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ELECTRONICS

SINTEC







Technology That
Energizes Functionality !

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Company Profile

OCLEG CONTROLS, An ISO: 9001-2015 Certified Company Based In Ahmedabad Has Been A Pioneer And Leader In The Manufacturing Of Electronic Control And Switchgear Products. **"OCLEG"** Continues To Innovate And Improve Its Products With The Latest Technology. Quality, Prompt Delivery And Reliability Are The Most Important Aspects Of Our Company.

"OCLEG" Mission Is To Make Significant Contribution To The Life Quality Enhancement By Producing Innovative Electronic Equipments That Work With Improved Performance While Ensuring A High Degree Of Reliability.

Our Motto Is To Satisfy Our Valued Customers With Good Quality Of Products And Prompt timely Delivery Schedule.

We Are A Team Of Engineers And Technocrats Having Experience Of More Than 35 Years And Serving A Wide Spectrum Of Customers And Various Industries.

"OCLEG" Is Committed To Offer Our Customers Worldwide:

- **Uncompromising Quality**
- **Competitive Prices**
- **Prompt Delivery Schedules**
- **Excellent Service**

The Quality Products Of **"OCLEG"** are The Result Of Most Efficient State-of-the Art Production, Machinery And Most Modern Testing Laboratory To Ensure Complete Quality Assurance Of The Products With Strong Presence In National & International Markets.

Our Company Is Backed With A Robust Infrastructure Setup Consisting With Modern Machineries And All In-house Production Facility As Well As A Capable R&D, Logistics And Customer Care Department.





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PRODUCT RANGE

TITLE	PAGE NO.
1. SINGLE PHASE SUB. CONTROL PANEL	1 TO 5
2. SINGLE PHASE OPENWELL PUMP STARTER	6 TO 7
3. THREE PHASE DOL MOTOR STARTER	8 TO 9
4. THREE PHASE DOL CONTROL PANEL	10 TO 11
5. STAR DELTA CONTROL PANEL	12
6. AUTO SWITCH	13
7. DIGITAL PANEL METERS	14
8. SINGLE PHASE ELECTRONIC STARTER	15 TO 16
9. AUTOMATIC WATER LEVEL CONTROLLER	17
10. EARTH LEAKAGE CIRCUIT BREAKER (ELCB)	18
11. DIGITAL TIME SWITCH & CLOCK	19
12. PHASE FAILURE RELAYS	20
13. MOTOR / PUMP PROTECTION RELAY	21
14. TIMERS	22
15. OVER VOLTAGE PROTECTOR & PHASE CHANGER	23
16. AUTOMATIC VOLTAGE STABILIZER	24

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1.1 MCB SMART (MCB TYPE)



SPECIFICATION

- Digital / Analog Volt-Amp Meter
- Only MCB Type Control Panel (No Contactor)
- Thermal Over Load Protection by MCB
- Start+Run Capacitor, Start / Stop Push Button
- Metal Box With Powder Coating

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	MCB
1	1.0	100/120 MFD	36 MFD	10 A
2	1.5	150/200 MFD	72 MFD	16 A
3	2.0	200/250 MFD	72 MFD	20 A



- **Application :**
  Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.



1.2 ECO - SMART (MCB WITH CONTACTOR TYPE)

SPECIFICATION

- Digital Volt-Amp. Meter
- With Power Contactor & MCB Type
- Overload Protection by MCB
- Start+Run Capacitor, Start / Stop Push Button
- Metal Box With Powder Coating

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	MCB
1	1.0	100/120 MFD	36 MFD	10 A
2	1.5	150/200 MFD	72 MFD	16 A

- **Application :**
  Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

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1.3 i SMART (RELAY WITH CONTACTOR TYPE)

SPECIFICATION

- Digital / Analog Volt-Amp. Meter
- With Power Contactor And Thermal Relay
- Thermal Over Load Protection
- Start+Run Capacitor, Start / Stop Push Button
- Metal Box With Powder Coating
- With Power Contactor + Thermal Relay

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	RELAY RANGE
1	1.0	100/120 MFD	36 MFD	6-10 A
2	1.5	150/200 MFD	72 MFD	9-14 A
3	2.0	200/250 MFD	72 MFD	13-21 A
4	3.0	200/250 MFD	50+50 MFD	20-32 A





Application :
Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.





1.4 i-SMART (MCB WITH CONTACTOR TYPE)

SPECIFICATION

- Digital / Analog Volt-Amp. Meter
- With Power Contactor & MCB Type
- Overload Protection by MCB
- Start+Run Capacitor, Start / Stop Push Button
- Metal Box With Powder Coating

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	MCB
1	1.0	100/120 MFD	36 MFD	10 A
2	1.5	150/200 MFD	72 MFD	16 A
3	2.0	200/250 MFD	72 MFD	20 A
4	3.0	200/250 MFD	50+50 MFD	25 A

Application :
Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

2.1 i-PRO (DRY RUN TYPE)

SPECIFICATION



- Digital Volt-Amp. Meter
- Electronic Over Load & Dry Run Protection
- High Voltage Protection
- Automatically Set Overload & Dry-Run Setting By Pressing "SET" Key
- With Automatic "OFF-TIMER" Facility for 1-999 minute (optional)
- Start+Run Capacitor & Start/Stop Push Button

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	RELAY RANGE
1	1.0	100/120 MFD	36 MFD	2-25 A
2	1.5	150/200 MFD	72 MFD	2-25 A
3	2.0	200/250 MFD	72 MFD	2-25 A
4	3.0	200/250 MFD	50+50 MFD	2-30 A

Application :
Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

2.2 MAXI PRO (DRY RUN WITH OFF TIMER FACILITY)





SPECIFICATION

- Digital / Analog Volt-Amp. Meter
- Electronic Over Load & Dry Run Protection
- Low/High Voltage Protection
- Automatically Set Overload & Dry-Run Setting By Pressing "SET" Key
- With Automatic "OFF-TIMER" Facility for 1-999 minute
- Start+Run Capacitor & Start/Stop Push Button

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	RELAY RANGE
1	1.0	100/120 MFD	36 MFD	4-25 A
2	1.5	150/200 MFD	72 MFD	4-25 A
3	2.0	200/250 MFD	72 MFD	4-25 A
4	3.0	200/250 MFD	50+50 MFD	4-25 A

Application :
Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

2.3 EW-ALPHA (WITH AUTO START FACILITY)

SPECIFICATION



- Fully Automatic Electronic Control Panel
- Automatic Cutting of Start Capacitor after 2 Second
- Digital Volt - Amp. Meter
- Electronic Over Load & Dry-run Protection
- Low/ High Voltage Protection
- With Extra Facility of inbuilt Auto-switch
- Auto Start Your Pump After Resumption Of Power Supply (30 Sec. Time Delay)
- With Automatic "CYCLIC-TIMER" Facility (Optional)
- With Automatic "OFF-TIMER" Facility (Optional)

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	RELAY RANGE
1	1.0	100/120 MFD	36 MFD	2-25 A
2	1.5	150/200 MFD	72 MFD	2-25 A
3	2.0	200/250 MFD	72 MFD	2-25 A
4	3.0	200/250 MFD	50+50 MFD	2-30 A

Application :

Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

3.1 JAL SANCHAY

SPECIFICATION

- Fully Automatic Electronic Control Panel
- Automatic Cutting of Start Capacitor after 2 Sec.
- Digital Volt - Amp. Meter
- Electronic Over Load & Dry-Run Protection
- Low/High Voltage Protection
- Inbuilt two tank " Water Level Controller" Facility



SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	RELAY RANGE
1	1.0	100/120 MFD	36 MFD	2-20A
2	1.5	150/200 MFD	72 MFD	2-20A



Application :
Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

3.2 EW - ALPHA - LLC





SPECIFICATION

- Fully Automatic Electronic Control Panel
- Automatic Cutting of Start Capacitor after 2 Sec.
- Digital Volt - Amp. Meter
- Electronic Over Load & Dry-Run Protection
- Low/High Voltage Protection
- Inbuilt two tank " Water Level Controller" Facility

SR NO.	H.P.	START CAPACITOR	RUN CAPACITOR	RELAY RANGE
1	1.0	100/120 MFD	36 MFD	2-25A
2	1.5	150/200 MFD	72 MFD	2-25A
3	2.0	200/250 MFD	72 MFD	2-25A
4	3.0	200/250 MFD	50+50 MFD	2-30A

Application :
Submersible/Monoblock Pumpset For Drawing Water In Residence, Commercial, Farming, Gardening.

4.1 OSS-MCB (MCB TYPE)

SPECIFICATION

- Over Load Protection by MCB
- Only Run Capacitor
- Motor On Indication
- Weather Proof Plastic Enclosure



SR NO.	H.P.	RUN CAPACITOR	MCB
1	0.5	30 MFD	6 A
2	1.0	36 MFD	10 A
3	1.5	50 MFD	16 A
4	2.0	72 MFD	20 A

- **Application :**
  Oil Filled Pump & Openwell Submersible Pump



4.2 DIGI-MCB (DIGITAL METER)

SPECIFICATION

- Digital Volt - Amp Meter
- Over Load Protection by MCB
- Motor On Indication
- Only Run Capacitor
- Weather Proof Plastic Enclosure

SR NO.	H.P.	RUN CAPACITOR	MCB
1	0.5	36 MFD	10A
2	1.0	36 MFD	10A
3	1.5	50 MFD	16A
4	2.0	72 MFD	20A

- **Application :**
  Oil Filled Pump & Openwell Submersible Pump

4.3 DIGI-RE (ELECTRONIC TYPE)

SPECIFICATION

- Digital Display for Volt & Amp. Meter
- Only Run Capacitor
- Electronic Start/Stop Push Button
- Weather Proof Plastic Enclousure
- High Voltage & Low Voltage Protection
- Electronic Over Load Protection
- Dry-Run Protection (optional)
- With Automatic OFF-TIMER Facility (optional)



SR NO.	H.P.	RUN CAPACITOR	RELAY RANGE
1	0.5/1.0	36 MFD	2 - 25 A
2	1.5	50 MDD	2 - 25 A
3	2.0	72 MFD	2 - 25 A

- **Application :**
  Oil Filled Pump & Openwell Submersible Pump





4.4 DIGI-RE LLC
(WITH WATER LEVEL CONTROLLER)

SPECIFICATION

- Digital Display for Volt & Amp. Meter
- Only Run Capacitor
- Electronic Start/Stop Push Button
- Weather Proof Plastic Enclousure
- High Voltage & Low Voltage Protection
- Electronic Over Load Protection
- Dry-Run Protection (optional)
- With inbuilt Water Level Controller

SR NO.	H.P.	RUN CAPACITOR	RELAY RANGE
1	0.5/1.0	36 MFD	2 - 25 A
2	1.5	50 MDD	2 - 25 A
3	2.0	72 MFD	2 - 25 A

- **Application :**
  Oil Filled Pump & Openwell Submersible Pump

5.1 DOL STARTER (MK-1 TYPE)

SPECIFICATION

- MK-1 type Contactor & Thermal Relay
- Thermal Overload Protection
- Powder Coated Sheet Metal Enclosure

SR NO.	H.P.	RELAY RANGE	CONTACTOR TYPE
1	3.0	6-10 A	MK-1
2	5.0	9-14 A	MK-1
3	7.5	13-21 A	MK-1
4	7.5 **(Heavy)**	13-21 A **(DMC)**	MK-1
5	10.0 **(Heavy)**	20-32 A **(DMC)**	MK-1



▸ Application :
Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.



5.2 OTW (ELECTRONIC TYPE)

SPECIFICATION

- Electronic Start/Stop Push Button
- Accurate overload Protection
- With Dry Run Protection (Optional) Model OTW-D
- Extreme High Voltage Protection
- Phase Failure Protection (SPP)
- Reverse Phasing & Unbalance Voltage Pretection
- "Auto / Manual" Mode Selector Switch (Optional) Model OTA
- Auto Start Facility Provided with starting time delay
- Engineering Grade Plastic Enclosure
- Can Be Used Up to 7.5 Hp DOL Motor/Pumps.

SR NO.	H.P.	RELAY RANGE
1	3.0	4-10 A
2	5.0	8-20A
3	7.5	8-20 A

▸ Application :
Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.

5.3 ODP-306 (DIGITAL TYPE)

SPECIFICATION

- Digital Volt-Current Meter with C.T
- Accurate overload Protection
- With Dry Run Protection (Optional).
- Extreme High Voltage Protection
- Phase Failure Protection (SPP)
- Reverse Phasing & Unbalance Voltage Pretection
- "Auto / Manual" Mode Selector Switch
- Auto Start Facility Provided with starting time delay
- Set Over Load/ Dry run Automatically by Pressing only "SET" key ("Auto-Set" System)
- Inbuilt " CYCLIC TIMER / OFF TIMER" Facility (Optional)



SR NO.	H.P.	RELAY RANGE
1	3.0	2-25 A
2	5.0	2-25 A
3	7.5	2-25 A

▸ Application :

Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.





5.4 ODP-306-LLC

(With Automatic Water Level Controller)

SPECIFICATION

- Digital Volt-Current Meter with C.T
- Accurate overload Protection
- With Dry Run Protection (Optional).
- Extreme High Voltage Protection
- Phase Failure Protection (SPP)
- Reverse Phasing & Unbalance Voltage Pretection
- Set Over Load/ Dry run Automatically by Pressing only "SET" key ("Auto-Set" System)
- Inbuilt Automatic Water Level Controller Facility

SR NO.	H.P.	RELAY RANGE
1	3.0	2-25 A
2	5.0	2-25 A
3	7.5	2-25 A

▸ Application :

Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.

6.1 SMART PRO (RELAY TYPE)

SPECIFICATION

- Digital Volt-Amp. Meter
- Contactor & Thermal Relay Type
- Thermal Overload Protection by Relay
- Phase Failure Protection
- Inbuilt AUTO- SWITCH

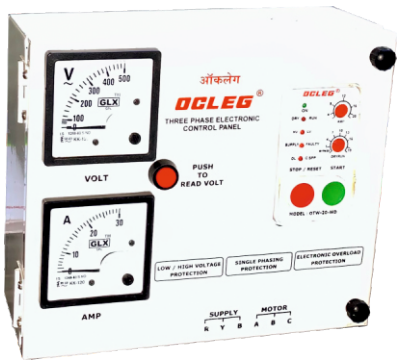
SR NO.	H.P.	RELAY RANGE	CONTACTOR TYPE
1	3.0	6-10 A	MK-1
2	5.0	9-14 A	MK-1
3	7.5	13-21 A	MK-1
4	7.5 (HEAVY)	13-21 A	MU
5	10.0 (HEAVY)	20-32 A	MU
6	15 (HEAVY)	28-42 A	MU



Application :

Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.





6.2 MONO SMART (ELECTRONIC TYPE)

SPECIFICATION

- Digital / Analog Volt-Current Meter with C.T
- Accurate overload Protection
- With Dry Run Protection (Optional)
- Extreme High Voltage Protection
- Phase Failure Protection (SPP)
- Reverse Phasing & Unbalance Voltage Pretection
- "Auto / Manual" Mode Selector Switch (Optional)
- Auto Start Facility Provided with starting time delay
- Set Over Load/ Dry run Automatically by Pressing only "SET" key ("Auto-Set" System)
- Inbuilt " CYCLIC TIMER / OFF TIMER" Facility (Optional)
- Inbuilt Water Level Controller Facility (optional)

SR NO.	H.P.	RELAY RANGE
1	3.0	2-25 A
2	5.0	2-25 A
3	7.5	2-25 A

Application :

Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.

6.3 PHASER (WITH AUTOMATIC PHASE CHANGE FACILITY)

SPECIFICATION

- Digital Volt-Current Meter with C.T
- Accurate Overload & Dryrun Protection
- Extreme High Voltage Protection
- Phase Failure Protection (SPP)
- With Automatic Phase Change Facility
- "Auto / Manual" Mode Selector Switch
- Auto Start Facility Provided with starting time delay
- Set Over Load/ Dry run Automatically by Pressing only "SET" key ("Auto-Set" System)
- Inbuilt " CYCLIC TIMER / OFF TIMER" Facility (Optional)



SR NO.	H.P.	RELAY RANGE
1	3.0	2-25 A
2	5.0	2-25 A
3	7.5	2-25 A

▸ Application :

Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.

6.4 DOL PANEL (WITH MPD-HEAVY DUTY)

SPECIFICATION



- Digital Volt & Current Meter
- Micro Controller Based Digital Technology
- Over Current & Under Current (Dry Run) Protection
- Over Voltage & Under Voltage Protection
- Phase Failure & Reverse Phasing Protection
- "Auto / Manual" Mode Selector Switch
- Auto Start Facility Provided After Resumption of Power Supply
- Working / Bypass Facility for Digital Controller (Emergency)
- Heavy Duty Power Contactors
- MCB Provided for Short Circuit Protection
- Attractive Metal box with Powder Coating
- Facility for Automatic Water Level Controller (Optional)

SR NO.	H.P.	CONTACTOR (AMP)	RELAY RANGE
1	5.0 HP	18 A	2-45 AMP
2	7.5 HP	18 A	2-45 AMP
3	10 HP	20 A	2-45 AMP
4	15 HP	25 A	2-45 AMP
5	20 HP	32 A	2-60 AMP
6	25 HP	40 A	2-60 AMP
7	30 HP	65 A	2-100 AMP
8	40 HP	80 A	2-100 AMP
9	50 HP	95 A	2-100 AMP

▸ Application :

Induction Motor, Three Phase Dol Monoblock/ Openwell Pump Set For Drawing Water in Residence, Commercial, Farming, Gardening Purpose.

7.1 STAR DELTA CONTROL PANEL (ELECTRONIC TYPE)

SPECIFICATION



- Digital Volt-Current Meter With C.T
- All Protection Given by Digital Controller (Electronic Relay)
- Over Current & Under Current (Dry-Run) Protection
- Over Voltage & Under Voltage Protection
- Phase Failure Protection (SPP)
- Reverse Phasing & Unbalance Voltage Protection
- "Auto / Manual" Mode Selector Switch
- Auto Start Facility Provided With Starting time Delay
- Working / Bypass Facility for Digital Controller (Emergency)
- Set Over Current / Under Current Automatically by Pressing only "SET" Key ("Auto-SET" System)
- Heavy Power Contactors
- With Automatic Water Level Controller Facility (Optional)
- Motor On Indication
- Metal Enclousure with Powder Coating

▸ Application :

Three Phase Star Delta Motors Used in Farms / Pumping Station & Induction Motor

SR NO.	MOTOR (H.P)	RELAY RANGE (AMP)	TYPE
1	10	2 - 45 A	FASD
2	15	2 - 45 A	FASD
3	20	2 - 60 A	FASD
4	25	2 - 100 A	FASD

7.2 STAR DELTA CONTROL PANEL (RELAY TYPE)



SR NO.	H.P.	RELAY RANGE	TYPE
1	10	13-21 A	MU - FASD
2	15	13-21 A	MU - FASD
3	20	20-32 A	MU - FASD
4	25	28-42 A	MU - FASD

SPECIFICATION

- Digital Volt - Current Meter with C.T
- Over Load Protection by Thermal Relay
- Phase Failure Protection (SPP)
- Reverse Phasing & Unbalance Voltage Protection
- "Auto / Manual" Mode Selector Switch
- With Inbuilt Auto Switch Provided
- Heavy Power Contactors
- Start / Stop push Button
- Motor On Indication
- Metal Enclosure with Powder Coating

▸ Application :

Three Phase Star Delta Motors Used in Farms / Pumping Station & Induction Motor

8. AUTO SWITCH

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SPECIFICATION

- Auto Restart your Pump After Resumption of Power Supply
- Phase Failure Protection
- Reverse Phasing Protection
- Engineering Grade Plastic Enclosure

SR NO.	MODEL	IMAGE
1	OCLEG DOL (STANDARD)	
2	DIGITAL WTF (PREMIUM)	
3	SINTEC DOL (ECONOMICAL)	
4	SEMI (FOR STAR DELTA STARTER)	
5	DOL (TIMER)	
6	1 PHASE AUTO SWITCH	

Application :

For MCC Panels of Water Pump at Remote Farms, Unattainable Area

9.1 AVM, 3 PHASE

SPECIFICATION

- Digital Volt- Amp Meter With inbuilt C.T.
- R-Y-B Indication by Bright LED
- Indication Phase to Phase Voltage
- Indicates System Current
- Range : Up to 100 A



Application :

3-Phase Control Panel For Water Pumps / Motors

9.2 VA METER, 1 PHASE



SPECIFICATION

- Digital Volt- Amp Meter
- Motor on Indication
- With Current Transformer (C.T)
- Range : 30 A / 50 A

Application :

1-Phase Control Panel For Water Pumps / Motors

10.1 OSW

SPECIFICATION

- Supply 230V, 1Phase, Ac Supply, 50Hz
- High/Low Voltage Protection
- Electronic Over Load Protection
- Variable Current (Amp.) Setting
- Engineering Grade Plastic Enclosure

SR NO.	MODEL	RELAY RANGE
1	OSW - 16	4-16 AMP
2	OSW - 108	14-22 AMP



Application :

Domestic Pump, Induction Motor, Air-Conditioner, Television, Refrigerator, Domestic Flour Mill, Geyser and Cattle / Poultry Farm



10.2 OSW - T
(WITH AUTO START FACILITY)

SPECIFICATION

- High/Low Voltage Protection
- Electronic Over Load Protection
- Auto Restart with Time Relay
- Variable Current (Amp.) Setting
- Auto / Manual Start Facility
- Engineering Grade Plastic Enclosure

SR NO.	MODEL	RELAY RANGE
1	OSWT - 16	4-16 AMP
2	OSWT - 108	14-22 AMP

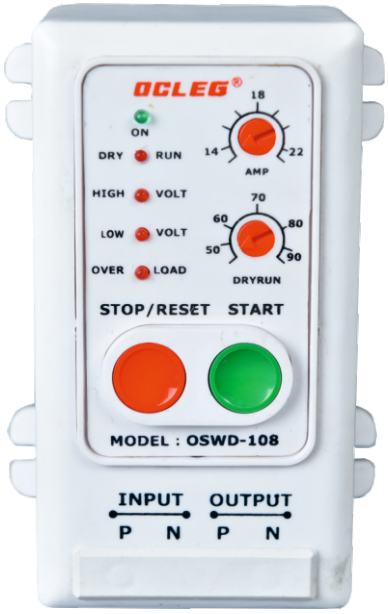
Application :

Domestic Pump, Induction Motor, Air-Conditioner, Television, Refrigerator, Domestic Flour Mill, Geyser and Cattle / Poultry Farm

10.3 OSW-D (DRY RUN TYPE)

SPECIFICATION

- Supply 230V, 1Phase, Ac Supply, 50Hz
- High/Low Voltage Protection
- Electronic Over Load Protection
- With Adjustable Overload & Dry Run Facility
- Engineering Grade Plastic Enclosure



SR NO.	MODEL	RELAY RANGE
1	OSWD - 20	2-20 AMP

Application :

For 1 Phase Submersible Pump Set



10.4 DIGI OSW (DIGITAL)

SPECIFICATION

- Digital Volt Amp. Meter
- High/Low Voltage Protection
- Electronic Over Load Protection
- With "CYCLIC-TIMER" Facility (optional)
- Engineering Grade Plastic Enclosure

SR NO.	MODEL	RELAY RANGE
1	DIGI-OSW	2 - 25 AMP

Application :

Domestic Pump, Induction Motor, Air-Conditioner, Television, Refrigerator, Domestic Flour Mill, Geyser and Cattle / Poultry Farm

11.1 LLC - 2 (DOMESTIC / OPEN WELL PUMP)



SPECIFICATION

- Supply 230V, 1 Phase, AC
- Suitable for Open Well Pump
- Also Used For Mono-Block & Domestic Pump
- Having only Running Capacitor type Starter

▸ Application :

MCC Panels of Water Pump In Hotels, House, High Rise Towers,
Housing Societies, IndustriesCommercial Complex, Municipal Water Stations

11.1 LLC - 2S (BOREWELL SUB. PUMP)



SPECIFICATION

- Supply 230V, 1 Phase, AC
- For Bore-Well Submersible Pump
- Suitable For Contactor / Relay Type & MCB type Panel
- Having Start & Run Capacitor type Panel

▸ Application :

MCC Panels of Water Pump In Hotels, House, High Rise Towers,
Housing Societies, IndustriesCommercial Complex, Municipal Water Stations

11.3 LLC-301 (3 PHASE)





SPECIFICATION

- Supply 415V, 3 Phase, AC
- For 3 Phase Submersible Pump / Motors

▸ Application :

MCC Panels of Water Pump In Hotels, House, High Rise Towers,
Housing Societies, IndustriesCommercial Complex, Municipal Water Stations

12.1 RAKSHAK

SPECIFICATION

- Electric Shock Protection
- Over Load & high-Low Voltage Cut-Off
- Short Circuit Protection by MCB
- With Surge Protection
- By Pass Facility
- Adjustable Leakage Current (mA) up to 50 mA
- Supply : 1 Phase 230V, 32 AMP





Application :

Residential Purpose Like House, Hotel,
Commercial Complex, High Rise Tower



12.2 i-GUARD (DIGITAL)

SPECIFICATION

- Digital Display for VOLT, AMP & Leakage Current
- High-Low Voltage Protection
- Overload & Leakage Current Adjustable
- Electric Shock Protection
- Bypass Facility
- Supply : 1 Phase, 230V, 30Amp

Application :

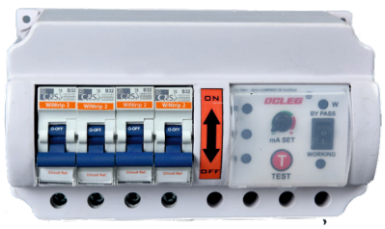
Residential Purpose Like House, Hotel,
Commercial Complex, High Rise Tower

12.3 RAKSHAK (3 PHASE)

SPECIFICATION

- Supply : 3 Phase 415V
- Over Load & High-Low Voltage Cut-Off
- Electric Shock & Short Circuit Protection
- Bypass Facility





Application :

Residential Purpose Like House, Hotel,
Commercial Complex, High Rise Tower, Industries, Offices

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13.1 OTS

SPECIFICATION

- Micro Controller Based Digital Technology
- Automatically Switch On/Off Your Appliance
- 2 Time / 24 Time On/Off Programme
- 500 Hours Battery Back Up
- LED Display For Unit On
- Engineering Grade Plastic Enclosure



Application :

Ideal For Outdoor and Street Lighting Application (Industrial, Municipal Corporation, Metros, Panchayats, Housing Societies, Apartments)
Glow Sign Board Lighting / Hoarding Lights, Pumps / Motors

13.2 ASTROLEG



SPECIFICATION

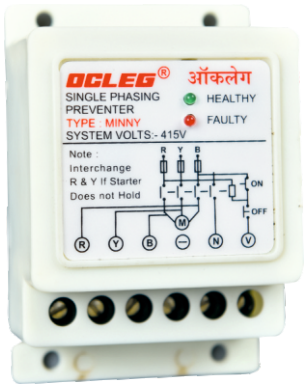
- Astronomical Time Switch
- Automatic ON/OFF as Working on Sunrise & Sunset Time
- No Need to Set ON/OFF Time
- Display of Real Time Clock (RTC)
- Engineering Grade Plastic Enclosure

Application :

Ideal For Outdoor and Street Lighting Application (Industrial, Municipal Corporation, Metros, Panchayats, Housing Societies, Apartments)

14.1 MINNY SPP

SPECIFICATION



- Voltage Sensing SPP Small In Size
- Phase Failure Protection
- Reverse Phase Protection
- Voltage Unbalance Protection

Application :

MCC Panel of Water Pump and Lifts



14.2 NSV-CG

SPECIFICATION

- With Low/High Voltage Cutoff
- Phase Failure Protection
- Reverse Phase Protection
- Voltage Unbalance Protection

Application :

MCC Panel of Water Pump and Lifts

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15.1 MPD

SPECIFICATION

- Micro-Controller Based Digital Technology
- Digital Volt-Amp Meter
- Electronic Overload & Dry-Run Protection
- High-Low Voltage Protection
- Phase Failure Protection (SPP)
- Reverse Phasing Protection
- Engineering Grade Plastic Enclosure
- Relay Range : 2-45A, 2-60A, 2-100A



Application :

MCC Panel of Water Pump



15.2 PUMP PRO

SPECIFICATION

- Single Phasing Preventer
- Overload Protection
- Prod Less Dry-Run Protection
- Phase Failure Protection (SPP)
- Reverse Phasing Protection
- Relay Range : 8-20A, 16-40A, 32-80A

Application :

MCC Panel of Water Pump

16.1 OT - 100 (TIMER)

SPECIFICATION

- On Delay Timer
- Adjustable 3-30 Sec.
- Engineering Grade Plastic Enclosure

▸ Application :
MCC Panels For Water Pump, Compressor, Generator, Air-Conditioner



16.2 SDT - 100 (STAR DELTA TIMER)



SPECIFICATION

- On Delay Timer
- Adjustable 3-30 Sec.
- Engineering Grade Plastic Enclosure

▸ Application :
MCC Panels For Water Pump, Compressor, Generator, Air-Conditioner

16.3 CYCLIK TIMER



SPECIFICATION

- Automatic ON/OFF
- Adjustable ON/OFF From 1-999 Minutes
- Engineering Grade Plastic Enclosure

▸ Application :
MCC Panels For Water Pump, Compressor, Generator, Air-Conditioner

17. OVER VOLTAGE PROTECTOR

17.1 OVP

SPECIFICATION



- Protect Your System From Over Voltage
- With Current Capacity of 40 AMPERE
- Supply : 1 Phase, 230V
- Engineering Grade Plastic Enclosure

▸ Application :

Homes, Office, Shop, Commercial Establishment

18. PHASE CHANGER FOR HOUSE

18.1 PHCH

SPECIFICATION



- In Absence of One Phase, Phase Changer Will Equally Distribute The Supply From Other Two Phase
- Fully Automatic Controlling Unit
- Generate Virtual Phase in Phase Failure Condition
- 10 Second time Delay Facility
- Overload And Short Circuit Protection
- Supply : 3 Phase, 415V

▸ Application :

Only For Homes, Office and Shopes

19. AUTOMATIC VOLTAGE CORRECTOR

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SPECIFICATION

- Protect Your Appliances From Voltage Fluctuation
- Automatic Controls The Output Voltage if Voltage Comes Up Or Down
- Low-High Voltage Cut-Off Protection
- Time Delay System Available
- Wide Operating Voltage Range : 140-270V, 165-270V
- Output Voltage : 200-240V



Application :

Television, Refrigerator, Air-Conditioner, Computer, Xerox Machine

20. SERVO CONTROLLED VOLTAGE STABILIZER

SPECIFICATION

- Protect Your Appliances From Voltage Fluctuation
- Automatic Controls The Output Voltage if Voltage Comes Up Or Down
- Low-High Voltage Cut-Off Protection
- Single Phasing Protection
- Time Delay System Available
- Wide Operating Voltage Range : 150-270V
- Output Voltage : 215V +/- 2%
- Powder Coated Sheet Metal enclore



Application :

Industrial Machine and Residential Purpose

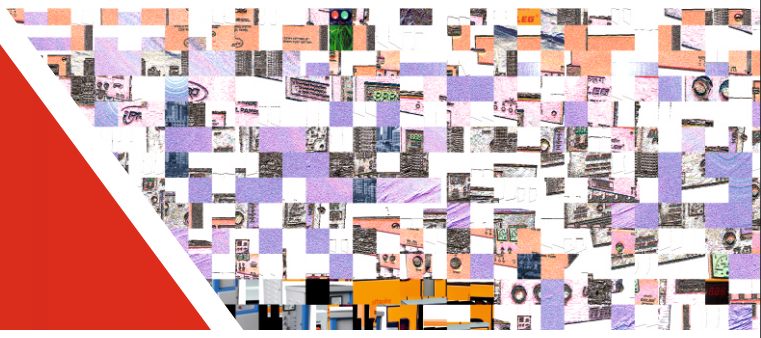
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OUR VALUABLE CLIENTS





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