch etc.

For 1 ϕ Monoblock / Dewatering Pumpset Single Phase Starter with Water Level Controller



**SS 22
WLC**

Starter : Electronic starter (Relay Based 30 Amp.)
Power Rating : 0.5 - 3.0 HP
Protections : Overload, Dryrun
Timer : Power ON Timer
Facility to connect Float Switch / Level Sensors / Magnetic Switch etc.

For 1 ϕ Booster Pumpset Single Phase Starter with Water Level Controller



**AUTOSTARTER
BOOSTER**

Starter : Electronic starter (Relay Based 30 Amp.)
Power Rating : 0.5 - 3.0 HP
Timer : Power ON Timer
Facility to connect Two Inline Sensors to the inlet & Float Switch / Level Sensors on the tank side.

For 3 ϕ DOL Pumpset Three Phase Starter with Water Level Controller



KTP 99

Starter : Electronic starter (Relay Based 40 Amp. / Phase)
Power Rating : 0.5 - 7.5 HP
Protections : Phase Failure (Supply Side / Motor Side), Reverse Phase, Phase Unbalance, Overload, Dryrun, High / Low Voltage, Extreme High Current
Timers : Power ON Timer, Dryrun Autostart Timer, Cyclic ON OFF Timer
Facility to connect Float Switch / Level Sensors / Magnetic Switch etc.

Three Phase Starter with Water Level Controller

KDM DOL WLC



For 3 ϕ DOL Pumpset

Starter : Contactor based starter (MCB Included)
Power Rating : 0.5 - 25 HP
Protections, Timers & WLC Facility as KTP 99

KDM SD WLC



For 3 ϕ Star Delta Pumpset

Starter : Contactor based starter (MCB Included)
Power Rating : 0.5 - 60 HP
Protections, Timers & WLC Facility as KTP 99

MULTI PUMP FIXED SPEED CONTROLLERS

Common Inventory Product Range For Hydropneumatic,
Tank To Tank, Dewatering STP / ETP Applications



Additional Connections

- ◆ Building Management Services (BMS) Facility
- ◆ Moisture Sensor Connection
- ◆ Thermal Sensor Connection
- ◆ Pressure Transmitter Connection
- ◆ Dosing Pump Connection
- ◆ Hooter Connection
- ◆ GSM Connectivity



Microcontroller Software Technology Embedded Controller



Employs advanced software logic to operate pumps in the desired sequence, with cascade operation capability for up to 6 pumps, optimizing efficiency and performance.



Electronic starter equipped with AC coil contactors



Calibrated digital voltmeter and ammeter for accurate readings



Complete Pump Safety for all Electrical faults - Phase Failure, Reverse Phase, Phase Unbalance, Overload & Dryrun



Site settable Timers for Automation - Power ON Timer, Toggle Timer, Dryrun Autostart Timer, Star Delta Timer etc.



Supports connection to Float Switches / Pressure Switches etc.



Available models for both Single Phase & Three Phase pumpsets, with capacities ranging from 0.5 to 60 Hp.



Compatible with Single Phase (100 to 300V) and Three Phase (250 to 500V) systems

TWIN BOOSTER CONTROLLER

With Inbuilt Cascade Operation

Starter: Electronic starter (Relay Based 40 Amp.)

Power Rating: 0.5 - 5 HP (1 Phase)

Protections: Overload, Dryrun, High / Low Voltage, Extreme High Current

Timers: Power ON Timer, Toggle Timer
Facility to connect Float Switch / Pressure Switch etc.

Enclosure: Dust / water resistant IP54 Enclosure



MPA 22

MULTI PUMP VFD AUTOMATION CONTROLLERS

Common Inventory Product Range for Booster, Tank-to-tank, Dewatering, STP & Irrigation Applications

Measure ▶ Monitor ▶ Control ▶ Analyze ▶ Save ▶ Share

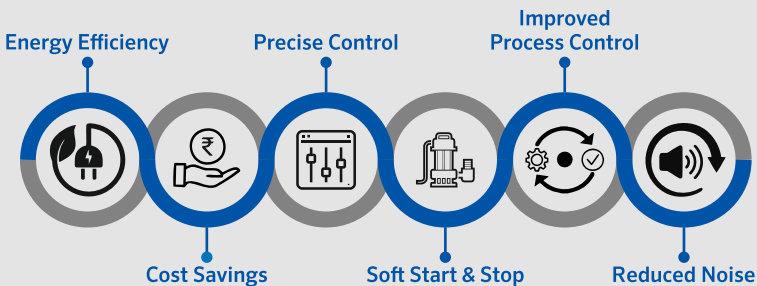
KHYATEE KVFD Controller is a reliable choice for achieving energy efficiency, operational effectiveness & ease of implementation across various industrial and commercial applications.



VFD Controller Operating Modes:

- ◆ VFD Auto - Tap Feeding
- ◆ VFD Auto - Tank Filling
- ◆ Fixed Speed Auto Mode
- ◆ Emergency / Bypass Mode
- ◆ Automatic Cascade Operation
- ◆ Force Changeover Facility

VFD System Benefits



VFDs enhance energy efficiency, extend equipment lifespan, improve process control, & reduce operational costs across various applications.



Premium Timer with Temperature Controller Suitable for Hot Water Recirculation Pump Applications

The system **saves time, energy & water**, leading to enhanced energy conservation & **efficient water management**.

Hot water circulation for **solar applications in domestic & commercial buildings, heat pump systems & industries**

Model Options

Power Rating

(1 Phase : 3kW & 3 Phase : 5.5kW) Premium Timer with One Working + One Standby Facility Available

SALIENT FEATURES

- ◆ With in-built Real time clock facility for Timers
- ◆ Provision to connect PT 100 Sensor (2 Nos)
- ◆ **Auto Timer Mode** : Set temperature & hysteresis as per site requirements
- ◆ **Manual Timer Mode** : Cyclic timer facility for the selected time period
- ◆ **Inbuilt digital Display** : 16*2 LCD display for timer & temperature settings

BENEFITS

Maintain constant hot water to all faucets



Save money by avoiding the need to reheat water



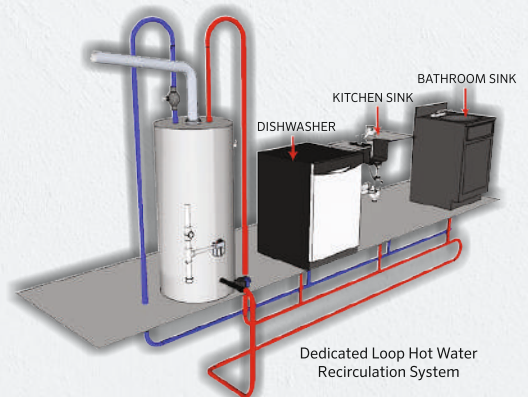
Temperature monitored system assures instant hot water



Customized temperature settings as per site requirements















Perfect solution for hot water recirculation pump system for homes, multi-storey buildings, hotels, etc



GSM MOBILE STARTERS

A mobile starter is a device that **allows users to control & monitor** the starting, stopping and operation of electrical motors, **through Mobile communication GSM technology**

BENEFITS

-  Superior Voice Quality
-  Real Time Reports
-  Call Back Facility
-  Complete Pump Safety
-  Auto Start on Power Return
-  Multiple Timers
-  Easy Setting by Call / SMS
-  Verbal Voltage & Current Information
-  Auto / Manual Mode
-  Four Authorised Users
-  Password Protected Settings
-  Compatible with all type of Electrical Starters

APPLICATIONS

- ◆ Suitable in Domestic, Industrial & Agricultural Applications
- ◆ Sprinkler and drip irrigations

MODEL OPTIONS

- ◆ M4 GSM (2-99 Amp) Three Phase GSM Mobile Starter (Attachment Series)
- ◆ GSM Dryrun (2-60 Amp) Three Phase GSM Mobile Starter (Attachment Series)
- ◆ M1 DOL GSM (2-20 Amp) GSM Mobile Starter for 1φ Monoblock Pumpset
- ◆ M1 KDP 99 GSM (2-20 Amp) GSM Mobile Starter for 1φ Submersible Pumpset
- ◆ M4 DOL GSM (2-22 Amp) GSM Mobile Starter for 3φ DOL Pumpset
- ◆ M4 SD GSM (2-130 Amp) GSM Mobile Starter for 3φ Star Delta Pumpset

4G
5G
Compatible

M4 GSM



GSM Dryrun



TIMERS

- Dryrun Autostart Timer ◆
- Star Delta Timer ◆
- Power ON Timer ◆
- Motor OFF Timer ◆
- Cyclic ON - OFF Timer ◆
- Repeat Run Timer ◆
- Four MTC Timers (Real Time Clock) ◆
- Time Compensation Facility for Timers ◆

A RANGE OF PRODUCTS FOR EVERY REQUIREMENT

Recognizing Global Customer Needs & Market Trends,
Khyatee Has Made Inroads Into Countries
Across The World With Products To Meet
Different Requirements

Pump Controllers ♦

Industrial | Commercial | Municipal

VFD / Multi Pump Controllers ♦

Booster | Sewage | Submersible

Digital Timers ♦

Domestic | Industrial | Solar

Wireless GSM Mobile Starters ♦

Submersible | Tank to Tank | Irrigation

Industry 4.0 IIOT Solutions ♦

Web Data Loggers for : Asset | Energy
Motors | Transformers

RO Controllers / Water ATMs ♦

WTP / STP Controllers

Industrial | Commercial | Domestic

Roll



Manufacturing & Exports

KHYATEE®

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