

KHYATEE

Electronics Pvt Ltd

An ISO 9001:2015 Company

HYDRO PNEUMATIC MULTI PUMP AUTOMATION PANELS



Latest Software Technology ■ Energy Saving ■ Wireless Monitor & Control

Khyatee provides range of new generation Industrial Multi Pump Hydro Pneumatic Automation Panels made with latest Software Technology with Best Quality, Reliability & Fully Integrated System which is easy to Install, Set & Maintain on field.

This System offers Advanced Functionality for Multi Pump Management including Extensive Electrical Safety for Pumps, Timers for Automation, Electricity Saving, Energy Monitoring with GSM based Web Data Logger and Android Application.

BENEFITS

- Specific Hydro Pneumatic System Design can provide water at certain Pressures unlike a Regular Water Supply System
- Presence of this System ensures that no heavy overhead Water Tanks are required reducing Construction Costs
- Energy Consumption of these Systems is less than that of a Traditional System
- Standby Pumps Assure the System is never Downtime

KEY FEATURES

- Micro-controller based Software Technology
- Calibrated Digital Voltmeter & Ammeter
- Easy Accurate & Automatic Pump Current Settings
- Pump Safety for all Electrical Faults - Site Settable Electronic Overload, Current Sensing Dryrun, Input Phase Failure/ Reverse Phase, Voltage Unbalance, Extreme High Current etc.
- Site Settable Timers for Automation - Power ON Timer, Star Delta Timer, Toggle timer for Pressure Switch etc.
- Facility to Connect Float Switch as well as Pressure Switch
- Intelligent Software Logic to Operate Pumps in required Sequence
- Auto Changeover when Fault is detected or Pump restarts
- Working voltage Range for Single Phase 100 to 300V & Three phase 250 to 500V
- Auto/ Manual, Setting, ON/ OFF Switches
- User friendly LED Indications / Display for all Faults
- Color coded ISI Grade Fire Resistant Wire & Lugs as per Current Rating
- Fully Automatic DOL/ Star Delta starters with Schneider/ Siemens / HPL Contactors
- Suitably rated ISI Mark Siemens or Equivalent C Series MCB
- Panels in IP 54, IP 65 and IK6 Certified Enclosures available



PRODUCT RANGE

Sr. No.	Model	Total Pumps	Working Pumps	Stand by/ Duty Assist Pumps	Pressure Switch Connections
1	KHP 11	1	1	0	1
2	KHP 21	2	1	1	1
3	KHP 22	2	2	0	2
4	KHP 32	3	2	1	2
5	KHP 33	3	3	0	3
6	KHP 43	4	3	1	3
7	KHP 44	4	4	0	4

MODEL SELECTION CHART

Sr. No.	Type of Pump	Input Supply	HP	Current Range
1	Monoblock	1 Phase	Up to 2HP	1-18 Amp.
2	Monoblock	1 Phase	Up to 3HP	1-22 Amp.
3	Open well	1 Phase	Up to 1HP	2-20 Amp (Run Capacitor 36 Mfd.)
4	Open well	1 Phase	Up to 2HP	2-20 Amp (Run Capacitor 50 Mfd.)
5	Submersible	1 Phase	Up to 2HP	2-20 Amp (Start & Run Capacitor as required)
6	Submersible	1 Phase	Up to 3HP	2-26 Amp (Start & Run Capacitor as required)
7	DOL	3 Phase	Up to 5HP	1-18 Amp.
8	DOL	3 Phase	Up to 7.5HP	1-22 Amp.
9	Star Delta	3 Phase	Up to 12.5HP	2-32 Amp.
10	Star Delta	3 Phase	Up to 20HP	2-44 Amp.
11	Star Delta	3 Phase	Up to 30HP	2-63 Amp.



APPLICATIONS

- Multi-Story Water Supply Systems
- Surface Water Pumping Systems
- Industry & Plant Boosting
- Sewerage Pumping Systems
- Irrigation



OPTIONS

- Fix Speed Hydro Booster Panels
- Energy Saving Hydro Booster Panels with VFD
- Panels with Digital Moisture Sensor (Oil Leak Detector) for Sewerage & Dewatering Pumps
- Panel with Energy Monitoring & GSM Based Web Data Logging and Android Application
- Customized Panels as per Requirements

ABOUT US

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

For years, we have been a renowned name for our Quality, Reliability and Pioneering Innovations. We are the preferred organization for unparalleled expertise in the areas of backward integration into panel related products, critical components to control cost and quality.

The success and popularity of team Khyatee lies in the efforts put in for every minute details which culminate into flawless product designs 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 technically perfect 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 with 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

- Single / Three Phase Digital Pump Control Panels
- GSM Based Mobile Starters, Energy Monitoring, Web Data Loggers etc.
- Multi Pump / Hydro-Pneumatic Automation Panels
- RO Automation Panels with GSM
- Smart Card, Coin, Multi Point Water ATMs / GSM
- Domestic Home Care and GSM Wireless WLC
- Customized Panels as per Requirements Available

MANUFACTURED BY

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