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Mfg. By: JAY ELECTRONICS & CONTROLS

437/58, Amar Estate, Opp. Bhikshuk Gruh,

Mobile Operating Auto Switch Optional** Auto Switch + O/L System Over Load & Dry Run Set By Mobile

Type: GSM

GSM Based Technology

Auto – Switch

Modals WTF

Feature

Starting time Delay-1min (Approx.) Gives Satisfactory Result for any H.P. Motor LED Indication

Reverse Phase Protection

230,415 VAC / 50 Hz

No need of operator Phase Failure Protection

Automatically Start the motor

- : Suitable for DOL & FASD Starter WTS : Suitable for Oil Filled Bentex Starter (9 Wires) **WDS** : Suitable for Semi Star-Delta Starter
- WTF-M: Suitable for DOL & FASD Starter **DIN Rail Mounting** JSA : Suitable for Single Phase Starter

230,415 VAC / 50 Hz

Auto - Switch RF/// **Feature**

Automatically Start the motor No need of operator **Phase Failure Protection** Starting time Delay-1min (Approx.) Gives Satisfactory Result for any H.P. Motor



WTF Smart : Suitable for DOL & FASD Starter

LED Indication

Modals

WTF-RF

WTS-RF

WDS-RF

Automatically Start the motor No need of operator Phase Failure Protection Starting time Delay-0.5 To 10min (Approx.) Gives Satisfactory Result for any H.P. Motor **Digital Display Indication**

With High & Low Voltage Cut Off

Application

Current Range

OLR Can be used for 3 Phase Motor

& ATS Control Panel & Starter

• 4-20 A, 10-100 A, 40-200 A

Protection Unit in DOL, STAR-DELTA

Modal Universal Feature

415 VAC / 50 Hz

(9 Wires)

: Suitable for DOL & FASD Starter

: Suitable for Oil Filled Bentex Starter

: Suitable for Semi Star-Delta Starter

Suitable for DOL & FASD Starter Digital V&A Meter With time delay Overload & Dry-Run Setting (Auto/Manual)



Automatic Liquid Level Control

Feature

Manual On & Auto Off Facility

No Man Power Requirement

• 230,415 VAC / 50 Hz

Fully Automatic

Modals

• Electronic Start-Stop Push Button

Auto – manual Facility

: Suitable for 1 Phase Motor up to 2 H.P. or

Monoset Sub. Pump With MCB Type Panel

(1) A water Flow continue(90 sec.) on flow

: Only overhead tank control with overload & SPP Protection

: Suitable with DOL & FASD Starter for 3 Phase motor

: Liquid level indicator with 4 level & 5 sensor

(1) Liquid level indicator with 20 level & 21 sensor

Weather Proof Plastic Body Long life

Wall Mounting & DIN Rail Mounting



Mobile Auto Switch

 Phase Failure Protection Reverse Phase Protection Voltage Unbalance Protection

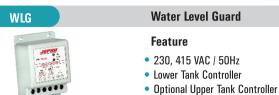
 Also Available in DIN-RAIL Mounting **Electronics Panel Timer** Feature Star-Delta & ATS timer (3-30 Sec.)

• 230, 415 VAC / 50Hz

ELECTRONICS OVER LOAD & DRY RUN RELAY

Feature

Also Available in DIN-RAIL Mounting





APSC

 Dry Run Protection Working / Bypass Switch Set O.K. LED Indication High & Low Voltage Cut Off Also Available in Din-Rail Mounting

Application

Over Load Relay

Overload Protection

Current Range 4-20 A, 10-100 A, 40-200 A **Automatic Phase Sequence Corrector Feature** Auto Phase Sequence Corrector

Micro Controller Based Technology

With Single Phase Preventer

Voltage Unbalance 45 ± 5V

Din Rail Mounting

OLR Can be used for 3 Phase Motor Protection Unit

in DOL, STAR-DELTA & ATS Control Panel & Starter

Digital Time Switch

Feature



By Default real_time display Crystal Accurate real time Clock 14 ON-OFF time set facility

Current Range

1 to 10 A

4 to 20 A

10 to 30 A

Application

Suitable for ATM,

Office, Home Etc.

Current Range

▶ 16 Amp.

Adjustable Overvoltage Setting

Tripping Time Delay 4 TO 7 Sec LED Indicator

Micro Controller Based Technology

Feature

DIN Rail Mountable

START – STOP Control By MCB

Low & High Voltage Cut off

(3mA - 50mA)

Application

electric shock

Range

Single Phase & Three Phase Pump Protection Relay

Digital V/A Meter

Phase Failure Protection

Reverse Phase Protection

 Overload Protection Optional DRY-RUN Protection

LED indication

 Pumppro Can be used for 3 Phase Motor Protection Unit in DOL, STAR-DELTA & ATS Control Panel & Starter

Feature

• 415 VAC ±20% / 50Hz

increases on any phase

Phase is indicated by LED Signal

through MCB

8-20 A, 16-40 A, 32-80 A, 60-100 A, 80-200 A

Phase Changer for House /

Voltage Unbalance Protection

Current Unbalance Protection

Also Available in Din-Rail Mounting

Inbuilt heavy duty relay to avoid short circuit
Capable to shift and re-shift the load from one

phase to another phase automatically when load

Facility of Cut-off to avoid fluctuation of low voltage

Over Load & Short Circuit Protection is provided

Feature

Safety Against

 Single Phase: 32 Amp. Three Phase: 32 Amp & 63 Amp.

Overload & Dry Run Auto/Manual Setting

LED Indication

Adjustable Leakage Current Setting

ELCB Shuts Down Whenever Any

equipment against Surge Current

One Phase or neutral is Absent

Restart time delay to protect

Emergency bypass Possible

Also Available 10 Auto Model

To Protect Human Life from

 High & Low voltage, Earth Leakage, Electric Shock, Surge Protection

Upto 250 Amp

1 N/O Output

No Man Power Requirement

500 Hours Battery Backup

No Data less Problem

7 segment LED Display

LLC-1 LLC-1/S

LLC-1/S/C

LLC-3/S-OL

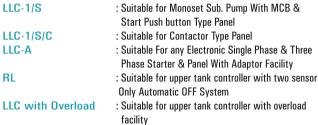
LLC-3D

LLI

LLC-A

RL

LLC



LLC with Flow Sensor: Flow Sensor put ahead input water valve in

under tank

sensor after controller is start in working LLC with AUTO Reset: Upper & Lower Tank Controller with Auto Reset time : Suitable with DOL & FASD Starter for 3 Phase motor LLC-3 LLC-3/S : Suitable for Direct use with DOL motor Up to 5 H.P. (1) Phase Failure Protection (2) Reverse Phase Protection

(2) Optional Liquid level indicator with ON-OFF Facility(6 A) : S.S. Sensor & Magnetic Sensor **SENSOR Digital Cyclic Timer** DCT **Feature**

Power on reset

(1) DIN Rail Mounting

 Micro controller based technology Cyclic timer, off timer, laundry timer Easy to program through display Din rail mountable Supply: 230v/415v (16 amp. @ 230v) Time range: 1-99 sec. / min. / hour

• Applicable for street light • Hording boards Automatic Electric bell System for office and school etc. Digital time switch is used to automatically ON-OFF any electrical item Based on time • Current Range: 16 Amp, 6 Amp

JSC

Feature

230 VAC ± 20% / 50 Hz

Application

JDTS

Application Air Conditioner Mono Block Electric motor

Aata Maker

Pressure Pump

Single Phase Electronic Starter

JSC-A: Electronic Overload Protection • Easy to set Overload & DRY-RUN : High and Low Voltage Protection setting using SET OK LED Signal JSC-D : Dry-Run Protection DRY-RUN By-Pass Switch JSC-A: Auto Start With **Digital Starter ON Time Delay Facility** Micro Controller Based Technology

Digital Volt/Amp Meter Over Load & Dry Run Setting Auto/ Adjustable Auto ON-OFF Time Delay • Facility: To Connect LLC-A Adaptor system



DUAL AC Timer

DAT

HVC



ELCB + MCB Feature FLCB

Servo

.

Application

Automation Machinary

Servo Controlled & Automatic Voltage Stabilizer **Feature** Available in Single Phase and Three Phase • 170-270 V input Range for Single Phase

Inbuilt Protection Unit Phase Indication Lamp Accuracy ± 1% Also Available Digital Servo In Overload Protection • Upto 500 KVA in 3 Phase & 20 KVA in Single Phase

Ex: Medical Machinary, Mechanical Machinary, CNC, VMC

Feature

360-460 V input Range for Three Phase

 Available in Single Phase 220 ± 10% output

Available in single and Double StageWall Mounting & Table Mounting

• 95% to 98% efficiency at Full Load

Range: Upto 10 KVA Voltage Range : Upto 90 V to 300 V **Application** T.V., Refrigerator, Computer, Deep Freezer, AC etc. for Accurate Power Supply

Feature

Auto - Manual Facility

Variable Sensitivity setting

AUTO - PHOTO is an Automation unit to ON-OFF street light type application

controlled by natural day light where manual control becomes physically

tedious due to large distance Applicable for street light &

hoarding board etc.

ACS 1

ACS 3

Indoor & outdoor model

Power ON indication

Application

Automatic Light control Switch



ALC

Generator Change over Switch



 Suitable for 3ø Generator Set & 3ø supply - 30- Amp. Suitable for 3ø Generator Set & 3øsupply- 60- Amp



ELMS

JSC-RE

Feature

And Overload

Digital V/A Meter

. Only Run Capacitor With High / Low Cut Off

Off Timer (03min. to 30 min.) and adaptor Facility

Current Range

Controlling

Thermal Relay

Earth Leakage Relay

6-10A, 9-14A, 13-21A, 20-32A

ELR

• (Optional)** Dry-Run, Auto Start

Feature

 1-10 A, 4-12A,8-20A Controlling JSC Starter

Volt. &Amp. Meter Provided

With Start & Run Capacitor

Metal Box with Powder Coating

Current Range: 10 16 20 25

Motor ON indication

Controlling: MCB

• High & Low Voltage Protection

Optional DRY-RUN Protection

Easy to set O/L & D/R setting

using SET OK LED Signal

Overload Protection

6A, 16A, 25 A, 30A Capacity Available

PUMPPRO-CT

Application

Current Range

 Suitable for 1ø & 3ø supply for auto stop of Generator set on resumption of main supply 30 Amp Capacity ACS 1/3 **Feature**

Feature

Feature

JSC-SW

PHCH

Range: 63 A

Dry-Run bypass Switch Metal Box With Powder Coating With Start & Run Capacitor **Current Range ELM Feature** Overload by MCB

ELCW-0

MCB With Fuse

With V&A Meter

DUCS

Oil Cooled Contactor Panel

Also Available Fully Auto Panel

Current Range

Controlling

Electronic Relay

1-12A, 8-20A, 10-30A, 16-40A

Application

Thermal Overload Relay

Automatic Start to Run by 2 Sec. High & Low Voltage Protection Overload Protection Optional Dry-Run Protection Optional ON time Delay Facility Easy to set O/L & D/R setting

Feature Only Run Capacitor

Plastic Body

• 0 + 36,0 + 50,0 + 72 mfd only

Motor ON LED Indication

Controlling: MCB

MCB Controlled Overload Protection

Current Range: 10,16,20,25 A

Using SET OK LED Signal

Metal Box with Powder Coating

Optional Adaptor Facility to Make System Fully

Automatic With Liquid Level Controller LLC-A

Current Range: 1-10 A, 4-12 A,8-20A Controlling: Electronic Starter Circuit

With Start & Run Capacitor

Feature

EOCW-S Digital Controller One Touch Load Set & Jepro SOR Relay With BCH Manual Load Set With V/A Meter Type Contactor and V/A Meter. Digital Controller And High/Low Cut Off • (Optional)** Dry-Run Facility, • (Optional)**Dry Run Facility, Fully Automatic Control Panel ON & OFF Timer, Fully Automatic Control Panel. **ELCW (Contactor Relay Type) ELCW (Contactor With Electronic Relay Type)** Thermal over load relay with contactor Volt. & Amp. Meter Provided Electronic Relay with BCH Type contactor Motor On indication Volt. & Amp. Meter Metal Box with powder coating Motor On indication With Start & Run Capacitor Easy to Set O/L & D/R Setting Using SET OK LED Signal

Optional DRY-RUN System

Metal Box With Power Coating

With Start & Run Capacitor

Monitors, detects & protects power systems from leakage fault.

Bypass & Reset Switch

Feature

Selectable range : 50mA to 2000mA

Supply voltage: 110-240V AC, 220-415V AC

• Trip time: Less than 50 mili Sec. • Compact in size.





to 7.5 H.P.

Current Range

DOL Electronic Panel

Application

Suitable for 3 Phase motor up to 10 H.P.

• 415 VAC ± 20% / 50 Hz High & Low Voltage Protection

Electronic Over Load Protection

Feature

 Optional DRY-RUN Protection Optional Auto Start Facility Dry run by pass switch Easy to Set Overload & DRY-RUN Setting Using SET OK LED Signal White Colour Powder Coated Metal Body

• Protection against reverse phase, phase failure, unbalance

 1-10 A, 4-20 A, 8-20A, 10-30 A
 Facility: To Connect LLC-A Adaptor system **Feature** Protection against reverse phase, phase failure, unbalance voltage protection Optional Auto On Facility

Overload Protection

Indication Lamp

Contactor With Electronic Relay

Optional DRY-RUN Protection

Current Range

• 1-10A, 4-20A

Bypass & Reset Switch

With Volt. & Amp. Meter

voltage protection



JRCP

Three Phase D.O.L. Reverse Phasing Change Over Panel

Overload, Single Phase preventer with V & A Meter

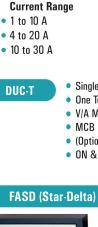
 Auto Phase Change Over Panel Micro Controller Based Technology

• (Optional)** Dry Run Facility

 Indication Lamp START-STOP Push Button Three Phase Duty Stand By Panel For Two Pump Control

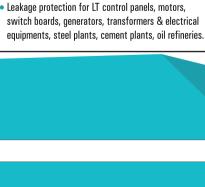
JTC

Application Suitable for 3 Phase



Motor Up to 7.5 H.P.

Feature Phase Failure Protection Reverse Phase Protection Electronic Overload Protection





Feature

• 415 VAC ± 20% / 50 Hz

Phase Failure Protection

Optional ON time delay Facility

Easy to Set Overload & DRY-RUN

Setting Using SET OK LED Signal

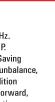
• Facility: To Connect LLC-A Adaptor system

Dry run by pass switch

. White Colour ABS Body



 Optional DRY-RUN Protection Optional Auto ON after resumption of power supply Lamp Indication Powder Coated Metal Body Suitable for 3 phase Motor Up to 25 H.P.



Three Phase Digital Inverter D.O.L. Panel Available from 1HP to 100HP.Speed controller & Energy Saving Supply whether balance or unbalance, output always balance condition



DOL Electrical Panel Feature Phase Failure protection Reverse Phase Protection Voltage Unbalance Protection Auto ON Facility Auto Switch with Contactor-Relay **Application Current Range** Suitable for 3 phase Motor Up to 7.5 H.P.
 6-10A, 9-14A, 13-21A

> Supply 220V-480V AC , 50Hz. Supply whether reverse or forward, output always forward direction. Protection against High voltage, Earth leakage, Overload, short circuit, Single phasing.

> > **Application**

Suitable for 3 Phase Motor.