SINCE 2014

UZHAVAN AAUTOMATION ™

ISO 9001:2015

The Farmer's care

MSME

UDYAM-AR-06-0016706

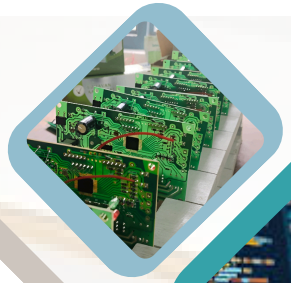
CONTROL PANELS MANUFACTURING AND SERVICES

ISO 14001:2015



168/4, SOUTH INDIAN BANK BACKSIDE,
PALANI ROAD, UDUMALPET-642126

88834 27788, 94880 17732









OUR VISION

To empower farmers, industries and communities with well designed user-friendly and affordable automated solutions that enhance productivity, conserve resources therefore, encompassing a sustainable future and trust in our products.

ABOUT US

Uzhavan Aautomation, founded in 2014 and based in Udumalpet, is a professionally driven control panel manufacturing automation company delivering reliable, customized and technology-focused system for agricultural, residential and commercial applications.We specialize in designing and manufacturing custom built products tailored to meet the needs of our clients.

Uzhavan Aautomation is an ISO 9001:2015 certified company with over a decade of trust from farmers for delivering optimized and dependable solutions. Every solution is crafted to meet project specific requirements and site conditions. From designing to installation and commissioning, we focus on quality, safety, reliability and long-term performance ensuring complete customer satisfaction.

With strong technical expertise and a customer-focused approach, we have successfully catered to the needs of 50+ dealers.

Assured and proactive post-installation services including technical guidance, warranty, prompt assistance, ensuring flawless and consistent system performance are the key factors for the growth of our company.

OUR SERVICES:

- Automatic water level controllers
- Custom panels for individual homes and apartment complexes
- Agricultural Automation Solutions
- Customized solutions for small and large poultry farms
- Hydroponics Farming Automation
- Real time automated street light solutions

AUTO START



MODEL: ASPU

Dimensions(mm)

65H*125W*98D

1 Phase Preventer

Features

- Phase Sequence Detector
- Imbalance Voltage Detector
- Single Phase Prevention
- Variable (Auto ON) Time Delay
- 9th terminal for Air Releaser

WATER LEVEL CONTROLLER



MODEL: UW 1.1

Dimensions(mm)

110H*130W*60D

1 Phase Preventer

Features

- Maintains Water level in UPPER and LOWER Tank
- User Friendly LED Indication
- Auto/ Off / By Pass Option
- Available in 1phase & 3phase

STREET LIGHT TIMER

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Multiple On & Off Time
- Cyclic Timer (user selectable)
- User programmable timer
- Auto/ By Pass Option
- In 24 hours format
- LCD Display



MODEL : RTC TIMER

HYDROPHONIC TIMER

Dimensions(mm)

65H*65W*85D

3 Phase Preventer

Features

- Selectable (Secs, Mins, Hrs) Mode
- User Programmable cyclic timer
- Auto & Manual option
- Available with Timer Backup
- Available with Bypass option



MODEL: UT 1.2

AUTO START



MODEL: ASPU

Dimensions(mm)

65H*125W*98D

1 Phase Preventer

Features

- Phase Sequence Detector
- Imbalance Voltage Detector
- Single Phase Prevention
- Variable (Auto ON) Time Delay
- 9th terminal for Air Releaser

WATER LEVEL CONTROLLER



MODEL: UW 1.1

Dimensions(mm)

110H*130W*60D

1 Phase Preventer

Features

- Maintains Water level in UPPER and LOWER Tank
- User Friendly LED Indication
- Auto/ Off / By Pass Option
- Available in 1phase & 3phase

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Double float option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode(user selectable)



MODEL: UD 3.5

Dimensions(mm)

65H*65W*85D

3 Phase Preventer

Features

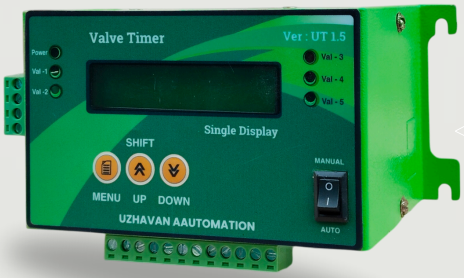
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection
- Low/High/DifferentVolt protection
- LED Error indication
- Economic model wiring no need of ON & OFF BUTTON



MODEL: ECO UD 3.1

DRY RUN PREVENTERS

VALVE TIMER



MODEL: UT 1.5

Dimensions(mm)

65H * 65W * 85D

Features

- Controls upto 5 valves
- In Manual mode user can shift the valve manually
- Available with Timer Backup
- Selectable (Secs, Mins, Hrs) Mode
- Adjustable Valve shifiting delay time

ECO MODEL PREVENTER



MODEL: ECO UD 1.3

Dimensions(mm)

65H * 65W * 85D

1 Phase Preventer

Features

- Maximum Run Time Option
- Low Voltage Protection
- High Voltage Protection
- Over & Dry load protection
- Float option (OFF control only)
- Semi Automatic Economic model

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Single Float Option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)



MODEL: UD 1.4

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

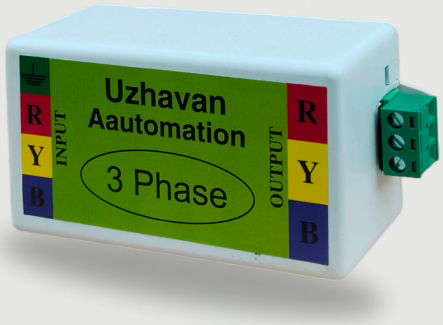
- Double float option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)



MODEL: UD 1.5

DRY RUN PREVENTERS

SURGE PROTECTOR



MODEL: SURGE

Dimensions(mm)

50H * 105W * 44D

Features

- Arrests the surge
- Protects from lightning
- Protects from high voltage
- Loads up to 500mA in each-phase
- User friendly Plug and play

.

ECO MODEL PREVENTER



MODEL: ECO UD 1.3

Dimensions(mm)

65H * 65W * 85D

1 Phase Preventer

Features

- Maximum Run Time Option
- Low Voltage Protection
- High Voltage Protection
- Over & Dry load protection
- Float option (OFF control only)
- Semi Automatic Economic model

STREET LIGHT TIMER

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Multiple On & Off Time
- Cyclic Timer (user selectable)
- User programmable timer
- Auto/ By Pass Option
- In 24 hours format
- Clear view LCD Display



MODEL: RTC

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Single Float Option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)



MODEL: UD 1.4

DRY RUN PREVENTERS

ORDINARY PREVENTER



MODEL: UD 3.0

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Low & High volt protection
- 1 phase prevention
- Adjustable Auto & Delta time
- 1 time error reset option
- LED Error indication
- User friendly plug & play option

ORDINARY PREVENTER



MODEL: UD 3.1

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection
- Low/High/DifferentVolt protection
- LED Error indication
- Economic model wiring no need of ON & OFF BUTTON

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Single line Display
- Cyclic timer
- Dry run Reset timer
- Maximum Run Time Option
- Dry load/Over load protection
- Low/High/different volt protection



MODEL: UD 3.2

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

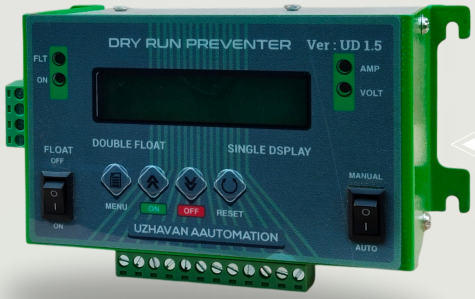
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection
- Low/ High / Different Volt protection
- LED Error indication
- Error Reset mode(user selectable)



MODEL: UD 3.3

DRY RUN PREVENTERS

DRY RUN PREVENTER



MODEL: UD 1.5

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Double float option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)

ORDINARY PREVENTER



MODEL: UD 3.0

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Low & High volt protection
- 1 phase prevention
- Adjustable Auto & Delta time
- 1 time error reset option
- LED Error indication
- User friendly plug & play option

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Single line Display
- Cyclic timer
- Dry run Reset timer
- Maximum Run Time Option
- Dry load/Over load protection
- Low/High/different volt protection



MODEL: UD 3.2

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

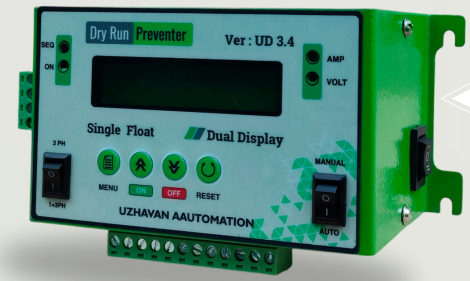
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection
- Low/ High / Different Volt protection
- LED Error indication
- Error Reset mode(user selectable)



MODEL: UD 3.3

DRY RUN PREVENTERS

DRY RUN PREVENTER



MODEL: UD 3.4

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Single Float Option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)

DRY RUN PREVENTER



MODEL: UD 3.5

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Double float option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode(user selectable)

DRY RUN PREVENTER

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Single Float / DOUBLE CT Option
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)



MODEL: UD 3.7

SURGE PROTECTOR

Dimensions(mm)

50H * 105W * 44D

3 Phase Preventer

Features

- Arrests the surge
- Protects from lightning
- Protects from high voltage
- Loads up to 500mA in each-phase
- User friendly Plug and play

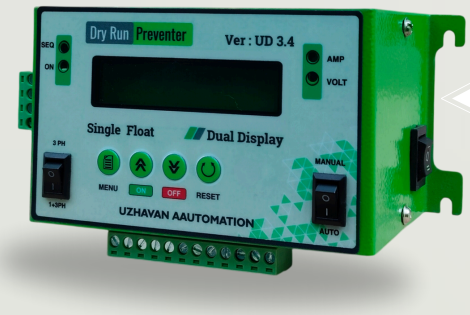
.



MODEL: SURGE

DRY RUN PREVENTERS

DRY RUN PREVENTER



MODEL: UD 3.4

Dimensions(mm)

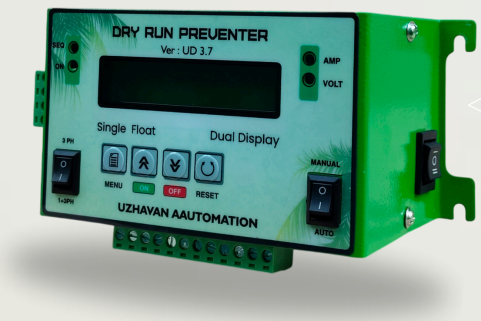
85H * 150W * 84D

3 Phase Preventer

Features

- Single Float Option (Fully & Semi Automatic)
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)

DRY RUN PREVENTER



MODEL: UD 3.7

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Single Float / DOUBLE CT Option
- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset mode (user selectable)

HYDROPHONIC TIMER

Dimensions(mm)

85H * 150W * 84D

1 Phase Preventer

Features

- Selectable (Secs, Mins, Hrs) Mode
- User Programmable cyclic timer
- Auto & Manual option
- Available with Timer Backup
- Available with Bypass option



MODEL: UT 1.2

VALVE TIMER

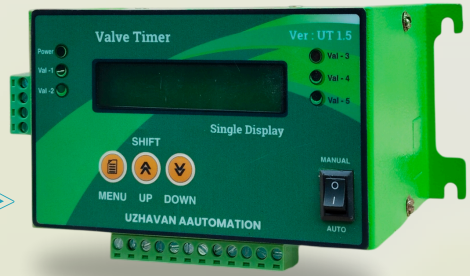
Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Controls upto 5 valves
- In Manual mode user can shift the valve manually
- Available with Timer Backup
- Selectable (Secs, Mins, Hrs) Mode
- Adjustable Valve shifiting delay time



MODEL: UT 1.5

DRY RUN PREVENTERS

DRY RUN PREVENTER



MODEL: UV 1.1

Dimensions(mm)

85H * 150W * 84D

3 Phase Preventer

Features

- Cyclic timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection
- Low/High/ Different Volt protection
- LED Error indication
- Error Reset mode(user selectable)

3PH ORD TRIPLE MOTOR PANEL



Suitable For

- 3 Phase Motors

Dimensions(mm)

520H* 480W*140D

Features

- OLR Over Load Protection
- Motor Protected By individual MCBs
- Manual ON / OFF Option
- Operates either 1 motor/2 motors / 3 motors at same time
- LED Indication for motor running Status

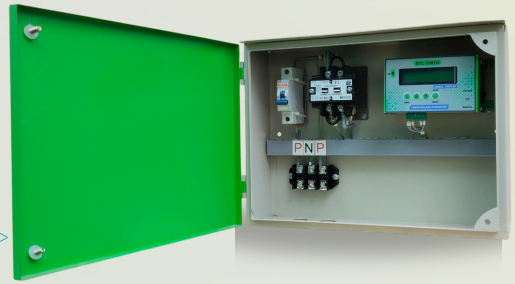
1PH RTC PANEL

Dimensions(mm)

265H* 355W*110D

Features

- Multiple ON & OFF Time
- Cyclic Timer
- User programmable timer
- Auto/ By Pass Option
- In 24 hours format
- Directly mounted on EB post



Suitable For

- 1 Phase Motors

3PH DOL TRIPLE MOTOR PANEL

Dimensions(mm)

520H* 480W*140D

Features

- Memory Backup Option
- Cyclic & Dry Run Reset Timer
- OLR Over Load Protection
- Low / High / Different Volt protection
- Operates either 1 motor/2 motors or 3 motors at same time



Suitable For

- 3 Phase Motors

DRY RUN PREVENTERS/PANELS

CONTROL PANELS



1PH OW WLC PANEL

Dimensions(mm)

225H* 225W*115D

Suitable For

- 1 Phase MONO Motors

Features

- Digital Amps & Volt Meter
- Maintains Water Level In UPPER & LOWER Tank
- Available with Single/Double Float Option
- Motor On LED Indication
- Auto / BYPASS Option



3PH DOL PANEL

Dimensions(mm)

265H* 355W*110D

Suitable For

- 3Phase Motors

Features

- Cyclic Timer
- Dry Run Reset & Maximum Run Time
- Dry/Over load Protection
- Low/High/Different Volt Protection
- LED Error Indication
- Error Reset Mode(User Selectable)

Dimensions(mm)

440H* 400W*140D

Suitable For

- 1+3Phase Motors

Features

- Low & High volt protection
- Digital Amp and Voltmeter
- Adjustable Auto & Delta time
- 1 time volt error reset option
- LED Error indication
- User friendly plug & play option



1+3PH ORD PANEL

Dimensions(mm)

265H* 355W*110D

Suitable For

- 1 Phase Motors

Features

- Single Float Option (Fully & Semi Automatic)
- Cyclic Timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication



1PH FULLY AUTOMATIC PANEL



1+3PH 2M PANEL

Dimensions(mm)

520H* 480W*140D

Suitable For

- 1+3Phase Motors

Features

- Cyclic Timer
- Dry Run Reset&Maximum Run Time
- Dry/Over load Protection
- Low/High/Different Volt Protection
- LED Error Indication
- Error Reset Mode(User Selectable)



1+3PH DOL & SD PANEL

Dimensions(mm)

660H* 600W*150D

Suitable For

- 1+3Phase Motors

Features

- Cyclic Timer
- Dry Run Reset&Maximum RunTime
- Dry/Over load Protection
- Low/High/Different Volt Protection
- Operates 2 motors/ 1 motor in 2 Phase and 3 Phase
- Error Reset Mode(User Selectable)

CONTROL PANELS



1+3PH DOL PANEL

Dimensions(mm)
440H* 400W*140D

Suitable For
- 1+3 Phase Motors

Features
- Cyclic Timer
- Dry Run Reset & Maximum Run Time
- Dry/Over load Protection
- Low/High/Different Volt Protection
- LED Error Indication
- Error Reset Mode(User Selectable)



1+3PH SD PANEL

Dimensions(mm)
520H* 480W*140D

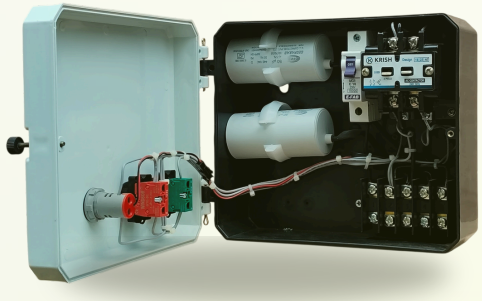
Suitable For
- 1+3Phase Motors

Features
- Single Float / DOUBLE CT Option
- Cyclic Timer
- Dry Run Reset & Maximum Run Time Option
- Dry / Over load protection & LED indication
- Low / High / Different Volt protection
- Error Reset Mode (user selectable)

Dimensions(mm)
207H* 237W*100D

Suitable For
- 1 Phase Motors

Features
- Starting and Running Capacitor
- Digital Amps Meter
- Digital Volt Meter
- Over Load Protection
- Plastic Enclosure



1PH ORD PANEL

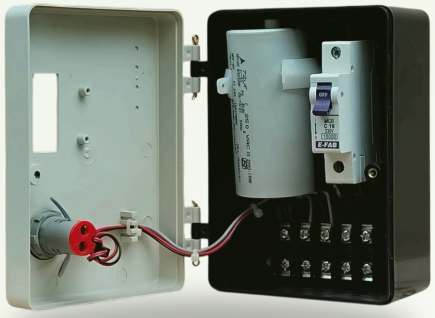
Dimensions(mm)
240H* 225W*110D

Suitable For
- 1 Phase Motors

Features
- Starting and Running Capacitor
- Analog Amps Meter
- Analog Volt Meter
- Motor On LED Indication
- Over Load Protection
- Metal Enclosure



1PH ORD PANEL



1PH OW PANEL

Dimensions(mm)
172H* 122W*82D

Suitable For
- 1 Phase Motors

Features
- Digital Amps Meter
- Digital Volt Meter
- Motor On LED Indication
- Over Load Protection
- Plastic Enclosure



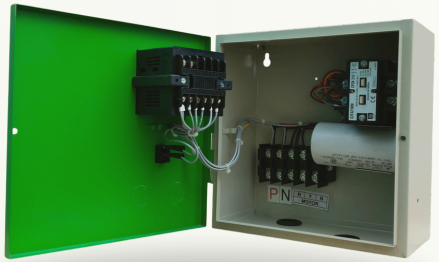
1PH OW PANEL

Dimensions(mm)
200H* 115W*70D

Suitable For
- 1 Phase Motors

Features
- Motor On LED Indication
- Over Load Protection
- Metal Enclosure

CONTROL PANELS



1PH SEMI AUTOMATIC PANEL

Dimensions(mm)

225H* 225W*115D

Suitable For

- 1 Phase Motors

Features

- Maximum Run Time
- Low Voltage Protection
- High Voltage Protection
- Over & Dry load protection
- Float option (only OFF control)
- With Running Capacitor



3PH 2M FOGGER PANEL

Dimensions(mm)

440H* 400W*140D

Suitable For

- 3 Phase Motors

Features

- Cyclic Timer
- Dry Run Reset & Maximum Run Time
- Dry / Over load Protection
- Low / High / Different Volt Protection
- LED Error Indication
- Error Reset Mode(User Selectable)

Dimensions(mm)

440H* 400W*140D

Suitable For

- 3 Phase Motors

Features

- Cyclic Timer
- Dry Run Reset & Maximum Run Time
- Dry/Over load Protection
- Low/High/Different Volt Protection
- LED Error Indication
- Error Reset Mode (User Selectable)
- operates 1 motor / 2 motors / one-by-one alternatively using timer



3PH 2M PANEL

Dimensions(mm)

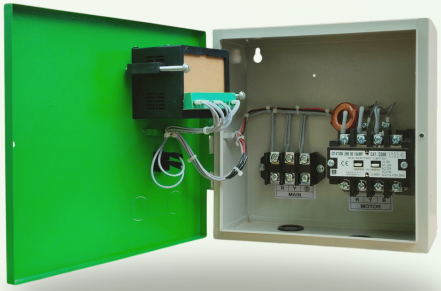
225H* 225W*115D

Suitable For

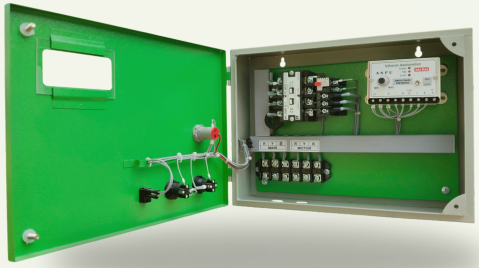
- 3 Phase Motors

Features

- Cyclic Timer
- Dry Run Reset & Maximum Run Time
- Dry / Over load protection
- Low/High/Different Volt protection
- LED Error indication
- Error Reset Mode (user selectable)



3PH DOL ECONOMIC PANEL



3PH ORD PANEL

Dimensions(mm)

265H* 355W*110D

Suitable For

- 3 Phase Motors

Features

- Phase Sequence Sensing
- Analog Amps & Volt Meter
- Single Phase Prevention
- Imbalance Voltage Sensing
- OLR Over Load Protection
- Automatic ON Option



3PH SD PANEL

Dimensions(mm)

440H* 400W*140D

Suitable For

- 3 Phase Motors

Features

- Single Float / DOUBLE CT Option
- Cyclic Timer
- Dry Run Reset & Maximum Run Time Option
- Dry/Over load protection&LED indication
- Low / High / Different Volt protection
- Error Reset Mode (user selectable)