

PRODUCT
CATALOGUE

Powerful
Security
always.





About Gelco

Since our humble beginning in 1984, we work hard to provide efficient, reliable and top-quality products to our customers. Our state-of-art manufacturing facilities spans over 30,000 square yards that manufactures quality fast moving electronic and electrical consuming goods. We have a wide range of products which caters to agricultural, domestic, commercial and industrial sectors to household electrical equipment to commercial applications for industries. Gelco has become the synonym of quality in the domain of fast moving electronic and electrical consuming goods. We are all equipped with dedication, respect for our customers, and excellent knowledge of what we do.

**We're on
MISSION**

”

To constantly innovating and surging ahead in every endeavor which we undertake. We offer a variety of quality products to our esteemed customers, our aim is to delight them each time with our high standards, convenience, efficiency and precise engineering.

”

Our Brands

Next to our people, our brands are the lifeblood of our company.

Our brands are trusted by consumers all around the world. We stay as close as possible to you and your family. We make, and always have made, substantial investments in research and established global standards in R&D.

ACCURA	AaCcSvch	Ayushya	AUTOSWITCH PLUS	aaaramse
			AUTO SWITCH Classic+	BOSS
			GEOSTRO	Home
	REGULAA	SURAKSHAA	Suryadeep	Smart
SURAKSHAA plus	SLEEK LED	 VIOLTEE	ProLit	MILAX®
JUGNOO 	moonlight			

Global Presence

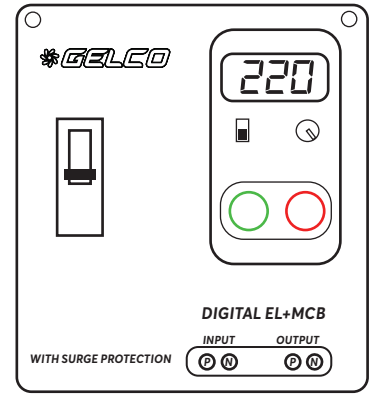


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WHY SURAKSHAA



Gelco Surakshaa (Earth leakage Circuit Breaker) are specially designed to protect and prevent injuries. On detecting the dangerous leakage current exceeding the generally accepted safe limit of 30mA, it trips and disconnects the power. Other than protecting human life against leakage current and it also prevents damage to home appliances from unavoidable overvoltage spike



ADVANTAGES










-  Protect humans against electrical shocks.
-  Shield the equipment from short circuits, leakage current, and high voltages. Act as a robust guard for the equipment against burning.
-  Guard the equipment and humans against the stored capacitors' charges during the reconnection of electricity after a prolonged outage.
-  Live inspection of various electrical parameters with fault indicators by digital display.

WHERE TO INSTALL

-  Domestic : Houses, Residential Appartments, Bungalows, Flats, Farm Houses, ETC.
-  Commercial : Offices, Industries, Dairy, Hospitals, Colleges, Universities, Institutes, Tutition Classes, Hotels, Restaurants, Resorts, Godowns, Railway Stations, Bus Stations, Airports, Government Buildings, ETC.

FEATURES












SURAKSHAA

-  Load Current Rating: **32A**
-  System Voltage: **230V AC +/- 10%, 1 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **1-50 mA Programmable**
-  By Pass Facility With Blinking L.E.D. Notification
-  High Voltage / Low Voltage Protection
-  Overload / Short Circuit Protection Through M.C.B.
-  Shock Protection
-  Industrial Grade Fire Retardant ABS Plastic Body

1 PHASE




SURAKSHAA + PLUS

-  Load Current Rating: **32A**
-  System Voltage: **230V AC +/- 10%, 1 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **1-50 mA Programmable**
-  By Pass Facility
-  High Voltage / Low Voltage Protection
-  Overload / Short Circuit Protection Through M.C.B.
-  Shock Protection
-  **Digital Voltage / Current Meter**
-  Reason For The Trip Will Be Shown In The Display - Fault Indicator
-  Industrial Grade Fire Retardant ABS Plastic Body

1 PHASE













AAYUSHYA

-  Load Current Rating: **32A**
-  System Voltage: **230V AC +/- 10%, 1 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **1-50 mA Programmable**
-  By Pass Facility With Blinking L.E.D. Notification
-  High Voltage / Low Voltage Protection
-  Overload / Short Circuit Protection Through M.C.B.
-  Shock Protection
-  **Compact Size / DIN Rail Mounting**

1 PHASE













SURAKSHAA 2.0

-  Load Current Rating: **63A**
-  System Voltage: **230V AC +/- 10%, 1 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **1-50 mA Programmable**
-  By Pass Facility With Blinking L.E.D. Notification
-  High Voltage / Low Voltage Protection
-  Overload / Short Circuit Protection Through M.C.B.
-  Shock Protection
-  Shunt Base M.C.B. Tripping
-  Powder Coated Sheet Metal Enclosure

1 PHASE














SHOCKGUARD PLUS

-  Load Current Rating: **32A**
-  System Voltage: **415V AC +/- 10%, 3 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **1-100 mA Programmable**
-  By Pass Facility
-  High Voltage / Low Voltage Protection
-  Reason For The Trip Will Be Shown In The Display - Fault Indicator
-  Shock Protection
-  Digital Volt / Current Meter
-  Powder Coated Sheet Metal Enclosure

3 PHASE


















SURAKSHAA 2.0

-  Load Current Rating: **32/63A**
-  System Voltage: **415V AC +/- 10%, 3 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **1-100 mA Programmable**
-  By Pass Facility With Blinking L.E.D. Notification
-  High Voltage / Low Voltage Protection
-  **Advanced Neutral Failure Protection Facility**
-  Shock Protection
-  Shunt Base M.C.B. Tripping
-  Powder Coated Sheet Metal Enclosure
-  Overload / Short Circuit Protection Through M.C.B. Capacity



3 PHASE
















SURAKSHAA + EL+MCCB

-  Load Current Rating: **100A / 125A / 160A / 200A / 500A**
-  System Voltage: **415V AC +/- 10%, 3 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **Programmable Range**
(30-999mA / 100mA-2A / 150mA-3A / 300mA-3A / 500mA- 5A)
-  By Pass Facility
-  High Voltage / Low Voltage Protection
-  **Advanced Neutral Failure Protection Facility**
-  Shock Protection
-  Shunt Base M.C.C.B. Tripping
-  Powder Coated Sheet Metal Enclosure
-  Overload / Short Circuit Protection Through M.C.C.B. Capacity
-  **Compact Size / Easy to Install**
-  Reason For The Trip Will Be Shown In The Display - Fault Indicator
-  **Digital Voltage / Current Meter***
-  Also Available With Single Phasing Preventer



3 PHASE

SURAKSHAA ++ EL NOST+MCCB

-  Load Current Rating: **100A / 125A / 160A / 200A / 500A**
-  System Voltage: **415V AC +/- 10%, 3 PHASE, 50HZ**
-  Tripping Time : **<30MS**
-  Sensitivity : **Programmable Range**
(30-999mA / 100mA-2A / 150mA-3A / 300mA-3A / 500mA- 5A)
-  By Pass Facility
-  High Voltage / Low Voltage Protection
-  **Advanced Neutral Failure Protection Facility**
-  Shock Protection
-  Shunt Base M.C.C.B. Tripping
-  Powder Coated Sheet Metal Enclosure
-  Overload / Short Circuit Protection Through M.C.C.B. Capacity
-  **Compact Size / Easy to Install**
-  Reason For The Trip Will Be Shown In The Display - Fault Indicator
-  **Digital Voltage / Current Meter***
-  Also Available With Single Phasing Preventer



3 PHASE

RCCB

2 POLE RCCB

- Load Current Rating: **32A / 63A / 40A / 63A**
- System Voltage: **230V AC +/- 10%, 1 PHASE, 50HZ**
- Sensitivity : **30 mA**
- Thermal Overload Protection
- Shock Protection



- Load Current Rating: **32A / 40A / 63A / 100A**
- System Voltage: **415V AC +/- 10%, 3 PHASE, 50HZ**
- Sensitivity : **100 mA**
- Thermal Overload Protection
- Shock Protection

4 POLE RCCB

-
-
-
-
-

EARTH LEAKAGE RELAY

An Earth Leakage Relay (E.L.R.) is a device used to sense earth leakages and open a circuit breaker when the leakage current exceeds the preset value. It can protect human beings from electrocution and prevent fire hazards. Earth leakage relays are used in combination with Core balance current transformers(CBCT) or Zero phase current transformer (ZCT).

FEATURES

ELR - 101

- Auxiliary Supply : **110 / 230 / 415V, 50HZ**
- Relay Contact : **1 C/O Contact With 6 AMP. (Resi.)**
- CBCT : **70, 100, 200, 300 & 400 mm**
- Operating Temp. : **-5°C to 60°C**
- Manual Reset
- Leakage Current Range : **30mA - 100mA ; 0.1 - 1AMP. ; 0.5 - 5AMP.**
- Industrial Grade Fire Retardant ABS Plastic Body
- For Distribution Panels For Hotels, Commercial Complex, Mining Industries, Industrial Complex, Residential Blocks



ELR - 9601

- Supply Voltage : **85 - 265V, 50 / 60HZ**
- Relay Contact : **1 Change Over**
- CBCT : **70, 100, 200, 300 & 400 mm**
- Operating Temp. : **-5°C to 60°C**
- Trip Time Set : **00.1 to 10 SEC.**
- Leakage Current Range : **30mA - 100mA ; 50mA - 999mA ; 150mA - 3AMP. ; 250mA - 5AMP. ; 500mA - 10AMP.**
- Industrial Grade Fire Retardant ABS Plastic Body
- Digital Display Of Leakage Current**
- Contact Rating : **6A at 230VAC / 30V DC**
- Positive Safety Output (Relay Will Energies On Fault)
- For Distribution Panels For Hotels, Commercial Complex, Mining Industries, Industrial Complex, Residential Blocks

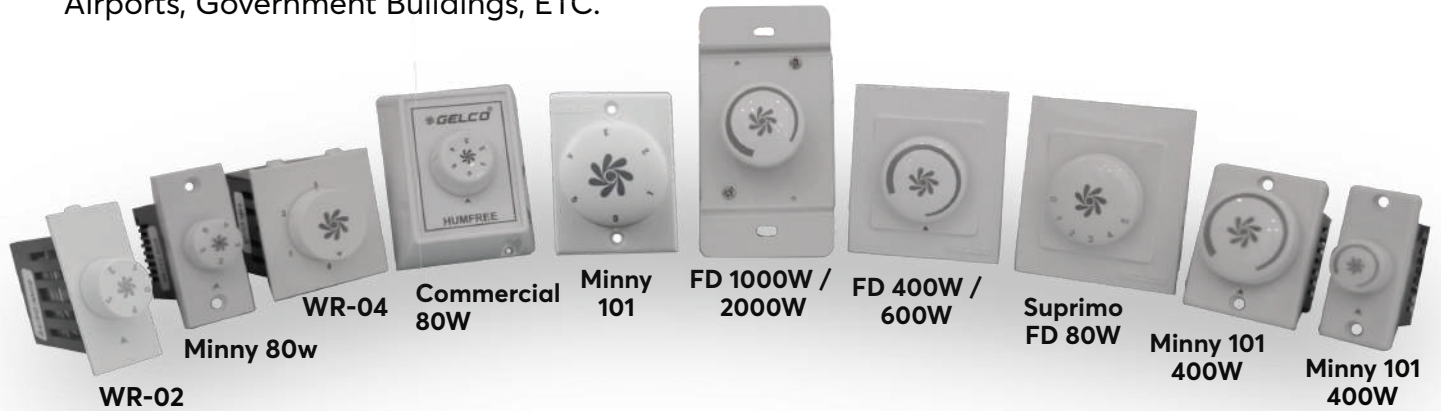


FAN REGULATORS

We bring a wide variety of fan regulators which are efficient, easy to install and hum free. The compact and sleek design will compliment with the interior and gives a nice clean look. With our quality fan regulator, we can guarantee a smooth and hassle-free operation.

WHERE TO INSTALL

- Domestic : Houses, Residential Apartments, Bungalows, Flats, Farm Houses, ETC.
- Commercial : Offices, Industries, Dairy, Hospitals, Colleges, Universities, Institutes, Tution Classes, Hotels, Restaurants, Resorts, Godowns, Railway Stations, Bus Stations, Airports, Government Buildings, ETC.



INDOOR L.E.D. LIGHTS

SLEEK

- Wattage - **8W**
- Industrial Grade Fire Retardant ABS Plastic Body
- L.E.D. Lumence - 120-130 Lm/Watt

SLEEK 2.0

- Wattage - **8W**
- Industrial Grade Fire Retardant ABS Plastic Body
- L.E.D. Lumence - 120-130 Lm/Watt

SLEEK 2.0 (With Holder)

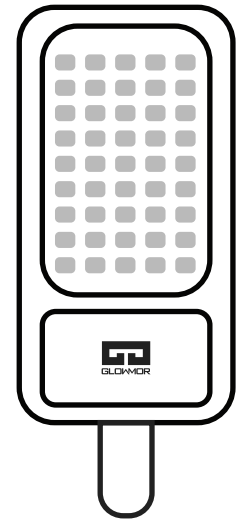
- Wattage - **8W**
- L.E.D. Lumence - 120-130 Lm/Watt
- Industrial Grade Fire Retardant ABS Plastic Body

PROLIT











- Wattage - **12 W**
- Industrial Grade Fire Retardant ABS Plastic Body
- L.E.D. Lumence - 120-130 Lm/Watt

OUTDOOR L.E.D. LIGHTS

We provide quality and energy efficient lighting solutions for outdoor requirements. Our broad portfolio of the products consists of Automatic light controller, Flood lights, High-bay outdoor lights, Indoor lights and street lights. Our lighting solutions are easy to install, energy efficient, economical and weather proof. Ensure a seamless and efficient operation with our lighting solutions.











TECHNICAL SPECIFICATIONS

- | | |
|---|--|
|  Input Voltage : 145 ~ 270 VAC, 50HZ |  L.E.D. Make : OSRAM |
|  Color Temperature : 3000K ~ 6500K |  IP Rating : IP66 |
|  Efficiency : >80% |  Power Factor : >0.95 |
|  Color Rendering Index : 70 ~ 82 |  Total Harmonic Distortion : <10 |
|  L.E.D. Lumens : 130 ~ 180 LM/Watt |  L.E.D. Lifetime : 50000 ~ 60000 Hours |

PROTECTIONS













- | | |
|---|---|
|  Surge Protection : +/- 4 ~ 10KV |  Short Circuit Protection |
|  Output Over Voltage Protection |  Input Fuse Protection |
|  Input Over Voltage Protection |  Reverse Polarity Protection |
|  Input Under Voltage Protection |  Thermal Cut-Off Protection |
|  Over Load Protection |  IEC 61347-2-13 Safety Standards |

SALIENT FEATURES

- | | |
|--|--|
|  Easy To Install |  Available in 18W ~ 200W |
|  Aluminum Pressure Die-Cast Body |  Constant Current L.E.D. Driver For Optimum Performance |
|  MCPCB Based For Proper Heat Dissipation |  UV And IR Radiation Free |
|  Customized Solutions |  Optical Lens Designed For Optimum Efficiency |

STREET LIGHTS

WHERE TO INSTALL

-  Suitable For Illuminating
-  Pathway Street Light
-  Roadway Light
-  Parking Area
-  High Rise Towers
-  Gate Light
-  Campus Light
-  Outdoor Light
-  Side Way Light
-  Remote Area Light
-  Farm Light
-  Perimeter Light



Model No.	Power Consumption (+/- 10%)	No. Of L.E.D.s	L.E.D. Make	L.E.D.s Lumens Output / Watt	Max. Lumens Flux	Pole Entry Dia (mm)	Dimension (mm)	Weight (KG)
GLSL-18E	18W	18	OSRAM -DURIS S5	130 ~ 140Lm/W	2520	40	310*108*65	1.1
GLSL-24E	24W	24	OSRAM -DURIS S5	130 ~ 140Lm/W	3360	40	310*108*65	1.1
GLSL-30E	30W	30	OSRAM -DURIS S5	130 ~ 140Lm/W	4200	40	310*108*65	1.1
GLSL-40E	40W	40	OSRAM -DURIS S5	130 ~ 140Lm/W	6500	40	345*130*65	1.7
GLSL-60E	60W	60	OSRAM -DURIS S5	130 ~ 140Lm/W	8400	54	410*195*85	2.5
GLSL-80E	80W	80	OSRAM -DURIS S5	130 ~ 140Lm/W	11200	54	410*233*67	3.5
GLSL-100E	100W	100	OSRAM -DURIS S5	130 ~ 140Lm/W	14000	54	410*233*67	3.5
GLSL-120E	120W	120	OSRAM -DURIS S5	130 ~ 140Lm/W	16800	62	440*250*81	5.8
GLSL-150E	150W	150	OSRAM -DURIS S5	130 ~ 140Lm/W	21000	62	440*250*81	5.8
GLSL-20PS	20W	18	OSRAM -DURIS S5	130 ~ 140Lm/W	2800	42	305*110*57	0.8
GLSL-40PS	40W	32	OSRAM -DURIS S5	130 ~ 140Lm/W	5600	42	352*128*57	1.0

Flood Lights



WHERE TO INSTALL

-  Suitable For Illuminating
-  Replacement For HPSV Lamp
-  Gardens
-  Parking Area
-  High Rise Towers
-  Architectural Structures
-  Industries & Institutional Campus
-  Hoardings
-  Facades
-  Stadiums
-  Farm Light

Model No.	Power Consumption (+/- 10%)	No. Of L.E.D.s	L.E.D. Make	L.E.D.s Lumens Output / Watt	Max. Lumens Flux	Dimension (mm)	Weight (KG)
GLFL-30E	30W	30	OSRAM -DURIS S5	130 ~ 140Lm/W	4200	179*139*116	1.1
GLFL-60E	60W	60	OSRAM -DURIS S5	130 ~ 140Lm/W	8400	250*190*120	2.4
GLFL-100E	100W	100	OSRAM -DURIS S5	130 ~ 140Lm/W	14000	295*238*120	3.2
GLFL-200E	200W	200	OSRAM -DURIS S5	130 ~ 140Lm/W	28000	365*265*162	4.7
GLFL-50S	50W	49	OSRAM - 2835	130 ~ 140Lm/W	7000	190*190*50	1.0
GLFL-100S	100W	98	OSRAM - 2835	130 ~ 140Lm/W	14000	275*285*75	2.5
GLFL-150S	150W	160	OSRAM - 2835	130 ~ 140Lm/W	22400	300*285*80	3.5
GLFL-200S	200W	200	OSRAM - 2835	130 ~ 140Lm/W	25000	300*285*80	4.0

High - Bay Lights



WHERE TO INSTALL







-  Suitable For Illuminating
-  Replacement For HPSV Lamp
-  Gardens
-  Parking Area
-  High Rise Towers
-  Architectural Structures
-  Industries & Institutional Campus
-  Hoardings
-  Facades
-  Stadiums
-  Farm Light

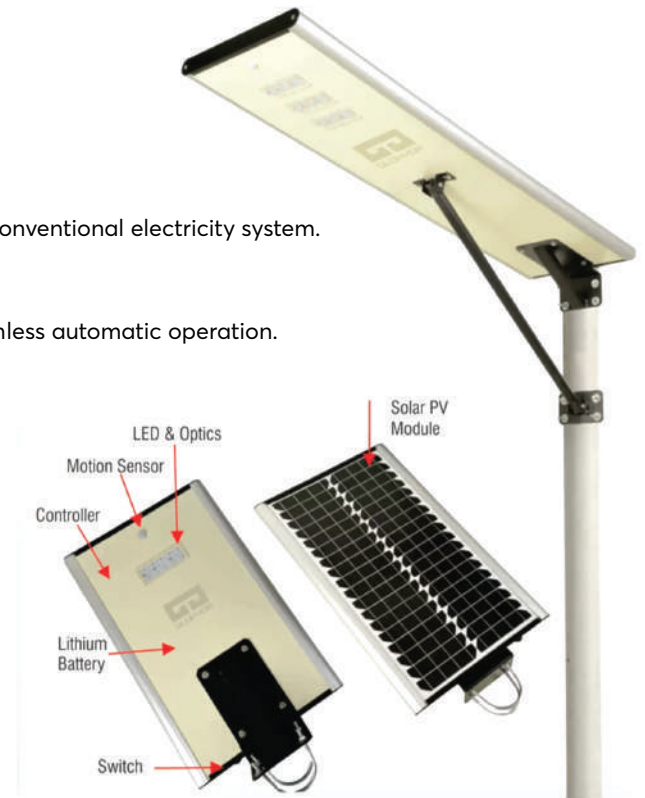
Model No.	Power Consumption (+/- 10%)	No. of L.E.D.s	L.E.D. Make	L.E.D.s Lumens Output / Watt	Max. Lumens Flux	Dimension (mm)	Weight (KG)
GLFL-30E	30W	30	OSRAM -DURIS S5	130 ~ 140Lm/W	4200	179*139*116	1.1
GLFL-60E	60W	60	OSRAM -DURIS S5	130 ~ 140Lm/W	8400	250*190*120	2.4
GLFL-100E	100W	100	OSRAM -DURIS S5	130 ~ 140Lm/W	14000	295*238*120	3.2
GLFL-200E	200W	200	OSRAM -DURIS S5	130 ~ 140Lm/W	28000	365*265*162	4.7
GLFL-50S	50W	49	OSRAM - 2835	130 ~ 140Lm/W	7000	190*190*50	1.0
GLFL-100S	100W	98	OSRAM - 2835	130 ~ 140Lm/W	14000	275*285*75	2.5
GLFL-150S	150W	160	OSRAM - 2835	130 ~ 140Lm/W	22400	300*285*80	3.5
GLFL-200S	200W	200	OSRAM - 2835	130 ~ 140Lm/W	25000	300*285*80	4.0

SOLAR SYSTEMS

All in One Solar L.E.D. Street Light

FEATURES

-  A solar operated electricity lighting system, a perfect alternative for the conventional electricity system.
-  Highly portable equipment.
-  Provides a motion detection feature that saves energy and provides seamless automatic operation.
-  Reduces the electricity bill
-  Pole Diameter : 60mm - 90mm
-  Micro-Processor based intelligent and efficient indigenous design.









Model No.	L.E.D. Wattage	PV Module	Battery	Lumens Flux	Dimension (mm)
GLSSL-AIO-12-PRM-A	12 watt +/- 10%	30 wp	120wh LiFeP04	1800	530*400*42
GLSSL-AIO-15-PRM-A	15 watt +/- 10%	40 wp	154wh LiFeP04	2250	655*400*42
GLSSL-AIO-18-PRM-A	18 watt +/- 10%	45 wp	192wh LiFeP04	2700	750*400*42
GLSSL-AIO-24-PRM-A	24 watt +/- 10%	50 wp	231wh LiFeP04	3600	945*400*42
GLSSL-AIO-30-PRM-A	30 watt +/- 10%	60 wp	308wh LiFeP04	4500	1155*400*42
GLSSL-AIO-40-PRM-A	40 watt +/- 10%	75 wp	385wh LiFeP04	6000	1360*400*42
GLSSL-AIO-50-PRM-A	50 watt +/- 10%	100 wp	576wh LiFeP04	7500	1100*730*42
GLSSL-AIO-80-PRM-A	80 watt +/- 10%	150 wp	1024wh LiFeP04	12000	1470*700*42

Semi Integrated L.E.D. Home Lighting System









FEATURES

-  A solar operated electricity lighting system, a perfect alternative for the conventional electricity system
-  TheftProof Long life lithium battery pack
-  Highly portable equipment
-  Provides a motion detection feature that saves energy and provides seamless automatic operation
-  Reduces the electricity bill
-  Micro-Processor based intelligent and efficient indigenous design

Model No.	L.E.D. Wattage	PV Module	Battery	Lumens Flux	Dimension (mm)
GLSSL-INT-06-ECO	06 watt +/- 10%	20 wp	80wh LiFeP04	900	330*140*95
GLSSL-INT-09-ECO	09 watt +/- 10%	30 wp	100wh LiFeP04	1350	330*140*95
GLSSL-INT-12-ECO	12 watt +/- 10%	120 wp	120wh LiFeP04	1800	330*140*95
GLSSL-INT-15-ECO	15 watt +/- 10%	150 wp	150wh LiFeP04	2250	400*190*105
GLSSL-INT-18-ECO	18 watt +/- 10%	180 wp	180wh LiFeP04	2700	400*190*105
GLSSL-INT-24-ECO	24 watt +/- 10%	240 wp	240wh LiFeP04	3600	400*190*105
GLSSL-INT-30-ECO	30 watt +/- 10%	300 wp	300wh LiFeP04	4500	440*225*110
GLSSL-INT-36-ECO	36 watt +/- 10%	350 wp	350wh LiFeP04	5400	440*225*110

Jugnoo Latern










-  Highly Portable, Lightweight, Compact
-  High Lumen L.E.D.s
-  Three Stage Battery Charging Algorithm
-  Lithium Ion / LifeP04 Batteries
-  PWM Based Charging & Dimming Feature Using Micro Controller Technology
-  Over Charge Protection

Model No.	PV Module	Battery	Load
GLLN-03-EA	5 Watt	27 Wh	3 Watt
GLLN-05-EA	10 Watt	45 Wh	5 Watt
GLLN-07-EA	15 Watt	70 Wh	7 Watt

Suryadeep

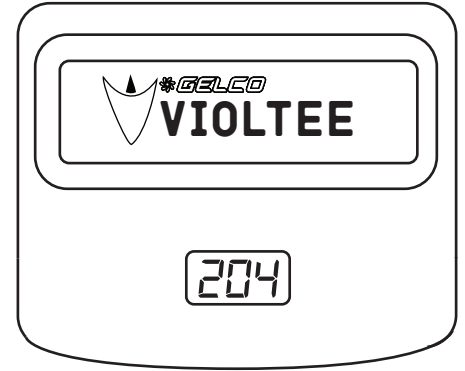


-  Portable and Aesthetic Design
-  Pollution Free & Eco Friendly
-  Three Stage Battery Charging Algorithm
-  Lithium Ion Batteries
-  PWM Solar Cheger Controller
-  Over Charge Protection
-  Fast Mobile Charging U.S.B. Port

Model No.	PV Module	Battery	Load
GLHM-10-EB	10 Watt	60 Wh Li-Ion	15 Watt
GLHM-50-EB	50 Watt	180 Wh Li-Ion	35 Watt

WHY VIOLTEÉ

Gelco Violteé Stabilisers are specially designed to deliver a constant voltage to a load at its output terminals regardless of the changes in the input or incoming supply voltage. It protects the equipment or machine against over or under voltage.



ADVANTAGES












- Protect your precious appliances from irregular voltage.
- Prevent the risks of power-related accidents during overloads and short-circuits.
- Voltage Stabilizers allow limited usage of the power as required for the devices.
- Live inspection of various electrical parameters with fault indicators by digital display.

FOR TELEVISION, FRIDGE, COMPUTER, LAPTOP

- Spike Protection
- Micro Controller Based DSP Technology
- High / Low Voltage Cut-Off
- Auto Reset Facility
- Intelligent Time Delay System
- Stabilized Output
- Shock Proof Body
- Industrial Grade Fire Retardant ABS Plastic Body
- Wall / Table Mounting



Sr.	Model No.	Capacity	Working Range	Input	Output	Time Delay	Applications
1	ECO 0.2	1 A	150V-280V	185V-260V	220V ±10%	10 Sec	T.V., Audio/Video System
2	GDMS 20	1 A	140V-290V	170V-270V	220V ±10%	10 Sec	
3	ECO 0.5	2 A	150V-280V	185V-260V	220V ±10%	180 Sec	Refrigerator Upto 400LTR
4	GDMS 50	2 A	140V-290V	170V-270V	220V ±10%	180 Sec	
5	DLC 50	2 A	140V-290V	170V-270V	220V ±10%	10 Sec	Computer, C.C.T.V. Camera












-  Spike Protection
-  Micro Controller Based DSP Technology
-  High / Low Voltage Cut-Off
-  Auto Reset Facility
-  Intelligent Time Delay System
-  Stabilized Output
-  Shock Proof Body
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Digital Volt / Current Meter
-  Overload Thermal Protection Switch
-  Wall / Table Mounting

GDMS 100



Sr.	Model No.	Capacity	Working Range	Input	Output	Time Delay	Applications
1	GDMS 100	4 A	140V-290V	170V-270V	220V ±10%	50-70 Sec	Deep Freezer, Television
2	GDMT 50	2 A	140V-290V	110V-280V	220V ±10%	50-70 Sec	Refrigerator
3	GDMB 100	4 A	125V-290V	140V-280V	220V ±10%	50-70 Sec	Refrigerator / Freezer
4	GDMB 50	2 A	125V-290V	140V-280V	220V ±10%	50-70 Sec	Refrigerator

FOR AIR CONDITIONERS

-  Spike Protection
-  Micro Controller Based DSP Technology
-  High / Low Voltage Cut-Off
-  Auto Reset Facility
-  Intelligent Time Delay System
-  Stabilized Output
-  Shock Proof Body
-  Industrial Grade Fire Retardant ABS Plastic
-  Fault Indicator
-  Overload Thermal Protection Switch
-  Wall / Table Mounting

GA 400



Sr.	Model No.	A/C Capacity	Capacity	Working Range	Input	Output	Time Delay
1	GA 400	1.5 TON	12 A	140V-290V	170V-270V	220V ±10%	60 Sec
2	GA 500	2 TON	15 A	140V-290V	110V-280V	220V ±10%	60 Sec
3	GE 400	1.5 TON	12 A	140V-270V	185V-260V	220V ±10%	60 Sec
4	GE 500	2 TON	15 A	140V-270V	185V-260V	220V ±10%	60 Sec

- Stabilized Output
- Shock Proof Body
- Powder Coated Sheet Metal Enclosure
- Digital Volt / Current Meter
- Overload Thermal Protection Switch
- Spike Protection
- Micro Controller Based DSP Technology
- High / Low Voltage Cut-Off
- Auto Reset Facility
- Intelligent Time Delay System
- Wall / Table Mounting

GLM 300



Sr.	Model No.	A/C Capacity	Capacity	Working Range	Input	Output	Time Delay
1	GLM 300	1.5 TON	12 A	150V-275V	170V-270V	220V ±10%	180 Sec
2	GLMB 300	1.5 TON	12 A	125V-290V	140V-270V	220V ±10%	180 Sec
3	GDMT 300	1.5 TON	12 A	90V-300V	110V-280V	220V ±10%	180 Sec
4	GLM 400	2 TON	16 A	150V-275V	170V-270V	220V ±10%	180 Sec
5	GLMB 400	2 TON	16 A	125V-290V	140V-270V	220V ±10%	180 Sec
6	GDMS 300	1.5 TON	12 A	150V-270V	170V-270V	220V ±10%	180 Sec

FOR MAINLINE

- Stabilized Output
- Shock Proof Body
- Powder Coated Sheet Metal Enclosure
- Digital Volt / Current Meter
- Overload Thermal Protection Switch
- Spike Protection
- Micro Controller Based DSP Technology
- High / Low Voltage Cut-Off
- Auto Reset Facility
- Intelligent Time Delay System
- Wall / Table Mounting











GLMB 600













Sr.	Model No.	Capacity	Working Range	Input	Output	Time Delay	Applications
1	GLM 500	20 A	150V-275V	170V-270V	220V ±10%	180 Sec	Home, Offices, Small Factories, Dairy Instruments, R.O. Plants, Medical Instruments, etc.
2	GLMB 500	20 A	125V-290V	140V-270V	220V ±10%	180 Sec	
3	GLM 600	24 A	150V-275V	170V-270V	220V ±10%	180 Sec	
4	GLMB 600	24 A	125V-290V	140V-270V	220V ±10%	180 Sec	

GLM 700

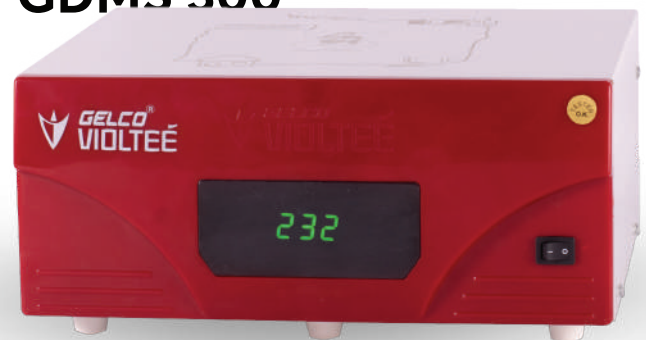


-  Stabilized Output
-  Shock Proof Body
-  Powder Coated Sheet Metal Enclosure
-  Digital Volt / Current Meter
-  Overload Thermal Protection Switch
-  Spike Protection
-  Micro Controller Based DSP Technology
-  High / Low Voltage Cut-Off
-  Auto Reset Facility
-  Intelligent Time Delay System

Sr.	Model No.	Capacity	Working Range	Input	Output	Time Delay	Applications
1	GLM 700	28 A	150V-275V	170V-270V	220V \pm 10%	10 Sec	Home, Offices, Theatres, Factories, Dairy Instruments, R.O. Plants, Medical Instruments, Restaurants, Dairy Machines, Chillers, etc.
2	GLMB 700	28 A	125V-290V	140V-270V	220V \pm 10%	10 Sec	
3	GDMB 7.5 KVA	30 A	125V-290V	140V-270V	220V \pm 10%	10 Sec	
4	GDMB 10 KVA	40 A	125V-290V	140V-270V	220V \pm 10%	10 Sec	
5	GDM 7.5KVA	30 A	150V-275V	170V-280V	220V \pm 10%	10 Sec	
6	GDM 10 KVA	40 A	150V-275V	170V-280V	220V \pm 10%	10 Sec	
7	GDMT 500	20 A	90V-300V	110V-280V	220V \pm 10%	10 Sec	
8	GDMT 7.5 KVA	30 A	90V-300V	110V-280V	220V \pm 10%	10 Sec	
9	GDMT 10 KVA	40 A	90V-300V	110V-280V	220V \pm 10%	10 Sec	

-  Spike Protection
-  Micro Controller Based DSP Technology
-  High / Low Voltage Cut-Off
-  Auto Reset Facility
-  Intelligent Time Delay System
-  Stabilized Output
-  Shock Proof Body
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Digital Volt / Current Meter
-  Overload Thermal Protection Switch
















GDMS 300



Sr.	Model No.	Capacity	Working Range	Input	Output	Time Delay	Applications
1	GDMS 300	20 A	170V-270V	170V-270V	220V \pm 10%	180 Sec	Home, Offices, Factories, R.O. Plants, Medical Instruments, Audio System, Home Theaters, etc.
2	GDMS 400	20 A	170V-270V	170V-270V	220V \pm 10%	180 Sec	
3	GDMS 500	20 A	170V-270V	170V-270V	220V \pm 10%	180 Sec	

SERVO STABILIZERS



- | | | |
|---|--|---|
|  Spike Protection |  Stabilized Output |  Single Phasing Preventer* |
|  Micro Controller Based DSP Technology |  Emergency By-Pass System |  Efficiency : 98% |
|  High / Low Voltage Cut-Off |  Powder Coated Sheet Metal Enclosure |  Rate Of Correction : 35 V/Sec |
|  Auto Reset Facility |  Digital Volt Meter / Current Meter / Frequency Meter |  Wave Form Distortion : Nil |
|  Intelligent Time Delay System |  Overload MCCB Protection Switch |  As Per IS 9815:1981 |

TYPE OF SERVO STABILIZERS

Gelco has Servo Voltage Stabilizers for both Single and Three Phase load. In three phase supply condition Servo Voltage Stabilizers are also available in two different configurations.

Balance Type

In Balance Type Servo Voltage Stabilizers, A single three phase auto transformer will control output voltage. It means in case of any unbalance in input voltage supply, it will reflect same into output voltage control unit is only in one phase.

Unbalance Type





In unbalance Type Servo Voltage Stabilizers, three separate auto transformer will control individual phase, thus it will give balance output irrespective of input supply conditions.

WHY LIQUID LEVEL CONTROLLER







Gelco Liquid Level Controller is a device that manages water levels on a variety of systems such as water tanks, pumps and swimming pools. The basic function of a water level controller is to regulate water flow and optimize system performance.



ADVANTAGES










-  Both Tank Water Level Indication.
-  Liquid Level Controller helps save money by limiting the waste of water and electricity.
-  If there is no water in the tanks LLC will automatically switch off the pump to protect the pump from burning out.
-  Increase Pump / Motor's Life.

APPLICATIONS

- | | |
|--|--|
|  House, Buildings, Commercial Complexes |  Hospitals, Clinics |
|  Soda Machines, R.O Plants |  Farm Houses |
|  Industries, Factories, Club Houses, Hospitals |  Municipal Water Stations |

FEATURES

LLC-2

-  System Voltage : 230 VAC \pm 20%, 50HZ
-  Relay Capacity : 30A, 230VAC (RESI)
-  Micro Controller Based Technology
-  Automatic Control According to Set Water Level in Tanks
-  L.E.D. Indication for Water Level In Both Over Head And Underground Tank
-  Available With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
-  Auto Manual Facility
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Two Tank Controller
- For Openwell Submersible and Self Priming Motors
- Wall Mounting

1 PHASE



LLC - 2S

- System Voltage : 230 VAC ±20%, 50HZ
- Relay Capacity : 20A, 230VAC (RESI)
- Micro Controller Based Technology
- Automatic Control According to Set Water Level in Tanks
- L.E.D. Indication for Water Level In Both Over Head And Underground Tank
- Available With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- Two Tank Controller
- For Borewell Motors; Starter With Start & Run Capacitors
- Wall Mounting

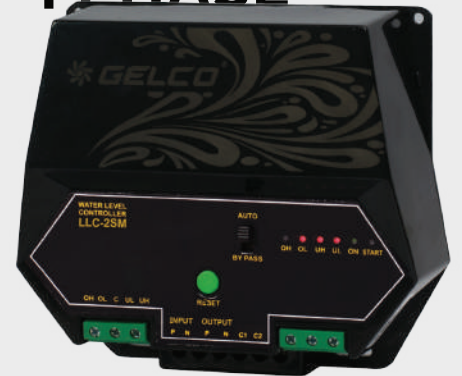
1 PHASE



LLC - 2SM

- System Voltage : 230 VAC ±20%, 50HZ
- Relay Capacity : 20A, 230VAC (RESI)
- Micro Controller Based Technology
- Automatic Control According to Set Water Level in Tanks
- L.E.D. Indication for Water Level In Both Over Head And Underground Tank
- Available With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- Two Tank Controller
- For Borewell Motors; Starters With Only M.C.B. & Green Start Push Button
- Wall Mounting

1 PHASE



LLC - 101

- System Voltage : 415 VAC ±20%, 50HZ
- Relay Capacity : 1A, 415VAC
- Micro Controller Based Technology
- Automatic Control According to Set Water Level in Tanks
- L.E.D. Indication for Water Level In Both Over Head And Underground Tank
- Available With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- Two Tank Controller
- Wall Mounting / Din Rail Mounting

3 PHASE



LLC - 001 / D

- Micro Controller Based Technology
- Automatic Control According to Set Water Level in Tanks
- L.E.D. Indication for Water Level In Both Over Head And Underground Tank
- Available With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- Two Tank Controller
- Wall Mounting
- Water Level Controller Adapter For Only Gelco Starters / Panels*

1/3 PHASE



MAGIK - 001

- Micro Controller Based Technology
- Automatic Switched Off Motor As Soon as Tank is Filled
- Avaliable With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- One Tank Controller
- Wall Mounting
- Water Level Controller Adapter For Only Gelco Starters / Panels

1/3 PHASE



GSW AF 107

- Micro Controller Based Technology
- Manual On, Automatic Off As Per Water Level Through Sensor
- L.E.D. Fault Indication
- Avaliable With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- High / Low Voltage Protection
- Industrial Grade Fire Retardant ABS Plastic Body
- One Tank Controller
- Wall Mounting
- For Open Well Submersible Motors

1 PHASE



ATH

- System Voltage : 230 VAC ±20%, 50HZ
- Relay Capacity : 20A, 230VAC (RESI)
- Micro Controller Based Technology
- Automatic Control According to Set Water Level in Tanks
- Single Phasing Protection; High / Low Voltage Protection
- Avaliable With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- Only One Tank Controller
- For Borewell Motors
- Wall Mounting

1 PHASE














LLC - 1

- System Voltage : 230 VAC ±20%, 50HZ
- Relay Capacity : 20A, 230VAC (RESI)
- Micro Controller Based Technology
- Automatic Control According to Set Water Level in Tanks
- L.E.D. Indication for Water Level In Both Over Head And Underground Tank
- Avaliable With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
- Auto Manual Facility
- Industrial Grade Fire Retardant ABS Plastic Body
- Two Tank Controller
- For Borewell Motors; Starter With Start & Run Capacitors
- Wall Mounting

1 PHASE



LLC-2-0

-  System Voltage : 230 VAC \pm 20%, 50HZ
-  Relay Capacity : 20A, 230VAC (RESI)
-  Micro Controller Based Technology
-  Automatic Control According to Set Water Level in Tanks
-  L.E.D. Indication for Water Level In Both Over Head And Underground Tank
-  Available With S.S. Sensors / Magnatic Sensors* / Float Switch* (Optional)
-  Auto Manual Facility
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Two Tank Controller
-  For Borewell Motors; Starter With Start & Run Capacitors
-  Wall Mounting

1 PHASE



SENSORS

FLOAT SENSOR



MUNICIPAL SENSOR



MAGNATIC SENSOR

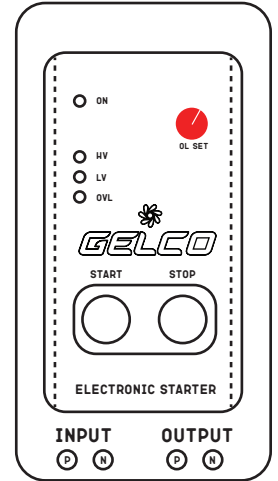


S.S. SENSOR



WHY ELECTRONIC STARTERS

Gelco Starters are available for both single phase and three phase. Starters are developed for maintaining and ensuring long life for your appliances like Airconditioner, Television, Refrigerator, motors, machines and Domestic Flour Mill. It does not allow the bad current and bad voltage to harm your appliances. Modern product design that matches your beautiful interior.



ADVANTAGES

- Protect your appliances from harmful voltage fluctuation.
- Decrease maintenance cost for your appliances.
- Enhance your appliances life.

APPLICATIONS

- | | | |
|---------------------|-------------------------|-------------------------------|
| Air Conditioner | C.C.T.V. Cameras | Garden Grass Cutter |
| Television | Oven | Tile Polishing Machine |
| Refrigerator | Geyser | Single Phase Machine & Motors |
| Domestic Flour Mill | Construction Site Lifts | Chiller Plants |
| Dairy Industries | Cattle Farm | Poultry Farm |

FEATURES

GSW 2.0

- System Voltage : 85VAC - 300VAC ±20% 2A - 16A, 50HZ
- Micro Controller Based Technology
- Over Load Protection Programmable : 2A to 16A
- High / Low Voltage Protection
- Industrial Grade Fire Retardant ABS Plastic Body
- Cyclic Facility Available (minute/sec)
- Child Safe
- Feather Touch On / Off Buttons
- Ambient Light For Indication

1 PHASE



Sr.	Model	Capacity
1	GSW 2.0 104	2 - 5 AMP
2	GSW 2.0 105	4 - 10 AMP
3	GSW 2.0 106	8 - 14 AMP
4	GSW 2.0 107	10 - 16 AMP

AaCcSvch

- System Voltage : 85VAC - 300VAC \pm 20% 2A - 16A, 50HZ
- Micro Controller Based Technology
- Over Load Protection Programmable : 2A to 16A
- High Voltage Protection Settable : 260V-280V ; Low Voltage Protection Settable : 160V-180V
- Digital Volt / Current Meter
- Auto On / OFF - Programmable
- Industrial Grade Fire Retardant ABS Plastic Body
- Cyclic Facility Available (minute/sec)
- Child Safe
- Feather Touch On / Off Buttons

1 PHASE



Sr.	Model	Features
1	ACSVCH - Auto	Auto On Facility (After Power Resumption)
2	ACSVCH - Auto (With Delay)	Auto On Facility (After Power Resumption With Delay)
3	ACSVCH Cyclic	Cyclic On/Off Timer Facility 1-240 Minutes
4	ACSVCH AutoReset	Auto Reset after Under / Over Voltage Protection
5	ACSVCH Cyclic (Sec)	Cyclic ON/OFF Timer Facility 1-240 Seconds
6	ACSVCH Cyclic Auto	Cyclic ON/OFF Timer Facility in Minutes; With auto On Function
7	ACSVCH Cyclic Auto (Sec)	Cyclic ON/OFF Timer Facility in Seconds; With auto On Function

DCP 104 T

- System Voltage : 230VAC \pm 20%, 50HZ
- Micro Controller Based Technology
- Over Load Protection Programmable : 2A to 16A
- High Voltage Protection: 260V - 280V / Low Voltage Protection: 150V-180V - Programmable
- Digital Volt / Current Meter
- Auto OFF Through Timer 0-240 Minutes - Settable
- Industrial Grade Fire Retardant ABS Plastic Body
- Digital Fault Indication

1 PHASE



Sr.	Model	Capacity	Features
1	DCP 104 P	6A	Potential Free Contact
2	DCP 104 D	16A	Dry Run Protection
3	DCP 104 A	16A	Dry Run Protection Auto OFF / ON Through Timer - Selectable

1/3 PHASE

DCP 104 P

- System Voltage : 230VAC ±20% / 415VAC ±20% (P-P), 50HZ
- Micro Controller Based Technology
- Over Load Protection Programmable : 2A to 16A
- High Voltage Protection: 260V - 280V / Low Voltage Protection: 150V-180V - Programmable
- Digital Volt / Current Meter
- Auto OFF / ON Through Timer - Selectable
- Industrial Grade Fire Retardant ABS Plastic Body
- Digital Fault Indication
- Potential Free Contact



GSW

- System Voltage : 230VAC ±20%, 50HZ
- Micro Controller Based Technology
- Over Load Protection Protection
- High / Low Voltage Protection
- Industrial Grade Fire Retardant ABS Plastic Body
- Fault Indication

1 PHASE



Sr.	Model	Capacity
1	GSW 104	2 - 5 AMP
2	GSW 105	4 - 10 AMP
3	GSW 106	8 - 14 AMP
4	GSW 107	10 - 16 AMP
5	GSW 108	14 - 22 AMP

GSW - T

- System Voltage : 230VAC ±20%, 50HZ
- Micro Controller Based Technology
- Over Load Protection Protection
- High / Low Voltage Protection
- Industrial Grade Fire Retardant ABS Plastic Body
- Fault Indication
- Auto On / Manual Facility

1 PHASE



Sr.	Model	Capacity
1	GSW - T - 104	2 - 5 AMP
2	GSW - T - 105	4 - 10 AMP
3	GSW - T - 106	8 - 14 AMP
4	GSW - T - 107	10 - 16 AMP
5	GSW - T - 108	14 - 22 AMP

GTW

- System Voltage : 415VAC ±20%, 50HZ
- Micro Controller Based Technology
- For D.O.L. Submersible Pump Set
- High / Low Voltage Protection; Overload Protection
- Fault Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Phase Failure / Reverse Phasing Protection
- Electronic Start / Stop Push Button Facility

Sr.	Model	Current Range
1	GTW-304	2 - 5 AMP.
2	GTW-305	4 - 10 AMP.
3	GTW-306	8 - 20 AMP.

3 PHASE



GTA

- System Voltage : 415VAC ±20%, 50HZ
- Micro Controller Based Technology
- For D.O.L. Submersible Pump Set
- High / Low Voltage Protection; Overload Protection
- Fault Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Phase Failure / Reverse Phasing Protection
- Electronic Start / Stop Push Button Facility
- One Minute Time Delay Before Start
- Automatically Turn On After Power Supply Resumption

Sr.	Model	Current Range
1	GTA-304	2 - 5 AMP.
2	GTA-305	4 - 10 AMP.
3	GTA-306	8 - 20 AMP.

3 PHASE



GTV
















- System Voltage : 415VAC ±20%, 50HZ
- Micro Controller Based Technology
- For D.O.L. Submersible Pump Set
- High / Low Voltage Protection; Overload Protection
- Fault Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Phase Failure / Reverse Phasing Protection
- Electronic Start / Stop Push Button Facility
- One Minute Time Delay Before Start
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001)

Sr.	Model	Current Range
1	GTV-304	2 - 5 AMP.
2	GTV-305	4 - 10 AMP.
3	GTV-306	8 - 20 AMP.





3 PHASE



DCP - 304

-  System Voltage : **415 VAC ±20%, 50HZ**
-  For D.O.L Submersible / Monoblock Pump Set
-  High / Low Voltage Protection
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Digital Voltage / Current Meter
-  Electronic Overload Protection Programmable
-  Electronic Start / Stop Push Button Facility
-  Phase Failure / Reverse Phasing Protection
-  Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
-  Micro Controller Based Technology For Better Accuracy
-  Automatically Turn On After Power Supply Resumption* (Optional)
-  Dry Run Protection Programmable* (Optional)
-  Parameters Can be Programmable
-  Ampere Range : **2 - 20 Ampere**
-  Auto On/Off Or Cyclic Operation Programmable* (Optional)



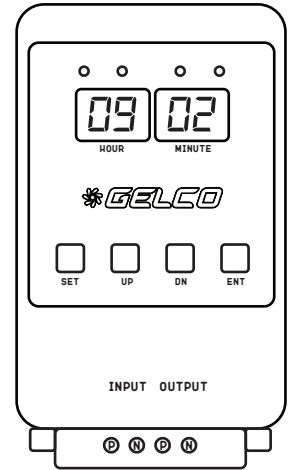
Model	Specification
DCP 304 D	 Dry Run Protection
DCP 304 DA	 Auto On With Cyclic Dry Run Protection
DCP 304 DAF	 Auto On/Off With Dry Run Protection
DCP 304 CT	 Cyclic On/Off Facility



PRODUCTION LOSS IS NOW HISTORY

WHY DIGITAL TIME SWITCH

Digital time switch are the most helpful for applications where appliances switch on/off is required more times in a day or night , which also displays most accurate time.



ADVANTAGES

- Allows energy saving by switching ON and switching OFF the street light taking into account the exact sunset and sunrise time of any place based on its latitudinal and longitudinal positioning.
- Fully Automatic Functioning Based on Sunset and Sunrise Time.
- Inbuilt More then 500 Hour Battery Backup.

APPLICATIONS

- | | | |
|-------------------------|-----------------------|-------------------------|
| Outdoor StreetLights | Home Illuminations | Pumps / Motors |
| Road Sign Illuminations | Society Illuminations | School / Colleges Bell |
| Shop Illuminations | Parking Illumination | Outdoor Advertising |
| Factories | Machine Automation | Glowsign / Neon Display |

FEATURES

- System Voltage : 230 VAC ±10%, 50HZ
- Capacity : 20 AMP (RESI)
- Micro Controller Based Technology
- Battery Backup For **500 hours**
- Real Time Digital Clock
- Industrial Grade Fire Retardant ABS Plastic Body
- By Pass Facility* (Optional)
- Auto Restart After Resumption of Power Supply

DTS

1 PHASE



Sr.	Model	Features
1	DTS - 502	Set up to 2 On/Off Programs
2	DTS - 502 (S)	Set up to 10 On/Off Programs
3	DTS - 502 (E)	Set up to 10 On/Off Programs Off Time is in Seconds

DTS

- System Voltage : 415 VAC ±10%, 50HZ
- Capacity : 6 AMP (POTENTIAL FREE)
- Micro Controller Based Technology
- Battery Backup For **500 hours**
- Real Time Digital Clock
- Industrial Grade Fire Retardant ABS Plastic Body
- Potential Free Contact
- Auto Restart After Resumption of Power Supply

3 PHASE



Sr.	Model	Features
1	DTS - 602	Set up to 2 On/Off Programs
2	DTS - 602 (S)	Set up to 10 On/Off Programs
3	DTS - 602 (E)	Set up to 10 On/Off Programs Off Time is in Seconds

GESTRO

- System Voltage : 230 VAC ±10%, 50HZ
- Capacity : 20 AMP (Resi)
- Micro Controller Based Technology
- Battery Backup For **500 hours**
- Real Time Digital Clock
- Industrial Grade Fire Retardant ABS Plastic Body
- Latitude, Longitude Base Timer**
- Auto Restart After Resumption of Power Supply
- Auto Time Setting For According to Weather and Location

1 PHASE



DTS PANEL

- System Voltage : 230 VAC ±10%, 50HZ
- Capacity : 25 AMP (Resi) ** As Per Customer Requirement
- Micro Controller Based Technology
- Real Time Digital Clock
- Powder Coated Sheet Metal Enclosure
- Auto Restart After Resumption of Power Supply
- Auto / Bypass Facility

1/3 PHASE



ASTRONOMICAL PANEL

- System Voltage : 230 VAC ±10%, 50HZ
- Capacity : 25 AMP (Resi) ** As Per Customer Requirement
- Micro Controller Based Technology
- Real Time Digital Clock
- Powder Coated Sheet Metal Enclosure
- Auto Restart After Resumption of Power Supply
- Auto / Bypass Facility
- Latitude, Longitude Base Timer**

1/3 PHASE



AC - 22

- Supply Voltage : **110/230 VAC ±20%, 50HZ, 12/24V AC/DC**
- Output : **2 C/O Relay (5A @230 VAC)**
- Micro Controller Based Technology
- Control Action : **Cyclic**
- Time Range : **1-10 Second / Minute / Hour** Selectable Through DIP Switch
- Industrial Grade Fire Retardant ABS Plastic Body
- Reset : Power On Reset
- MCC Panels For Water Pump, Compressor, Generator, Airconditioner

1 PHASE



AS - 22

- Supply Voltage : **110/230 VAC ±20%, 50HZ, 12/24V AC/DC**
- Output : **2 C/O Relay (5A @230 VAC)**
- Micro Controller Based Technology
- Control Action : **Selectable Delay On/Off**
- Time Range : **1/3/10/30 Second / Minute / Hour** Selectable Through DIP Switch
- Industrial Grade Fire Retardant ABS Plastic Body
- Reset : Power On Reset
- MCC Panels For Water Pump, Compressor, Generator

1 PHASE



AS - 21

- Supply Voltage : **230/415 VAC ±20%, 50HZ**
- Output : **2 C/O Relay (5A @230 VAC)**
- Micro Controller Based Technology
- Control Action : **Delay On / Delay Off**
- Time Range : **0 - 60 Second**
- Industrial Grade Fire Retardant ABS Plastic Body
- Reset : Power On Reset
- MCC Panels For Water Pump, Compressor, Generator, Airconditioner

1 PHASE



SD - 22

- Supply Voltage : **110/230/415 VAC ±20%, 50HZ**
- Output : **2 C/O Relay (6A @230 VAC)**
- Micro Controller Based Technology
- Control Action : **Delay On / Delay Off**
- Time Range : **y Runup Time 30/60 Second y to Change
Δ Change Over Time 30-100m Second**
- Industrial Grade Fire Retardant ABS Plastic Body
- Reset : Power On Reset
- MCC Panels For Star Delta Pump Set

1 PHASE



DT - 48

- Supply Voltage : **85 - 265VAC ±20%, 50HZ**
- Output : **2 C/O Relay (5A @230 VAC)**
- Micro Controller Based Technology
- Control Action : **Selectable Delay On/Off & Cyclic**
- Time Range : **0 - 99.9 Second / Minute / Hour**
- Industrial Grade Fire Retardant ABS Plastic Body
- Reset : Power On Reset
- Digital 0.4" Seven Segment L.E.D.

1 PHASE



DT - 21

- Supply Voltage : **85 - 265VAC ±20%, 50HZ**
- Output : **Relay NO-C-NC**
- Micro Controller Based Technology
- Relay Contact Rating : **5A/230VAC (Resi.)**
- Modes : Delay On, Delay Off; Cyclic C1 (Relay On @ Power On)
Cyclic C2 (Relay Off @ Power On)
- Industrial Grade Fire Retardant ABS Plastic Body
- Accuracy : 0.01% Of Set Time ±1 Display
- Two Digit Digital 0.39" Seven Segment L.E.D.

1 PHASE



DOT - 101

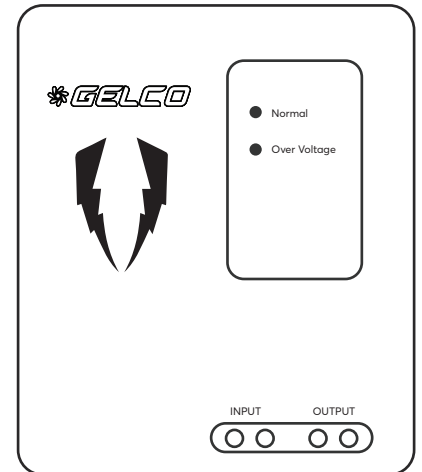
- Supply Voltage : **230VAC ±20%, 50HZ**
- Output : **230VAC ±20%, 50HZ**
- Micro Controller Based Technology
- Delayed Off Timer
- Time Range : **5 - 40 Minutes (Instep Of 5 Minutes/ Step)**
- Industrial Grade Fire Retardant ABS Plastic Body

1 PHASE



WHY OVER VOLTAGE PROTECTOR

An **Over Voltage Protector** (O.V.P.) is a safety device. Over-voltage surges are a major cause of failure of equipment. Such transient over-voltage surges are often generated due to direct/indirect effects of lightning strikes, nearby heavy load machines, circuit-breaker tripping etc.



ADVANTAGES

- Domestic : Houses, Residential Apartments, Bungalows, Flats, Farm Houses, ETC.
- Commercial : Offices, Industries, Dairy, Hospitals, Colleges, Universities, Institutes, Tution Classes, Hotels, Restaurants, Resorts, Godowns, Railway Stations, Bus Stations, Airports, Government Buildings, ETC.

FEATURES

OVP 40

- System Voltage : **230 VAC ±10%, 50HZ**
- Load Current Capacity : **40A**
- L.E.D. Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Over Voltage Protection : **>280V**
- Auto Start : **<270V**

1 PHASE



OVP 50

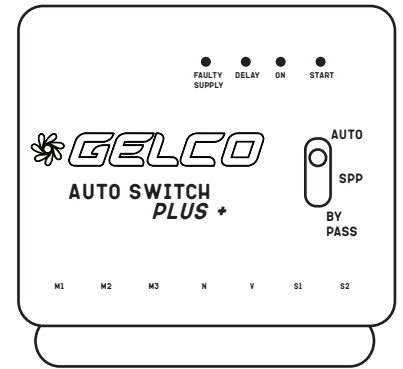
- System Voltage : **415 VAC ±10%, 50HZ**
- Load Current Capacity : **30A / 50A**
- Digital Fault Indicator
- Over Voltage Protection : **>485V**
- Auto Start : **<470V**
- Digital Volt / Current Meter - Each Phase
- Powder Coated Sheet Metal Enclosure

3 PHASE



WHY AUTO SWITCH

Gelco Auto Switch can Automatically turn on the motor or pump if the power is cut off and restored. protects your Motor/pump from burning when it running in two phases.



ADVANTAGES

- Efficiently automate the whole switch ON and switch OFF process under all types of contingencies and regular operations.
- Provide delay variability function which conventional starter does not have.
- Protect the motor/pump from the uneven and unbalanced three-phase electrical supply and guard against burning.
- Protect the motor/pump from the absence of one phase, out of the three-phases.

FEATURES

SWTF

- System Voltage : 230 VAC ±10%, 50HZ
- Capacity : 25 AMP (RESI)
- L.E.D. Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto On Delay Time : **45-60 Seconds**
- Suitable For MK 1 Type Contactor With Red / Green Push Button Panel Starter
- Bypass Facility

1 PHASE









WDS

- System Voltage : 415 VAC ±10%, 50HZ
- Capacity : 6 AMP (POTENTIAL FREE)
- L.E.D. Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto On Delay Time : **45-60 Seconds**
- Suitable For MK 1 Type Contactor With Red / Green Push Button Panel Starter
- Single Phasing Protection**
- Bypass Facility

3 PHASE










AUTO SWITCH CLASSIC

-  System Voltage : 415 VAC ±10%, 50HZ
-  Capacity : 6 AMP (POTENTIAL FREE)
-  L.E.D. Indication
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Auto On Delay Time : **45-60 Seconds**
-  Rotary Switch For Bypass / Auto / Off

3 PHASE










AUTO SWITCH +

-  System Voltage : 415 VAC ±10%, 50HZ
-  Capacity : 6 AMP (POTENTIAL FREE)
-  L.E.D. Indication
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Auto On Delay Time : **45-60 Seconds**
-  **Single Phasing Protection**
-  Bypass Facility

3 PHASE










AUTO SWITCH 2.0

-  System Voltage : 415 VAC ±10%, 50HZ
-  Capacity : 6 AMP (POTENTIAL FREE)
-  Digital Voltage / Current Meter
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Auto On Delay Time : **40 Seconds to 5 Minutes - Settable**
-  **Single Phasing Protection**
-  Bypass Facility

3 PHASE










SUPER AUTO

-  System Voltage : 415 VAC ±10%, 50HZ
-  Capacity : 6 AMP (POTENTIAL FREE)
-  Digital Voltage / Current Meter
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Auto On Delay Time : **40 Seconds to 5 Minutes - Settable**
-  **Single Phasing Protection**
-  Bypass Facility

3 PHASE



SUPER AUTO PLUS

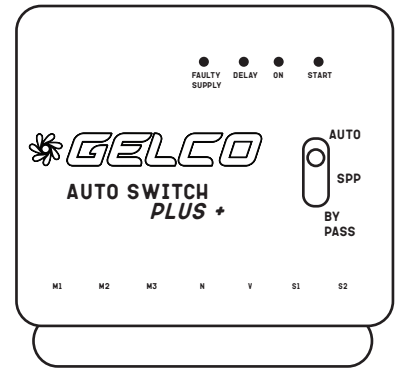
-  System Voltage : 415 VAC ±10%, 50HZ
-  Capacity : 6 AMP (POTENTIAL FREE)
-  L.E.D. Indication
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Auto On Delay Time : **45-60 Seconds**
-  **Single Phasing Protection**
-  Bypass Facility

3 PHASE



WHY AUTO PHOTO

Auto Photo is a power saver for large external lighting installation where switching off the lights is dependent on natural day light & where even manual control becomes physically tedious due to the large distance involved. It switches on the lights at dusk and switches off the lights at dawn.



APPLICATIONS

- Garden Lights
- Roadway Light
- Hoarding Lights
- Shopping Centers
- High Rise Towers
- Parking Lights
- Farm Light
- Malls

FEATURES

AUTO PHOTO

- System Voltage : 230 VAC \pm 10%, 50HZ
- Capacity : 6A
- L.E.D. Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Available With Photo Cell Sensor



AUTO PHOTO

- System Voltage : 230 VAC \pm 10%, 50HZ
- Capacity : 25A
- L.E.D. Indication
- For Outdoor Applications
- Available With Photo Cell Sensor
- Powder Coated Sheet Metal Enclosure

1 PHASE



AUTO PHOTO PANEL

- System Voltage : 230 VAC \pm 10%, 50HZ
- Capacity : 6A / 10A / 25A
- Available With Photo Cell Sensor
- Powder Coated Sheet Metal Enclosure
- IP Protected** Unlike The Conventional Light Controllers
- For Outdoor Applications

1 PHASE



A.V.M. VOLT & CURRENT METER

We offer accurate, efficient, and easy to handle measuring instruments for a variety of applications. Our quality manufacturing process and high-quality components make sure to provide an error free and reliable measurement every time.

APPLICATIONS :

- | | | |
|-------------|------------------|--------------------|
| Agriculture | Farm Houses | Industries |
| Household | Pumping Stations | Commercial Offices |
| Factories | | |



AVM - 101
3 PHASE

- Current Range Display Capacity 1-10A / 2-20A / 4-40A / 10-100A / 20-200A
- True R.M.S. Measurement
- With Current Transformer



AVM - 102
1 PHASE

- Current Range Display Capacity 1-20A / 1-40A
- True R.M.S. Measurement
- With Current Transformer



ACCURA
1 PHASE

- Current Range Display Capacity 1-20A / 1-40A
- True R.M.S. Measurement
- With Current Transformer

PHASE CHANGER

Gelco Guru, which is automatic and works without any interruption. In case of one of the phase failure our Automatic Phase Changer will transfer the load to other healthy phase & on resumption of the power to the faulty phase, the load gets transferred to original phase automatically.

3 PHASE

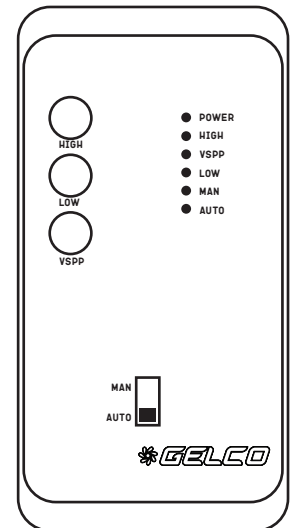
GURUU

- System Voltage : 415 VAC ±10%, 3 PHASE, 50HZ
- Load Current Rating : 32A / 50A / 63A
- Overload Protection Through M.C.B.
- For Domestic Use
- 10 Second Delay Facility
- Powder Coated Sheet Metal Enclosure



WHY PHASE FAILURE RELAY

If two of the lines supplying power to a three-phase motor are reversed, it will cause the motor to reverse the direction of rotation. This can be a serious problem with some types of equipment. Unintended reversal of direction can cause gear teeth to shear, chains to break, and the impeller of submersible pumps to unscrew off the end of the motor shaft.



ADVANTAGES

- In case of a reversal of the main supply, it provides robust protection and prevents them to rotate in a reverse direction.
- Shield the equipment from short circuits, leakage current, high voltages, low voltages, etc. Act as a robust guard for the equipment against burning.
- Protect the apparatus from phase failures.

FEATURES

PFR 101

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 45V ±15V
- Tripping Time : 4 To 7 Seconds
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : 10 To 20 Seconds
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology

1 PHASE



PFR 102

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 45V ±15V
- Tripping Time : 4 To 7 Seconds
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : 10 To 20 Seconds
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage Protection: 80% ±5V
- Over Voltage Protection: 120% ±5V

3 PHASE



PFR 103

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 30V ±15V to 70V ±15V
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **10 To 20 Seconds**
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage Protection: 80% to 90%V
- Over Voltage Protection: 105% to 120%V

3 PHASE



PFR 104

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 45V ±15V
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **10 To 20 Seconds**
- Reverse Phasing Protection
- Micro Controller Based Technology

3 PHASE



PFR 105

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 45V ±15V
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **10 To 20 Seconds**
- Phase Failure Protection
- Micro Controller Based Technology

3 PHASE



PFR 106

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 45V ±15V
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **10 To 20 Seconds**
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage Protection: <320V
- Over Voltage Protection: >480V

3 PHASE



PFR 107

- Aux Supply Voltage : 415 VAC ±20%, 50HZ
- Phase Unbalanced Volt : 45V ±10V
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **30 Seconds To 300 Seconds**
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage / Over Voltage Protection: 80% to 90%V
- Star to Delt Convert Timer : **6 Seconds to 30 Seconds**

3 PHASE



WHY MOTOR PROTECTION RELAY

The manufacturing industry in today's market dominates the industrial sphere. In this sector, a major portion of power is consumed to convert raw materials into finished goods. It is a mandatory resource, as over 50% of the work in today's manufacturing plant is attained by electric motors or new-age servo motors. As per a research study to understand the electricity consumption trends, this percentage will continue to increase to sustain the production rate in the future. Thus, it's not really all that surprising that the production and manufacturing sector is dependent on electric motors. It's essential to ensure that motors and motor starters are adequately protected. If you follow this, then it will provide you with maximum operating time and cut down on any chance of outages. With these complex industrial setups, improperly protected motors might result in unexpected production downtime, losses, and breakdowns in the machinery.

Gelco is mainly involved in the development of improved and cost-effective motor protection devices like Phase Failure Relays, Motor Guard Relays, Pump Guard Relays.

MGR 101

- Aux Supply Voltage : 415 VAC \pm 20%, 50HZ
- Phase Unbalanced Volt : 50% Of Full Scale Current
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **10 To 20 Seconds**
- Reverse Phasing Protection; High / Low Voltage Protection
- Micro Controller Based Technology
- Under Voltage Protection: **80% \pm 5V**
- Over Voltage Protection: **120% \pm 5V**
- Overload Protection
- For MCC Panels Of Water Pumps



CT Unit	CTU - 05	CTU - 10	CTU - 20	CTU - 40	CTU - 80
Current Range	2 - 5A	4 - 10A	8 - 20A	16 - 40A	32 - 80A

MGR 102

- Aux Supply Voltage : 415 VAC \pm 20%, 50HZ
- Phase Unbalanced Volt : **45 \pm 5V**
- Tripping Time : **4 To 7 Seconds**
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : **10 To 20 Seconds**
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage Protection: **80% \pm 5V**
- Over Voltage Protection: **120% \pm 5V**
- Overload Protection
- For MCC Panels Of Water Pumps



CT Unit	CTU - 05	CTU - 10	CTU - 20	CTU - 40	CTU - 80
Current Range	2 - 5A	4 - 10A	8 - 20A	16 - 40A	32 - 80A

WHY PUMP PROTECTION RELAY

The manufacturing industry in today's market dominates the industrial sphere. In this sector, a major portion of power is consumed to convert raw materials into finished goods. It is a mandatory resource, as over 50% of the work in today's manufacturing plant is attained by electric motors or new-age servo motors. As per a research study to understand the electricity consumption trends, this percentage will continue to increase to sustain the production rate in the future. Thus, it's not really all that surprising that the production and manufacturing sector is dependent on electric motors. It's essential to ensure that motors and motor starters are adequately protected. If you follow this, then it will provide you with maximum operating time and cut down on any chance of outages. With these complex industrial setups, improperly protected motors might result in unexpected production downtime, losses, and breakdowns in the machinery.

Gelco is mainly involved in the development of improved and cost-effective motor protection devices like Phase Failure Relays, Motor Guard Relays, Pump Guard Relays.

PGR 101

- Aux Supply Voltage : 415 VAC \pm 20%, 50HZ
- Phase Unbalanced Volt : 50% Of Full Scale Current
- Tripping Time : 4 To 7 Seconds
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : 10 To 20 Seconds
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage Protection: 80% \pm 5V
- Over Voltage Protection: 120% \pm 5V
- Overload Protection
- Dry Run Protection : 40% to 80% Of Overload Settings



CT Unit	CTU - 05	CTU - 10	CTU - 20	CTU - 40	CTU - 80
Current Range	2 - 5A	4 - 10A	8 - 20A	16 - 40A	32 - 80A

PGR 102

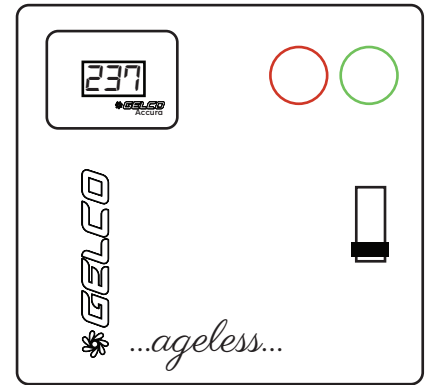
- Aux Supply Voltage : 415 VAC \pm 20%, 50HZ
- Phase Unbalanced Volt : 45 \pm 5V
- Tripping Time : 4 To 7 Seconds
- Industrial Grade Fire Retardant ABS Plastic Body
- Auto Reset Time : 10 To 20 Seconds
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology
- Under Voltage Protection: 80% \pm 5V
- Over Voltage Protection: 120% \pm 5V
- Overload Protection
- Dry Run Protection : 40% to 80% Of Overload Settings



CT Unit	CTU - 05	CTU - 10	CTU - 20	CTU - 40	CTU - 80
Current Range	2 - 5A	4 - 10A	8 - 20A	16 - 40A	32 - 80A

WHY PANELS

Gelco Panels are used to protect motors from damage that can be caused by very high current and torque during startup. They do this by providing external resistance to the motor, which is connected in series to the motor's armature winding and restricts the current to an acceptable level.



SMARTER PANELS

Gelco Smarter Panels are easy to use, long lasting starters to switch electric water pumps & motors on and off. Available in range of 0.5 HP to 100 HP (Single Phase and Three Phase) motors or pumps.

ADVANTAGES

- Genuine, Easily Available parts for long life.
- Advanced models with digital parameter display.
- analog Meter Option Available.

APPLICATIONS

- Farms
- Remote Residential Areas
- Public Gardens
- General Shops
- Under-Construction Building Sites
- Small Scale Industries

GSS - TINNY

- System Voltage : **230 VAC ±10%, 50HZ**
- For Openwell Motors
- L.E.D. Indication
- Industrial Grade Fire Retardant ABS Plastic Body
- Overload Protection Through M.C.B.

Sr.	Capacitor	M.C.B	Motor H.P.
1	0+36	10 A	0.5 H.P.
2	0+50	16 A	1 / 1.5 H.P.
3	0+72	16 A	2 H.P.

1 PHASE



DIGI - TINNY

- System Voltage : **230 VAC ±10%, 50HZ**
- For Openwell Motors
- Industrial Grade Fire Retardant ABS Plastic Body
- Digital Current, Volt Meter
- Overload Protection Through M.C.B.

Sr.	Capacitor	M.C.B	Motor H.P.
1	0+36	10 A	0.5 H.P.
2	0+50	16 A	1 / 1.5 H.P.
3	0+72	16 A	2 H.P.

1 PHASE



DIGI MCB WS

- System Voltage : **230 VAC ±10%, 50HZ**
- For Submersible / Monoblock Pump Set
- Powder Coated Sheet Metal Enclosure
- Digital Current / Volt Meter
- Overload Protection Through M.C.B.

Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	1 H.P.	100/120	0+50	10 A
3	1.5/2 H.P.	150/200	36+36	20 A

1 PHASE



GSS MCB WS

- System Voltage : **230 VAC ±10%, 50HZ**
- For Submersible / Monoblock Pump Set
- Powder Coated Sheet Metal Enclosure
- Digital Current / Volt Meter
- Overload Protection Through M.C.B.

Sr.	Capacitor	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	1 H.P.	100/120	0+50	10 A
3	1.5/2 H.P.	150/200	36+36	20 A

1 PHASE



GSS - ELCW

- System Voltage : **230 VAC ±10%, 50HZ**
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- MK - 1 Type Relay Contactor
- Thermal Overload Protection
- Analog Current / Volt Meter

Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	1.5/2 H.P.	150/200	36+36	20 A

1 PHASE



DIGI - ELCW

- System Voltage : 230 VAC ±10%, 50HZ
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- MK - 1 Type Relay Contactor
- Thermal Overload Protection
- Digital Current / Volt Meter

Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	AMP.
1	0.5/0.75/1 H.P.	100/120	0+36	6-10 AMP.
2	1.5/2 H.P.	100/120	36+36	13-21 AMP.
3	3 H.P.	150/200	50+50	13-24 AMP.
4	3 H.P. (Heavy)	200/250	50+50	20-32 AMP.

1 PHASE



GSS - ELCW 1

- System Voltage : 230 VAC ±10%, 50HZ
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- Single Pole Power Contactor
- Overload Protection Through M.C.B.
- Analog Current / Volt Meter

Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	1.5/2 H.P.	150/200	36+36	20 A

1 PHASE



DIGI - ELCW 1

- System Voltage : 230 VAC ±10%, 50HZ
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- Single Pole Power Contactor
- Overload Protection Through M.C.B.
- Digital Current / Volt Meter

Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	1.5/2 H.P.	150/200	36+36	20 A

1 PHASE



DIGI - ELCW 2

- System Voltage : 230 VAC ±10%, 50HZ
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- Single Pole Power Contactor
- Overload Protection Through Electronic SOR Relay
- Digital Current / Volt Meter

Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	1.5/2 H.P.	150/200	36+36	20 A

1 PHASE



GSS - ELCW 3

- System Voltage : **230 VAC ±10%, 50HZ**
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- Two Pole Power Contactor
- Overload Protection Through M.C.B.
- Analog Current / Volt Meter

Sr.	Capacitor	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	10 A
2	0.5/0.75/1 H.P.	100/120	0+50	10 A
3	1/1.5 H.P.	120/150	0+36	16 A
4	1/1.5 H.P.	120/150	0+50	16 A
5	1.5 H.P.	120/150	36+36	16 A
6	2 H.P.	150/200	36+36	20 A
7	2 H.P.	200/250	36+36	20 A
8	2 H.P.	200/250	50+36	20 A
9	3 H.P.	200/250	50+50	25 A
10	3 H.P.	200/250	72+50	25 A
11	3 H.P.	200/250	72+60	25 A

1 PHASE



GSS - ELCW 4

- System Voltage : **230 VAC ±10%, 50HZ**
- For Borewell Pump Set
- Powder Coated Sheet Metal Enclosure
- Autoset Electronic Dryrun Protection
- Electronic Overload Protection Programmable
- Analog Current / Volt Meter

Sr.	Capacitor	Starting Capacitor	Running Capacitor	M.C.B.
1	0.5/0.75/1 H.P.	100/120	0+36	2 - 20 AMP.
2	1 H.P.	100/120	0+50	2 - 20 AMP.
3	1/1.5 H.P.	150/200	36+36	2 - 20 AMP.
4	1.5/2 H.P.	200/250	36+36	2 - 20 AMP.
5	1.5/2 H.P.	200/250	50+36	2 - 20 AMP.
6	1.5/2 H.P.	200/250	50+50	2 - 20 AMP.

1 PHASE



DIGI : DOL

- System Voltage : **415 VAC ±10%, 50HZ**
- For D.O.L. Submersible / Monoblock Pump Set
- Powder Coated Sheet Metal Enclosure
- Automatically Turn On After Power Supply Resumption
- Thermal Overload Protection
- Heavy Contactor
- Digital Current / Volt Meter
- Automatic Rotational Phase to Phase Voltage Indication

Relay Range			
4 - 6.5 AMP.	6 - 10 AMP.	9 - 14 AMP.	13 - 21 AMP.

3 PHASE



DIGI : DOL PLUS

- System Voltage : **415 VAC ±10%, 50HZ**
- For D.O.L. Submersible / Monoblock Pump Set
- Powder Coated Sheet Metal Enclosure
- Automatically Turn On After Power Supply Resumption
- Thermal Overload Protection
- BCH Make 4 Pole Contactor
- Digital Current / Volt Meter
- Automatic Rotational Phase to Phase Voltage Indication
- Single Phasing Protection
- Smart Phase Indications

3 PHASE



Relay Range			
4 - 6.5 AMP.	6 - 10 AMP.	9 - 14 AMP.	13 - 21 AMP.

DIGI FASD

- System Voltage : **415 VAC ±10%, 50HZ**
- For Star Delta, Submersible Pump Set
- Powder Coated Sheet Metal Enclosure
- Automatically Turn On After Power Supply Resumption
- Thermal Overload Protection
- Automatic Star To Delta Correction
- Digital Current / Volt Meter
- Automatic Star To Delta Correction
- Single Phasing Protection
- Automatic Rotational Phase to Phase Voltage Indication
- Smart Phase Indications

3 PHASE



Relay Range		
12.5 - 20 AMP.	17 - 24 AMP.	20 - 32 AMP.

GEW 1 / GEW 2







- System Voltage : **230 VAC ±10%, 50HZ**
- For D.O.L. Motors
- Powder Coated Sheet Metal Enclosure
- Electronic Start / Stop Push Button Facility
- Thermal Overload Protection

1 PHASE



Sr.	Motor H.P.	Overoad Range
1	5 H.P.	6 - 10 AMP.
2	7.5 H.P.	9 - 14 AMP.
3	10 H.P.	13 - 21 AMP.

GEW - 1 (DMC)

-  System Voltage : **230 VAC ±10%, 50HZ**
-  For D.O.L. Motors
-  Powder Coated Sheet Metal Enclosure
-  Electronic Start / Stop Push Button Facility
-  Thermal Overload Protection
-  DMC Type White Heavy Contactor

Sr.	Motor H.P.	Overoad Range
1	5 H.P.	6 - 10 AMP.
2	7.5 H.P.	9 - 14 AMP.
3	10 H.P.	13 - 21 AMP.



1 PHASE



THE SMARTER WATER STATER









SAFETY PANELS

GELCO Ageless Safety Panels, with high-tech sensors for various parameters of pumps & motors, stringently monitor all critical parameters that could cause harm and protect users from incurring major repair expenses. They are specially designed to fulfill the need for a Safety Panel that scores equally high in performance, reliability, safety, and precaution. Available in a range of 0.5 HP to 100 HP (Single Phase & Three Phase) motors/pumps.

ADVANTAGES










- User Friendly -- designed & developed in-house ; Optional automation.
- LED display alerts & reports for malfunction breakdown— reduced maintenance & time costs.
- High-tech safety systems for longer work-life.

APPLICATIONS

- | | | |
|---|--|---|
|  Residential Bungalows |  Industries |  Schools, Colleges, Universities |
|  Commercial Complexes |  Hospitals, Clinics |  Government Buildings |
|  Corporate Offices |  Multiplexes | |

FEATURES

GSS - E

-  System Voltage : 230 VAC \pm 10%, 50HZ
-  For Borewell Pump Set
-  High / Low Voltage Protection
-  Powder Coated Sheet Metal Enclosure
-  2 Nos. Power Contactor : 1 Pole
-  Electronic Overload Protection
-  Inbuilt Electronic Starter
-  Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
-  Automatic Starting Capacitor Cutoff

1 PHASE



Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	AMP. Range
1	0.5/0.75/1 H.P.	100/120	0+36	8 - 20 A
2	1.5/2 H.P.	150/200	36+36	8 - 20 A

DIGI GTW

- System Voltage : 415 VAC ±10%, 50HZ
- For D.O.L Submersible Pump Set
- High / Low Voltage Protection
- Powder Coated Sheet Metal Enclosure
- Digital Current / Volt Meter
- Electronic Overload Protection Programmable
- Electronic Start / Stop Push Button
- Automatically Turn On After Power Supply Resumption
- Phase Failure / Reverse Phasing Protection
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
- Dryrun Protection Programmable* (Optional)



Model	Specification
DIGI GTW D	Dry Run Protection
DIGI GTA	Auto On After Power Resumption
DIGI GTV	Facility To Connect Gelco Water Level Controller
DIGI GTW SMART	Facility To Connect Automatic Phase Reverse



GSS - RE

- System Voltage : 230 VAC ±10%, 50HZ
- For Openwell Pump Set
- High / Low Voltage Protection
- Industrial Grade Fire Retardant ABS Plastic Body
- Electronic Overload Protection
- Inbuilt Electronic Starter
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)

1 PHASE



Sr.	Motor H.P.	Run Capacitor	AMP. Range
1	0.5 H.P.	0+36	8 - 16 Amp.
2	0.75/1 H.P.	0+50	8 - 16 Amp.
3	1 H.P.	0+72	8 - 16 Amp.



H2ON > H2OFF










SAFE & COMFORT PANELS

GELCO Safe & Comfort Panels come with high-tech sensors for various parameters of pumps & motors, and its operations can be customized as per the user's convenience and operational time preferences. It is the perfect option for customers who substantially value their time. Available in a range of 0.5 HP to 100 HP (Single Phase & Three Phase) motors/pumps.

ADVANTAGES











- Monitoring, sensing & alerting features saves major repair & time costs.
- Pre-scheduled operation timings for great user convenience.
- Digital Alerts for breakdowns + reports on the type of breakdown.

APPLICATIONS

- | | | |
|---|--|--|
|  Corprae Houses |  Industries |  Schools, Colleges, Universities |
|  Commercial Complexes |  Hospitals, Clinics |  Government Buildings |
|  Multy Story Residential Complexes |  Multiplexes |  Shopping Malls, Supermarkets |

FEATURES






DCP - RE

-  System Voltage : 230 VAC ±20%, 50HZ
-  For Openwell Motors
-  High / Low Voltage Protection
-  Industrial Grade Fire Retardant ABS Plastic Body
-  Micro Controller Based Technology For Better Accuracy
-  Overload Protection ; Dry Run Protection Programmable
-  Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
-  Auto On/Off Or Cyclic Opration Facility* (Optional)
-  Digital Voltage / Current Meter
-  Inbuilt Water Level Controller* (Optional)

1 PHASE



Sr.	Motor H.P.	Capacitor	AMP. Range
1	0.5	0+36	2 - 16 A
2	1 H.P.	0+50	2 - 16 A

Model	Specification
DCP RE D	 Dry Run Protection
DCP RE DA	 Auto On With Dry Run Protection
DCP RE OFF	 Auto On/Off With Dry Run Protection
DCP RE CT	 Cyclic On/Off Facility
DCP RE WL	 Inbuilt Water Level Controller

ELCW +

- System Voltage : **230 VAC ±20%, 50HZ**
- For Submersible / Monoblock Pump Set
- High / Low Voltage Protection
- Powder Coated Sheet Metal Enclosure
- Digital Voltage / Current Meter
- Electronic Overload Protection Programmable
- Inbuilt Electronic Starter
- Power Contactor : **1 Pole**
- Auto On/Off Or Cyclic Opration Programmable* (Optional)
- Dry Run Protection* (Optional)

1 PHASE



Sr.	Capacitor	Starting Capacitor	Running Capacitor	AMP. Range
1	0.5/0.75/1 H.P.	100/120	0+36	4 - 20 AMP.
2	1.5/0.75/1 H.P.	100/120	0+50	4 - 20 AMP.
3	1.5/2 H.P.	150/200	36+36	4 - 20 AMP.
4	3 H.P.	200/250	50+50	15 - 30 AMP.

Model	Specification
ELCW+ D	Dry Run Protection
ELCW+ DA	Auto On With Dry Run Protection
ELCW+ DAF	Auto On/Off With Dry Run Protection
ELCW+ CT	Cyclic On/Off Facility

DCP - 7201

- System Voltage : **230 VAC ±20%, 50HZ**
- For Submersible/Monoblock Pump Set
- High / Low Voltage Protection
- Powder Coated Sheet Metal Enclosure
- Digital Voltage / Current Meter
- Electronic Overload Protection
- Inbuilt Electronic Starter
- 2 Nos. Power Contactor : **1 Pole**
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
- Auto On/Off Or Cyclic Opration Programmable* (Optional)
- Dry Run Protection* (Optional)
- Inbuilt Water Level Controller* (Optional)

3 PHASE



Sr.	Motor H.P.	Starting Capacitor	Running Capacitor	AMP. Range
1	0.5/0.75/1 H.P.	100/120	0+36	4 - 20 A
2	1.5/2 H.P.	150/200	36+36	4 - 20 A

Model	Specification
DCP 7201 D	Dry Run Protection
DCP 7201 DA	Auto On With Dry Run Protection
DCP 7201 DAF	Auto On/Off With Dry Run Protection
DCP 7201 CT	Cyclic On/Off Facility
DCP 7201 WL	Inbuilt Water Level Controller

DCP - 304

- System Voltage : **415 VAC ±20%, 50HZ**
- For D.O.L Submersible / Monoblock Pump Set
- High / Low Voltage Protection
- Industrial Grade Fire Retardant ABS Plastic Body
- Digital Voltage / Current Meter
- Electronic Overload Protection Programmable
- Electronic Start / Stop Push Button Facility
- Phase Failure / Reverse Phasing Protection
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
- Micro Controller Based Technology For Better Accuracy
- Automatically Turn On After Power Supply Resumption* (Optional)
- Dry Run Protection Programmable* (Optional)
- Parameters Can be Programmable
- Ampere Range : **2 - 20 Ampere**

3 PHASE



Model	Specification
DCP 304 D	Dry Run Protection
DCP 304 DA	Auto On/Off Cyclic Operational Programmable
DCP 304 DAF	Auto On/Off With Dry Run Protection
DCP 304 CT	Cyclic On/Off Facility



DCP - 9603

- System Voltage : **415 VAC ±20%, 50HZ**
- For D.O.L Submersible / Monoblock Pump Set
- High / Low Voltage Protection
- Powder Coated Sheet Metal Enclosure
- Digital Voltage / Current Meter
- Electronic Overload Protection Programmable
- Electronic Start / Stop Push Button Facility
- Phase Failure / Reverse Phasing Protection
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
- Micro Controller Based Technology For Better Accuracy
- Automatically Turn On After Power Supply Resumption
- Dry Run Protection Programmable* (Optional)
- Parameters Can be Programmed
- Remote On / Off Facility
- Automatic Rotational Phase to Phase Voltage Indication
- Cyclic On / Off Facility Programmable* (Optional)

3 PHASE



Relay Range		
2 - 5 AMP.	4 - 10 AMP.	8 - 20 AMP.

Model	Specification
DCP 9603 DP	For Dual Pump Alternate Run Operation

DCP - 9613

- System Voltage : **415 VAC ±20%, 50HZ**
- For Star Delta Motors
- High / Low Voltage Protection
- Powder Coated Sheet Metal Enclosure
- Digital Voltage / Current Meter
- Electronic Overload Protection Programmable
- Electronic Start / Stop Push Button Facility
- Phase Failure / Reverse Phasing Protection
- Micro Controller Based Technology For Better Accuracy
- Automatically Turn On After Power Supply Resumption
- Dry Run Protection Programmable* (Optional)
- Fully Automatic Star Delta Stater
- Remote On / Off Facility
- Automatic Rotational Phase to Phase Voltage Indication
- Cyclic On / Off Facility Programmable* (Optional)

3 PHASE



Sr.	Motor H.P.	Overoad Range
1	7.5 H.P.	8 - 20 AMP.
2	10 H.P.	8 - 20 AMP.
3	12.5 H.P.	8 - 20 AMP.
4	15 H.P.	16 - 40 AMP.
5	20 H.P.	16 - 40 AMP.

Sr.	Motor H.P.	Overoad Range
5	25 H.P.	16 - 40 AMP.
6	30 H.P.	32 - 80 AMP.
7	35 H.P.	32 - 80 AMP.
8	40/50 H.P.	32 - 80 AMP.
9	75 H.P.	48 - 120 AMP.

DCP - 9623 (DOL)





















- System Voltage : **415 VAC ±20%, 50HZ**
- For D.O.L Submersible / Monoblock Pump Set
- High / Low Voltage Protection
- Powder Coated Sheet Metal Enclosure
- Digital Voltage / Current Meter
- Electronic Overload Protection Programmable
- Electronic Start / Stop Push Button Facility
- Phase Failure / Reverse Phasing Protection
- Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
- Micro Controller Based Technology For Better Accuracy
- Automatically Turn On After Power Supply Resumption
- Dry Run Protection Programmable* (Optional)
- Parameters Can be Programmed
- Remote On / Off Facility
- Automatic Rotational Phase to Phase Voltage Indication
- Cyclic On / Off Facility Programmable* (Optional)

3 PHASE



Relay Range						
16 - 40 AMP.	24 - 60 AMP.	32 - 80 AMP.	38 - 95 AMP.	48 - 120 AMP.	56 - 140 AMP.	74 - 185 AMP.

ATS PANEL

-  System Voltage : **415 VAC ±20%, 50HZ**
-  For D.O.L Submersible / Monoblock Pump Set
-  Powder Coated Sheet Metal Enclosure (**IP 65**)
-  Digital Voltage / Current Meter; Digital Fault Indicator
-  Electronic Overload Protection: **2 Sec Inverse Time Current Characteristic**
-  Electronic Start / Stop Push Button Facility
-  Phase Failure / Reverse Phasing Protection
-  Facility to Connect GELCO Water Level Controller Adaptor (LLC-001D)
-  Micro Controller Based Technology For Better Accuracy
-  Automatically Turn On After Power Supply Resumption
-  Electronic Prodlless Dry Run Protection: **1% to 90% Programmable**
-  Parameters Can be Programmed
-  Remote On / Off Facility
-  Automatic Rotational Phase to Phase Voltage Indication
-  Voltage Unbalance: **45V ±10%**; Current Unbalance: **±50% Of Set Overload Protection**
-  Over Voltage Protection: **460V To 500V Programmable**
-  Under Voltage Protection: **300V To 350V Programmable**
-  Auto Transformer Protected Against Over Temperature (Thermistor)
-  Auto On/ Off Timer: **1 - 240 Min Programmable**
-  Start To Run Convert Time: **5 - 30 Sec Programmable**



WHENEVER - WATER






THE UNINTERRUPTED FLOW OF TECHNOLOGY

PERSONAL CARE PRODUCTS

ULTRA VIOLTEÉ









Gelco Introduces personal care product range, which makes your daily life extremely safe, hygienic and gives you peace of mind. Gelco Ultra Violtee is user friendly, portable and safe to use disinfecting chamber that use ultra-violate rays (UV-C Rays) to Kill Virus, Bacteria (Pathogens) and microorganisms from the surface of all objects and items exposed in it. Ultra Violtee use short-wave UV-C radiation with peak at 253.7nm to inactivate the DNA & RNA of virus, bacteria (pathogens) and microorganisms and killing 99.99% in just 3 minutes. Gelco Ultra Violtee is tested at NABL accredited laboratory. Thats why Gelco Ultra violtee gives you Extremely safety and pure protection every day.

ADVANTAGES

-  Perfectly solution to disinfect car and bike's key instead of alcoholic sanitizers that can increase the chance of fire.
-  Perfect for jewelry in place of chemical sanitizers
-  It can disinfect currencies, newspapers, couriers, bills, challans, visiting cards, etc. with the dry sanitization UV methods.
-  It can remove deadly viruses and bacterias without washing and liquid sanitization.
-  Perfect for the liquid sensitive electronic equipment like mobile's cameras, speakers, CDs/DVDs, pen drives, microphone, etc.

FEATURES









GDC - CT11

-  System Voltage : **230 VAC ±10%, 50HZ**
-  Power : **12W**
-  L.E.D. Indication
-  Capacity : **12 Liters**
-  Preset Timer : **3 Minutes**
-  Wavelength : **253.7nm (Peak)**
-  Powder Coated Sheet Metal Enclosure
-  Radiation : **UV - C**

1 PHASE



GDC - CT22


-  System Voltage : **230 VAC ±10%, 50HZ**
-  Power : **12W**
-  L.E.D. Indication
-  Capacity : **12 Liters**
-  Preset Timer : **3 Minutes**
-  Wavelength : **253.7nm (Peak)**
-  Powder Coated Sheet Metal Enclosure
-  Radiation : **UV - C**

1 PHASE



TOUCH
GET IN

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