### SAVE ELECTRICITY REDUCE ELECTRIC BILL



# THEM THEM.

#### MULTIGUARD GOLD MULTIGUARD-GOLD AS IT'S NAME SUGGESTS, IS THE ULTIMATE SOLUTION AGAINST 'MULTIPLE' ELECTRICAL FAULTS.

ELCB+MCB+HIGH/LOW PROTECTON WITH DELAY START TIMER & SIREN



ELCB : Saves life during fatal electric shock and also provides protection against Earth Fault.

MCB: It is achieved by 25 Amp 'ISI' marked MCB. It prevents. electric fire due to short circuit thereby saves your properties. HIGH: When input supply voltage exceeds above 275 V, it cuts off (trip) the mains supply and protects your appliances.

LOW: When input supply goes below 170 V, it cuts off (trip) the mains supply and protects appliances like fridge, AC, etc. AUTO START: It starts the mains supply automatically when input supply voltage comes under normal range.

VARIABLE : Shock sensitivity can be set from 5ma. to 30 ma. So more safety for you and your appliances.

AUTO BYPASS SWITCH: Most advance bypass with auto return. DELAY START TIMER: When normal supply resumes, by putting Timer switch 'ON', it will start the mains supply after a time delay of approx. 3 mins. This will protect the 'compressor & motor' from getting overloaded during frequent voltage fluctuations.

AUTO STOP SIREN: Whenever it trips because of any fault like High, Low or Earth fault, a buzzer siren will sound. This siren will stop automatically after 10 sec. This siren indicates that this is not a supply failure but a tripping fault has occurred.

EMERGENCY LIGHT CONNECTOR: To help during darkness.

#### ONLY ONE UNIT FOR YOUR WHOLE HOUSE

#### ARE YOU USING WATER PUMP? THEN MANY A TIMES.

- Tank gets overflow..... Wastage of water and electricity.
- Tank gets totally empty as you have forgotten to switch ON the pump.
- Pump runs DRY and water is not reaching the upper tank at all.
- You have to climb up above to the tarrace to see the level of water in the tank.

.....TO GET RID OF ALL THESE.....JUST USE.....



AUTO FILL
# AUTOMATICALLY STARTS

# AUTOMATICALLY STARTS & STOPS PUMP. # SAVES PUMP FROM RUNNING DRY - RUN WITHOUT WATER. # DISPLAY:
ON-OFF-DRY STATUS OF THE PUMP & EMPTY-FULL LEVEL OF BOTH UPPER & LOWER TANKS. # FACILITY OF FULL AUTOMATIC, SEMI AUTO & MANUAL CONTROL. # SAVES WATER & ELECTRICITY.

MAGNET SENSOR USED TO CHECK THE LEVEL OF WATER ARE SHOCK PROOF, RUST FREE & NO POSSIBILITY OF SALT DEPOSITION ON IT.

## COMFORT SAVING SAFETY,

#### ACTIME

#### CYCLIC ON-OFF TIMER WITH HIGH/LOW CUTOFF & DELAY

- \* Do you know that a 1.5 Ton AC consumes aprox 2 units per hour
- \* Do you feel sometimes cooling is too high to wake you up many a times in night to turn OFF the AC & turn ON the ceiling fan?
- \* And then when Temp. goes high, you have to wake up once again to turn ON the AC and turn OFF the ceiling fan?

ACTIME is a quartz based cyclic ON-OFF timer which will keep on turning ON your AC and turning it OFF repeatedly in cyclic mode at a fix time which can be preset by you as per your requirement and comfort. Moreover, during OFF period when AC is off, it will turn ON your 'ceiling fan' to maintain cooling. Please note that ceiling fan consumes only 25% of electricity as compared to blower of an AC & since AC is getting OFF for fix period of time, there will be considerable saving of Electricity.

HIGH / LOW CUTOFF: Protects the AC by cutting off the supply.

DELAY START: It always starts the AC only after a delay of approx. 3 minutes, which will protect the compressor from getting overloaded.

BYPASS SWITCH: One can bypass the ACTIME using this switch.

DISPLAY: With 9 LEDs for all status and fault information.

SPECIAL APPLICATIONS: 1) It can also be used for Deep freezer, Water cooler or any motor or machine or pump to be operated in a cyclic mode. 2) TWO AC model can also be made for sequential operation of two ACs to operate one by one with High/Low protection & Delay Start facility for both the ACs.



SAVING OF
ELECTRICITY
WITH AC'S
EFFICIENT USE



GLOWING SIGN
BOARD IS NOTICED
MAXIMUM DURING 8
TO 12 PM. REST OF
THE TIME IT IS WASTE
OF ELECTRICITY. AS
PER COMMERCIAL
RATE EVERY 1 UNIT
IS A LOSS OF RS 10.

#### TIME MACHINE ELECTRONIC QUARTZ BASED PROGRAMMABLE ON-OFF TIMER WITH HIGH / LOW VOLTAGE PROTECTION

'TIME MACHINE' is a quartz based electronic ON-OFF timer which can be programmed to turn ON and turn OFF any electrical appliance at some fix time in a day. It will keep on turning ON and OFF the appliance everyday till the timer is reset or a new time slot is reprogrammed. Moreover, it also protects the electrical gadget from hazardous High and Low voltages by cutting off the supply.

**BACKUP**: Battery Backup is provided, so that there is no time loss or program loss during electricity failure. 9 V battery of Rs. 20 is used. **CLOCK**: Quartz clock assures high accuracy in timer. **HIGH VOLTAGE TRIP**: Protects the appliance during High voltages.

**HIGH VOLTAGE TRIP :** Protects the appliance during High voltages and cuts off the supply when it goes above 275 Volts.

LOW VOLTAGE TRIP: Also protects the appliance during Low voltages and cuts off the supply when it goes below 170 Volts.

AUTO START: Auto Starts the appliance when voltage goes normal.

BYPASS SWITCH: Bypass Switch is provided to turn ON or turn OFF the appliance manually bypassing the timer.

<u>USEFUL APPLICATIONS</u>: 1. For advertising in night. like signboard, glow sign display, etc. 2. For saving electricity. By time control of street light or pourch/parking/ staircase light.

3. For saving water. By controlling water pump of an apartment or water works etc. A timer with special 'Liquid Level Logic' is also available for best results. Along with time-control of pump it also checks the full level of upper tank and empty level of lower tank to avoid dry running and overflowing of the water.

YOUR COSTLY EQUIPMENTS PROTECTED AT MINOR COST TO PROTECT LIFE OF YOUR CHILDREN IS IN YOUR HAND

MULTIGUARD (ELCB+MCB+HIGH/LOW CUTOFF)



\* SAVE YOUR FAMILY LIFE FROM ELCTRIC SHOCK. \* SAVE PROPERTIES FROM

FIRE OF SHORT CIRCUIT.
\* SAVE ALL ELECTRIC &
ELECTRONIC APPLIANCES
FROM DAMAGE DUE TO
HIGH & LOW VOLTAGES.

ONLY ONE UNIT FOR WHOLE HOUSE

#### **MULTIGUARD GOLD 3 PHASE**



ELCB + HIGH/LOW CUTOFF WITH DELAY TIMER, AUTOSTOP SIREN, AUTO BYPASS S/W & SINGLE PHASE PREVENTION.

Ideal for house, office or factory having '3' phase electric supply. With 25 amp. per phase capacity.

#### **AC TIME FOR 2 AC**

CYCLIC TIMER FOR TWO A

Ideal for 'ATM center or
Server room' Where the



Server room' Where there are two AC. Both AC will be sequentially turned ON & OFF in cyclic mode one after another at your preset time. More over, High/Low voltage cutoff & Delay Start timer will protect the compressor.

**SAFETY WITH COMFORT** 

#### PEST AWAY ULTRA SOUND PEST REPELER



Rat, Cockroach,
Lizard, Bat, can
Listen to 'Ultra
Sound' but Human
can not. This very
High Pitch sound
Mentally irritates
& forces them to

go away & leave

the place.

SAFE FOR CHILDREN AS NO CHEMICAL GERMICIDE OR PESTICIDE USED. ONLY 2 WATT OF ELECTRIC CONSUMPTION.

#### **C-SAVER** ELECTRONIC ENERGY SAVER USING QUARTZ BASED CYCLIC TIMER



It is quartz based cyclic timer which automatically turns the 'fridge' ON & OFF as per preset time depending on usages, comfort needed & available atmosphere.

SPECIALLY DESIGNED FOR ICE CREAM 'DEEP FRIDGE' & 'BOTTLE COOLER' TO SAVE ELECTRICITY & REDUCE BILL.

#### TURN OFF THEM AT RIGHT TIME & SAVE ELECTRICITY ELECTRONIC QUARTZ PASED





Automatically TURNS OFF the equipment(s) like: Sign board, Glow Sign, Street Light, Porch, Ladder, Parking, Corridor Light, Water Pump, AC, Air Cooler, Water Cooler and any '1 or 3 Phase' Motor, Machine, Heater, Appliances, etc.

**DON'T W**ORRY TO LOOK AT CLOCK.

#### TIMEMACHINE FOR WATER PUMP



ELECTRONIC QUARTZ CONTROLLED ON-OFF PROGRAMMABLE TIMER FOR WATER PUMP

CONTROLS WATER PUMP TO START & STOP DAILY AT FIX PRE-SET TIME. IF DURING THIS 'RUN' TIME, TANK GETS FULL OR PUMP RUNS DRY ('NO' WATER), THEN IT STOPS THE PUMP AUTOMATICALLY. MODELS AVAILABLE FOR 1 AND 3 PHASE OR SUBMERSIBLE PUMPS AND STARTER.

#### RAKSHAK AUTO SWITCH + SINGLE PHASING PREVENTION + REVERSE PHASING PREVENTION + PROTECT AGAINST UNBALANCE VOLTAGES



HYDROFILL-CR

Protects 3-phase motors when any of three phase is absent or phase sequence reverses and also when the voltage across them is not equal or unbalance.

AUTO SWITCH WILL START
THE MOTOR WHENEVER
ELECTRIC SUPPLY RESUMES.

#### DIGILEVEL FULLY AUTOMATIC WATER LEVEL INDICATOR WITH MAGNET SENSOR



Indicates five levels of the tank. Each level can be indicated in percentage or can be re-callibrated in 'liters' or in 'feet'.

MOST USEFUL FOR LARGE TANKS OF TOWNSHIP OR SOCIETY OR MUNICIPAL CORPORATION.....

#### ARE YOU USING WATER PUMP?



#### **HYDROFILL**

#### MAKES YOUR PUMP FULLY AUTOMATIC

Automatic Start & Stop of Water Pump as per upper & lower tank(s) level. Advance Magnet Sensor level sensing technology is used in which there is no possibility of rust, salt deposition or electric shock.

FORGET THAT YOU HAVE A PUMP......

#### **HYDROFILL-CR**

**FULLY AUTOMATIC OPEN WELL (SUBMERSIBLE) PUMP** 

STARTER CONTROL PANEL WITH MAGNET SENSOR BASE WATER LEVEL CONTROLLER long with all the facility of Water

Along with all the facility of Water Level Controller like 'Hydrofill' basic model, it has Fully Automatic Starter Control panel for Open Well type Submersible Pump kept in the Groud level or Under-Groud Tank. Facility to connect Run Capacitor.

Facility to connect Run Capacitor. Protection Against over Load and Short Circuit using 'ISI MCB".



**MAGNET SENSOR** 

**TECHNOLOGY AT** 

UNBELIEVABLE

LOW PRICE.....

#### **AUTOLEVEL**

SEMIAUTOMATIC WATER LEVEL CONTROLLER WITH MAGNET SENSOR

Start the Pump Manually & When Tank gets Full, Pump will Stop......
Automatically....

#### RO AUTO CONTROLLER INDUSTRIAL RO PLANT CONTROLLER

As per the LEVEL of Pure Water, Raw Water & Chemical Dosing Tank(s), it will automatically 'START & STOP' the Feed Pump, High pressure Pump, Dosing Pump and waste SV in its required sequence.



LATEST MAGNET SENSOR BASED LEVEL SENSING.

LONG LIFE WITH
LESS SERVICE
& MAINTENANCE.

#### AUTO RO GOLD INDUSTRIAL RO PLANT CONTROLLER

Along with all the facility of 'RO AUTO CONTROLLER' it also have 1 ph & 3 ph Motor Contector + HP & LP switch connection with operating LOGIC. It indicates every Status, Faults & Logic with it's 24 LED lights.



KING SIZE

LOOK WILL CHANGE
IMPRESSION OF
WHOLE PLANT

**GIANT FRONT PANEL (15 X 6 INCH)** 

#### AQUAFILL WATER LEVEL CONTROLLER FOR 'RO' WATER PURIFIER



Automatically starts the Purifier when water cooler Tank goes empty and stops It when cooler tank is full. So cooler tank is always 'Full' to serve you cold water. This will reduce the pressure On uv lamp and ro membrane. ..... Saves electricity......

IMPROVES LIFE OF UV LAMP & RO MEMBRANE

#### SAFETY + SAVING + COMFORT

#### **FoodPure**

**OZONE BASED VEGETABLE & FRUIT PURIFIER** 



JUST CLEAN VEGETABLE & FRUITS DAILY WITH 'OZONE' & KEEP 'CANCER' AWAY.....

Purifies Food like Fruits & Vegetables by Disinfecting ( killing Bacteria, Virus,

Germs, etc. ) and
Detoxicating
( removing
decomposing
poisonous Germicides,
Pesticides, Chemical
Fertilizer, etc. ) to
Protect from killer
diseases like....
"CANCER"-

#### **REALITY OF TRUE FACT:**

Along with Vegetable & Fruits, we also Eat Germicide, Pesticide, Chemical Fertilizer, Bacteria, Virus, etc. which then INVITES killer DISEASE like 'CANCER'.

## CANCER the KILLER AVOID IT..... SIMPLE & ECONOMIC WAY...

#### V-GUARD HIGH / LOW VOLTAGE CUTOFF WITH DELAY START TIMER & BYPASS SWITCH WITH AUTO RETURN

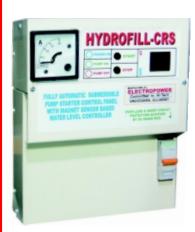


Protects all the electrical and electronic appliances of our house against High & Low voltages by cutting off the mains supply...... Auto Start facility will start the supply when voltage goes normal..... Delay start timer will protect compressor like load against frequent voltage fluctuations... Latest Bypass switch with Auto return facility.....

#### ONLY ONE UNIT FOR WHOLE HOUSE

#### **HYDROFILL-CRS**

**FULLY AUTOMATIC SUBMERSIBLE PUMP STARTER** 



CONTROL PANEL WITH MAGNET SENSOR BASE WATER LEVEL CONTROL

Along with all the facility of Water Level Controller like Hydrofill basic model, it has Fully Automatic Starter Control Panel for Submersible Pump drilled below deep in to the Ground...... Facility to connect the Start + Run Capacitor with Fully Automatic Start to Run Conversion...... Full Protection against Over Load and Short Circuit using 'ISI MCB'..... Facility of Ampere Meter.

#### POWERSAVER REDUCE ELECTRIC BILL SAVE ELECTRICITY



ONE UNIT FOR WHOLE HOUSE

Reduces the power Consumption of house Equipments & hence Reduces the ELECTRIC BILL. Saving is done by Reducing the incoming Voltages, thereby all the equipment of the **House will Consume Less** power. Equipped with most advance CT & PT based electronic Management circuit which continuously analyses when & when not to reduce voltage **HENCE** our Equipments Consumes LESS power & SAVES electricity and our hard earned Money. Life span of our Equipments also Increases because they faces less stress of this reduced voltage.

#### **MANUFACTURED BY:**

ELECTROPOWER BARODA, GUJARAT.

**DISTRIBUTER:** 

**DEALER:**