

# Product Highlights





**Empowering Industries Globally with  
Innovative and Reliable Products**

# About GIC

At General Industrial Controls Pvt. Ltd. (GIC), we specialize in designing and manufacturing a wide range of products for process controls and industrial automation. Since 1974, we have built a strong reputation for innovation, quality, and reliability.

Supported by our advanced R&D centre and manufacturing facility in Pune, India, we ensure precision engineering and adherence to global standards. We are committed to delivering excellence at every stage.

-  State-of-the-Art manufacturing facility
-  Inhouse R&D Infrastructure
-  Presence across 100+ Countries
-  300+ Trained Engineers
-  ISO 9001, 14001 & 45001 and IATF 16949 Certified
-  300+ Sales points in India

## Committed to Excellence

Excellence is the cornerstone of everything we do at GIC, shaping our thoughts, words, and actions.

Embracing a true Design-to-Delivery approach, we manage every step in-house, entirely in India—from design and visualization to production, testing, and delivery. This integrated process empowers us to maintain complete control over quality, innovation, and precision at every stage. By overseeing every element, we consistently exceed expectations, delivering products that embody reliability, performance, and unmatched value. Our commitment to this holistic approach reinforces our position as a leader in industrial automation, creating solutions that set new benchmarks for excellence.



Product Excellence



Brand Recognition



Best User Experience



Advanced Solutions



Continuous Innovation



Superior Quality



Customer Satisfaction

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# Human Machine Interface



HMI



## Hardware Key Features

- 4.3", 7" & 10.1" TFT display options with & without Ethernet model
- Equipped with powerful CPU Cortex-M7, 600MHz
- Built-in RTC (Real Time Clock)
- Higher brightness level up to 440 cd/m<sup>2</sup> for display
- Long backlight life up to 50,000 hours for display
- Resolution (Pixels) : 4.3"(480x272), 7"(800x480), 10.1"(1024x600)
- Memory : RAM (32MB for all models), ROM (32MB for Non Ethernet model & 64MB for Ethernet model)
- Resistive type touch screen
- 2 Serial & 1 Ethernet port supported for programming & communication
- 1 USB Host & 1 SD card slot interface support for data log & application download (Data log support up to 4 GB on external device)
- 1 USB Slave port support for application upload/download
- Operating temperature 0 to 50 °C
- PCB conformal coating protection
- Shock & vibration protection as per IEC standard
- IP65 Protection for front panel
- CE, UKCA, ROHS Certified

## Software Key Features

- Data logging, Alarm management, Recipe management and Trend analysis support.
- Inbuilt picture library with high resolution images, GIF images & object animation support
- Webserver for remotely monitoring/controlling, File Transfer Protocol (FTP) & Network Time Protocol (NTP) support
- Script base programming support & Scheduler Support
- User level management with operation logs support
- Serial Printer connectivity for Real Time data print
- Support various protocols such as Universal ASCII, Modbus RTU/ASCII/TCP and Branded PLC dedicated protocols.
- PC simulation support
- Application download through USB Stick/SD Card
- Programming Software : GIC Studio

## Ordering Information

Cat Id	Description
HM104B-0000	4.3" TFT Display, 24VDC, 2 Serial ports*(1 RS232/RS485, 1 RS422/RS485), 1 USB Slave, 1 USB Host
HM104B-N000	4.3" TFT Display, 24VDC, 2 Serial ports*(1 RS232/RS485, 1 RS422/RS485), 1 USB Slave, 1 USB Host, 1 SD Card Slot, 1 Ethernet
HM107B-0000	7" TFT Display, 24VDC, 2 Serial ports (1 RS232/RS485, 1 RS232/RS422/RS485), 1 USB Slave, 1 USB Host
HM107B-N000	7" TFT Display, 24VDC, 2 Serial ports (1 RS232/RS485, 1 RS232/RS422/RS485), 1 USB Slave, 1 USB Host, 1 SD Card Slot, 1 Ethernet
HM110B-0000	10.1" TFT display, 24VDC, 2 Serial ports (1 RS232/RS485, 1 RS232/RS422/RS485), 1 USB Slave, 1 USB Host
HM110B-N000	10.1" TFT display, 24VDC, 2 Serial ports(1 RS232/RS485, 1 RS232/RS422/RS485), 1 USB Slave, 1 USB Host, 1 SD Card Slot, 1 Ethernet





## Key Features

- Supports up to 60 I/Os (24DI+20DO+8AI+8AO)
- Relay & Transistor Base Modules with LCD & LED display
- Backlit LCD Screen with 6 Line Display
- High Speed I/P up to 5KHz (4 Inputs)
- PWM Output for transistor model up to 2 KHz (4 Outputs)
- Analog input & output(0-20mA/4-20mA /0-10V)
- Analog RTD Input - PT100 & PT1000 Sensor
- 1 Ethernet port: MODBUS TCP/IP Client & Server protocol
- 1 Serial port: RS485 Port for MODBUS Slave communication
- Micro SD Card for Application transfer & Data Logging
- Operating temperature -20 °C to 55 °C
- Ladder & FBD Programming support
- Programming Software: Genie Pro Soft
- CE, REACH, UKCA, ROHS & UL Certified



## Ordering Information

Cat Id	Description
GP230URL	230 VAC/DC Base module with LCD, 8 Digital inputs & 4 Relay outputs
GP230URB	230 VAC/DC Base module with LED, 8 Digital inputs & 4 Relay outputs
GPI24DRL	12-24 VDC Base module with LCD, 8 DI (4 High speed + 4 Analog IPs)& 4 Relay outputs
GPI24DRB	12-24 VDC Base module with LED, 8 DI (4 High speed + 4 Analog IPs)& 4 Relay outputs
GP024URL	24 VAC/DC Base module with LCD, 8 Digital inputs & 4 Relay outputs
GP024URB	24 VAC/DC Base module with LED, 8 Digital inputs & 4 Relay outputs
GP024DTLL / THL	24 VDC, Base module with LCD, 8 DI (4 High speed + 4 Analog IPs)& 4 Transistor OP
GP024DTLB / THB	24 VDC, Base module with LED, 8 DI (4 High speed + 4 Analog IPs)& 4 Transistor OP
GP230UR16E	230 VAC/DC Digital Expansion Module with 8 Input & 8 relay output
GPI24DR16E	12-24 VDC Digital Expansion Module with 8 Input & 8 relay output
GP024UR16E	24 VAC/DC Digital Expansion Module with 8 Input & 8 relay output
GP024DTL16E/TH16E	24 VDC Digital Expansion Module with 8 Input & 8 transistor low side / high side output
GP230UR08E	230 VAC/DC Digital Expansion Module with 4 Input & 4 relay output
GPI24DR08E	12-24 VDC Digital Expansion Module with 4 Input & 4 relay output
GP024UR08E	24 VAC/DC Digital Expansion Module with 4 Input & 4 relay output
GP024DTL08E/TH08E	24 VDC Digital Expansion Module with 4 Input & 4 transistor low side / high side output
GPI24DM20E	12-24 VDC 2 Analog Input Expansion module (0-20mA/4-20mA /0-10V)
GP024DQ02E	24 VDC 2 Analog Output Expansion module (0-20mA/4-20mA /0-10V)
GPI24DH20E	12-24 VDC 2 Analog RTD Input Expansion, PT100 & PT1000 Sensor
GPADCP	Accessories, Genie-PRO RS485 communication module (Polarized)
GPA0CN	Accessories, Genie-PRO RS485 communication module (Non-Polarized)
GPA0MC	Accessories, Genie-PRO Micro SD card Interface



# PL - 100 PLC

## Key Features

- Supports up to 112 IOs (Digital + Analog)
- Relay Base & Transistor Low Side Base modules
- Stacking using FRC cable up to maximum 6 Expansion Modules for digital and analog combination & upto 4 Expansion Modules for analog combination
- Isolated Digital Inputs with sourcing & sinking capability
- Isolated Digital Transistorized Outputs (Low Side and High side driver)
- High Speed Inputs - 4 IPs (10KHz), Single / Quadrature (1x/2x/4x)
- High Speed Outputs- 2 O/Ps (PTO/SPO-25KHz, PWM-5KHz)
- Analog Voltage/Current Inputs and Outputs of 0-10 V / 4-20 mA (12BIT resolution)
- Built-in RTC (Real Time Clock)
- 2 Serial Ports - Standard RS232/RS485 port with RJ11 & 2 wire terminal RS485 port for HMI/SCADA Interface
- Modbus RTU Master / Slave communication protocol support
- Operating temperature 0 to 55 °C
- GSM Alarm modem connectivity
- PC Software for programming, online & offline simulation
- Ladder programming support
- Programming Software: PL-Soft Pro
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
PC10BD16005D1	24VDC Base with 8 Digital I/Ps, 8 Relay Outputs with 2 Com Port
PC10BD14006D1	24VDC Base with 8 Digital I/Ps (4 Normal I/Ps + 4 High Speed I/Ps), 6 Transistor Low side Outputs (4 Normal O/Ps + 2 High Speed O/Ps) with 2 Serial Com Port
<b>Extension Models:</b>	
PC10ED08001N	24VDC Extension with 8 Digital Inputs
PC10ED08002N	24VDC Extension with 8 Relay Inputs
PC10ED16003N	24VDC Extension with 8 Digital Inputs and 8 Relay Outputs
PC10ED08004N	24VDC Extension with 8 Transistor Low side outputs
PC10ED08005N	24VDC Extension with 8 Transistor High Side Outputs
PC10EA04001N	24VDC Extension with 4 Analog Inputs (0-10V / 4-24mA)
PC10EA02002N	24VDC Extension with 2 Analog Outputs (0-10V / 4-20mA)
<b>Accessories:</b>	
PC10AC2	RS232 Communication Cable, PL-100 to HMI/SCADA (DB9 Female to RJ-11)
PC10AC3	RS485 Communication Cable, PL-100 to HMI/SCADA (DB9 Female to RJ-11)
PC10AC4	RS485 Communication Cable, PL-100 to HMI/SCADA (DB9 Male to RJ-11)



## Key Features

- GSM alarm modem is specifically designed to provide GSM features to PL - 100 PLC
- GSM alarm modem enables monitoring of inputs, outputs and controlling of outputs of PL-100 PLC through SMS facility
- The preset and current value related to special function blocks (SFB) that are available in the ladder logic can be monitored
- Analog input and output values can also be effectively monitored and controlled
- Diagnostic information about all the inputs and outputs of devices connected in the system is available for users
- Device and Clock settings can be configured by sending respective queries to the device
- User can integrate Special Function Blocks such as Send and Receive SMS along with others like Timers, Time Switches, Counters, etc. for various applications
- Alert messages can be received from the GSM Alarm Modem depending on the ladder logic
- Power Failure condition can also be effectively reported
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
40B2BBVAA	24 VDC, Module for GSM Alarm Modem with wire type antenna



# Genie - NX PLC



## Key Features

- Supports up to 48 I/Os (32 Digital Inputs & 16 Digital Outputs)
- Relay Base Modules with LCD & LED display
- 250 lines of ladder programming
- 16 soft text messages, Time Switches, Compare Counters, Timers, Counters and 12 Analog functions, 4 Hour Meters
- Backlit LCD Screen for display & modification of pre-selected parameters of functional blocks, viewing I/O status & programming on the device
- PC software for programming, online & offlinesimulation, documentation & printing
- Designed for use in automation for commercial & Industrial sectors
- Multi level password and run time parameter save facility
- DST Feature Available
- Operating temperature -10 °C to 55 °C
- Programming Software: G-Soft NX II
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
G7DDT11	110 - 240, VAC, Base Module, with LCD Display, 8 Digital I/Ps, 4 Relay O/Ps
G7DDT11B	110 - 240, VAC, Base Module, without LCD Display, 8 Digital I/Ps, 4 Relay O/Ps
G8DDT11	12- 24, VDC, Base Module, with LCD Display, 8 Digital I/Ps (2 Analog I/P, 0-10V), 4 Relay O/Ps
G8DDT11B	12- 24, VDC, Base Module, without LCD Display, 8 Dis (2 Analog I/P, 0-10V), 4 Relay O/Ps
G9DDT11	24V AC/DC, Base Module, with LCD Display, 8 Digital I/Ps, 4 Relay O/Ps
G9DDT11B	24V AC/DC, Base Module, without LCD Display, 8 Digital I/Ps, 4 Relay O/Ps
G9ADT11	24V AC/DC, Base Module, with LCD Display, 8 Digital I/Ps[2 Analog I/P 0-10V (for 24 VDC model only)], 4 Relay O/Ps
G9ADT11B	24V AC/DC, Base Module, without LCD Display, 8 Digital I/Ps[2 Analog I/P 0-10V (for 24 VDC model only)], 4 Relay O/Ps
G7DDT10E	110 - 240, VAC, Extension Module, 8 Digital I/Ps, 4 Relay O/Ps
G8DDT10E	12- 24, VDC Extension Module, 8 Digital I/Ps (2 Analog I/P, 0-10V), 4 Relay O/Ps
G9DDT10E	24V AC/DC, Extension Module, 8 Digital I/Ps, 4 Relay O/Ps
G9ADT10E	24V AC/DC, Extension Module, 8 Digital I/Ps[2 Analog I/P 0-10V (for 24 VDC model only)], 4 Relay O/Ps
GFDNN3M	Memory Card Interface for programme transfer
GFDNN1	Programming Cable
G7XDTR4	110 - 240 VAC, RS485 Communication Module
G8XDTR4	12 - 24 VDC, RS485 Communication Module





# Temperature Controller 48X48

## Key Features

- Flush Mounting 48x48 mm
- Lower Depth of 65mm
- Universal Input
- Single and Dual LED Display
- Configurable Output: Relay or SSR Drive
- °C & °F temperature unit selectable
- Ramp & Soak profile with Power Failure resumption mode
- TC with CT input
- RS485 Communication
- Configurable Analog Input & Analog Output
- Multiple device programming with Memory card support
- Rapid Set Point change feature
- Alarm Functionality
- Single/Dual acting PID controllers
- IP 65 (for Front Panel) IP 20 (for Terminals & Enclosure)
- Auto-tuning PID with provision for Soft-Start
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
TCS1T100	3 digit single display, RTD & thermocouple input, 10A SPDT relay or SSR
TCS2T100	3 digit dual display, RTD & thermocouple input, 10A SPDT relay or SSR
TCS4T2A0	4 digit dual display, RTD & thermocouple input, 10A SPST relay or SSR & 5A SPST relay
TCS4T300	4 digit dual display, RTD & thermocouple input, 10A SPDT relay, SSR & 5A SPDT relay
TCS4U4A0	4 digit dual display, RTD, thermocouple & Analog input, 3 relay output 5A SPST, Analog output with CT Input
TCS4U50C	4 digit dual display, RTD, thermocouple & Analog input, 2 relay output 5A SPST, SSR & Analog output with Modbus
TCS4U40C	4 digit dual display, RTD, thermocouple & Analog input, 3 relay output 5A SPST, Analog output with Modbus
TCS4U5A0	4 digit dual display, RTD, thermocouple & Analog input, 2 relay output 5A SPST, SSR & Analog output with CT Input



# Temperature Controller 72X72



## Key Features

- Flush Mounting 72x72 mm
- Lower Depth of 65mm
- Universal Input
- Single and Dual LED Display
- Configurable Output: Relay or SSR Drive
- °C & °F temperature unit selectable
- Multiple device programming with Memory card support
- Rapid Set Point change feature
- Alarm Functionality
- Single/Dual acting PID controllers
- IP 65 (for Front Panel) IP 20 (for Terminals & Enclosure)
- Auto-tuning PID with provision for Soft-Start
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
TCM3T100	4 Digit single display, RTD & Thermocouple input, 10A SPDT Relay or SSR Output
TCM2T100	3 Digit dual display, RTD & Thermocouple input, 10A SPDT Relay or SSR Output
TCM4T600	4 Digit dual display, RTD & Thermocouple input, 10A SPDT Relay, 5A SPDT Relay and SSR Output



# Temperature Controller 96X96

## Key Features

- Flush Mounting 96x96 mm
- Highly Accurate Performance
- Wide supply range:110-240 VAC/DC , -20 to +10% of Un
- Thermocouple (J, K & T), RTD 3-wire (Pt-100) sensor inputs
- Control Modes: Proportional, ON-OFF Asymmetric, ON-OFF Symmetric
- IP 40 (for Front Panel) IP 20 (for Terminals & Enclosure)
- Control Output: Relay and SSR Drive
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
151M42B	Relay Output (SPDT 10A) & SSR driving output (12 VDC, 24mA max), One Relay Output (SPDT 5A)
151N42B	Relay Output (SPDT 10A) & SSR driving output(12 VDC, 24mA max)



# Temperature Controller 96X96

## Key Features



- Flush Mounting Version 96x96 mm
- Universal Input
- Configurable Output combination
- Configurable: Band, Deviation, Sensor break & Loop break alarms
- Single/Dual acting PID controllers
- Analog Voltage/Current Inputs (0-5V, 1-5V, 0-10V / 4-20mA) & Outputs (0-10V / 4-20mA)
- Auto-tuning PID with provision for Soft-Start
- Ramp & Soak profile with Power Failure resumption modes
- Rapid Set Point change feature
- RS485 Communication
- Bump less Auto-Manual transfer
- IP 40 (for Front Panel) IP 20 (for Terminals & Enclosure)
- Timer functionality with settable time from 1 min to 9999 min
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
<b>Single Acting PID Controller</b>	
151F42B	2 Relays (SPST 5A each), SSR driving output (12VDC, 24mA)
151G42B	1 Relay (SPST 5A), Analog output (0-10V, 4-20mA), SSR driving output (12VDC, 24mA)
151H42B	2 Relays (SPST 5A each), Analog output (0-10V, 4-20mA)
151J42B	3 Relays (SPST 5A each)
151K42B	1 Relay (1 C/O 10A), SSR driving output (12VDC, 24mA)
151L42B	2 Relays (1 C/O 10A & SPST 5A), SSR driving output (12VDC, 24mA)
<b>Dual Acting PID Controller</b>	
151F43B	2 Relays (SPST 5A each), SSR (12VDC, 24mA)
151G43B	1 Relay (SPST 5A), Analog output (0-10V, 4-20mA), SSR (12VDC, 24mA)
151H43B	2 Relays (SPST 5A each), Analog output (0-10V, 4-20mA)
151J43B	3 Relays (SPST 5A each)
151F43B1	2 Relays (SPST 5A each), SSR (12VDC, 24mA) with RS485
151G43B1	1 Relay (SPST 5A), Analog output (0-10V, 4-20mA), SSR (12VDC, 24mA) with RS485
151H43B1	2 Relays (SPST 5A each), Analog output (0-10V, 4-20mA) with RS485
151J43B1	3 Relays (SPST 5A each) with Rs485





## Key Features

- Excellent Load & Line Regulation
- High Noise Immunity & Low Ripple
- No Load Power Consumption of less than 0.5W
- Overload & Short Circuit Protection
- High Efficiency of Operation
- Wide operating temperature -10°C to 55°C
- Small Form Factor
- Peak Power Capacity
- Compact Design with DIN mounting
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
24AS244D6D	96W, 230 VAC, 24 VDC / 4A, Switched Mode Power Supply (6M Size)
24AS126D6D	72W, 230 VAC, 12 VDC / 6A, Switched Mode Power Supply (6M Size)
24BS24AD4E	60W, 100 - 240 VAC, 24 VDC / 2.5A, Switched Mode Power Supply (4M Size)
24BS241D2F	24W, 100 - 240 VAC, 24 VDC / 1A, Switched Mode Power Supply (2M Size)
24BS24BD1F	12W, 100 - 240 VAC, 24 VDC / 0.5A, Switched Mode Power Supply (1M Size)
24BS121D2F	12W, 100 - 240 VAC, 12 VDC / 1.0A, Switched Mode Power Supply (2M Size)
24BS101D2F	10W, 100 - 240 VAC, 10 VDC / 1.0A, Switched Mode Power Supply (2M Size)
24BS051D1F	5W, 100 - 240 VAC, 5 VDC / 1.0A, Switched Mode Power Supply (1M Size)



## SMPS – Panel Mount



100 W



150 W

### Key Features

- Excellent Load & Line Regulation
- Universal input voltage range
- Adjustable output voltage
- High Noise Immunity & Low Ripple
- Overload, Overvoltage, Short Circuit & Over Temperature Protection
- High MTBF > 700,000 hrs
- High Efficiency of Operation
- Wide operating temperature - 30°C to 70°C
- Small Form Factor
- Peak Power Capacity
- Compact Design with DIN / Panel mount
- CE, UKCA, ROHS Certified

### Ordering Information

Cat Id	Description
PS150W24V	150W, 85 - 132 VAC/170 - 264 VAC, 24 VDC/ 6.25A, Terminal Block Facing Upward
PS150W24VF	150W, 85 - 132 VAC/170 - 264 VAC, 24 VDC/ 6.25A, Terminal Block Facing Forward
PS100W24V	100W, 90 - 264 VAC/130 - 373 VDC, 24 VDC/ 4.5A, Terminal Block Facing Upward
PS100W24VF	100W, 90 - 264 VAC/130 - 373 VDC, 24 VDC/ 4.5A, Terminal Block Facing Forward
<b>Accessories</b>	
L15024	Mounting Bracket for SMPS
L10024	Mounting Bracket for SMPS
<b>Coming Soon</b>	
PS150W12V	150W, 85 - 132 VAC/170 - 264 VAC, 12 VDC/ 12.5A, Terminal Block Facing Upward
PS100W12V	100W, 85 - 132 VAC/170 - 264 VAC, 12 VDC/ 8.33A, Terminal Block Facing Upward



# SMPS – DIN Mount

## Key Features

- Excellent Load & Line Regulation
- Universal input voltage range
- Adjustable output voltage
- High Noise Immunity & Low Ripple
- Overload, Over voltage, Short Circuit & Over Temperature Protection
- High MTBF > 700,000 hrs
- High Efficiency of Operation
- Wide operating temperature - 30°C to 70°C
- Small form factor
- Peak Power Capacity
- Compact Design with DIN mount
- CE, UKCA, ROHS Certified



## Ordering Information

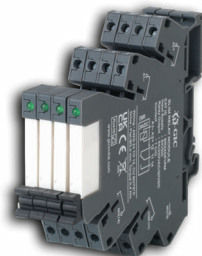
Cat Id	Description
PS120W24V	120W, 90V - 264 VAC/127V - 375 VDC, 24 VDC, 5A, Switched Mode Power Supply
PS240W24V	240W, 90V - 264 VAC/127V - 375 VDC, 24 VDC, 10A, Switched Mode Power Supply
<b>Coming Soon</b>	
PS120W12V	120W, 90V -264VAC / 127V- 375 VDC, 12 VDC, 10A, Switched Mode Power Supply

# Slim Relays



Slim Relay

## Key Features



### 1 Change over

- Compact 6.2 mm slim design
- Variety of Operating voltages (24VDC, 24VAC/DC, 120VAC/DC, 230VAC, 230VAC/DC)
- Output Relay: 1 C/O for high switching current up to 6A at 250VAC
- All sockets with LED for relay status
- Shorting Link, Marker & end clamp available as accessories



### 2 Change over

- Compact 14 mm slim design
- Variety of Operating voltages (12VAC/DC, 24VAC/DC, 120VAC/DC, 230VAC/DC)
- Output Relay: 2 C/O for high switching current up to 8A at 230VAC
- All sockets with LED for relay status
- Shorting Link, Marker & end clamp available as accessories
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
<b>1 Change over</b>	
SR24D61RM	Slim Relay Module with Plugin Relay 24VDC, 1 C/O DIN Mount <sup>1</sup>
SR24U61RM	Slim Relay Module with Plugin Relay 24VAC/DC, 1 C/O DIN Mount <sup>1</sup>
SR120U61RM	Slim Relay Module with Plugin Relay 120VAC/DC, 1 C/O DIN Mount <sup>1</sup>
SR230A61RM	Slim Relay Module with Plugin Relay 230VAC, 1 C/O DIN Mount <sup>1</sup>
SR230U61RM	Slim Relay Module with Plugin Relay 230VAC/DC, 1C/O DIN Mount <sup>1</sup>
<b>2 Change over</b>	
SR12U82RM	Slim Relay Module with Plugin Relay 12VAC/DC, 2 C/O DIN Mount <sup>1</sup>
SR24U82RM	Slim Relay Module with Plugin Relay 24VAC/DC, 2 C/O DIN Mount <sup>1</sup>
SR120U82RM	Slim Relay Module with Plugin Relay 120VAC/DC, 2 C/O DIN Mount <sup>1</sup>
SR230U82RM	Slim Relay Module with Plugin Relay 230VAC/DC, 2 C/O DIN Mount <sup>1</sup>
<b>Accessories</b>	
SRAL2	2 - Pole, Shortening Link <sup>3</sup>
SRAL3	3 - Pole, Shortening Link <sup>2</sup>
SRAL4	4 - Pole, Shortening Link <sup>2</sup>
SRAL8	8 - Pole, Shortening Link <sup>1</sup>
SRAMB	Marker Blank <sup>3</sup>
SRAEC	End clamp for DIN32/35 <sup>2</sup>

Note: 1-pack of 10nos 2-Pack of 50nos 3-Pack of 100nos



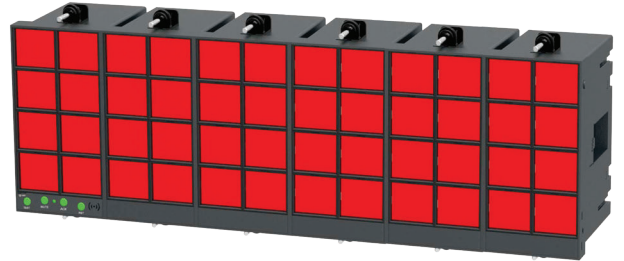


## Alarm Annunciator

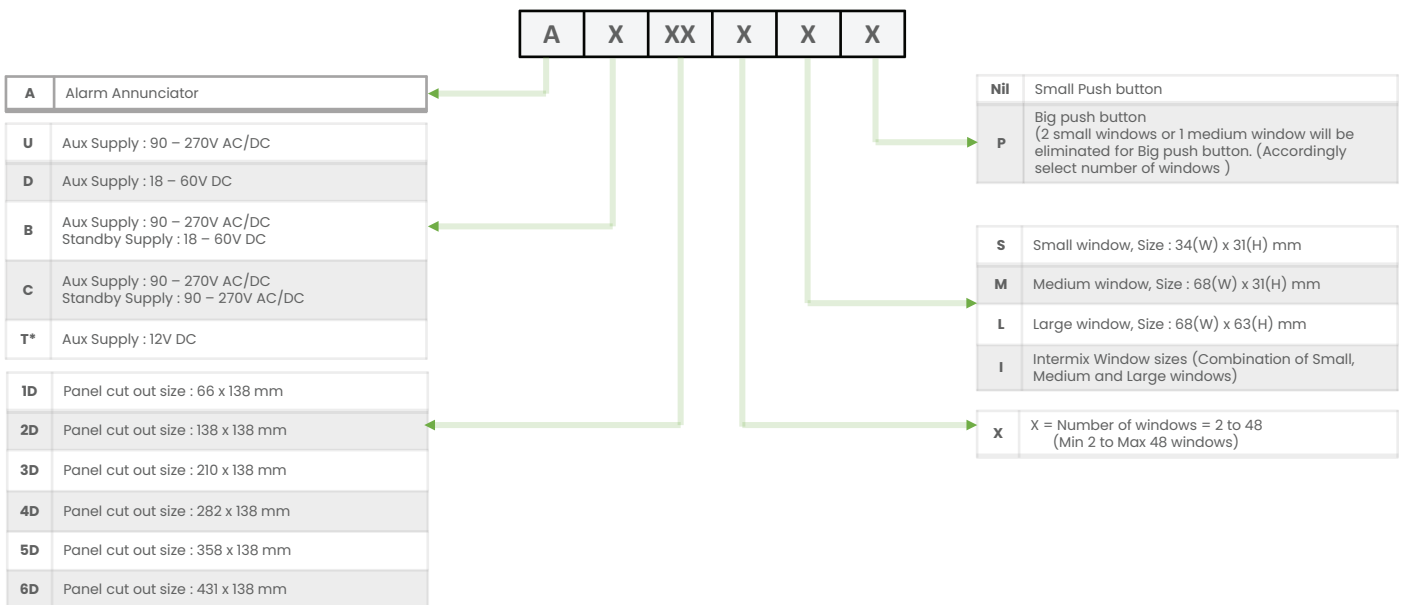
# Alarm Annunciators

## Key Features

- Standard models available from 2 to 48 windows
- Choice of 3 window sizes and 6 different window colours
- Optically isolated fault inputs with wide fault input voltage range (12 – 240V AC/DC +/-10%)
- AC-DC Fail Annunciation with universal supply range of 90 to 270V AC/DC
- Field selection for NO / NC fault input contacts, grouping of alarms, window size configuration
- Space saving due to lower depth of only 100mm
- Integral push buttons for Test, Acknowledge, Mute and Reset operations with remote terminals
- Four SPDT relay outputs (2 for grouping {Trip/ Non Trip}, 1 for external hooter, 1 for ring back sequence or Supervisory)
- 6 Field selectable operation sequences as per ISA standard
- Integral buzzer for audible alarm output of 90dB
- Communication interface with RS485 Modbus RTU protocol
- Replaceable LEDs, Fast Scan, Manned /Unmanned, Supervisory Relay & Supply fail annunciation available
- CE, UKCA, ROHS Certified



## Ordering Code



### NOTE :

1. AU & AD series annunciator available with potential fault input (12 – 265V AC/DC) + 100msec scan time + RS485 + 4 relay output
2. AB & AC series annunciator available with potential free fault input + 40msec scan time + RS485 + 4 relay output
3. AT series annunciator available in 1D size only w/o RS485 + 2 relay O/P
4. Basic version available in AU and AD series only with potential free fault input + 3 relay O/P and w/o RS485. Suffix B to ordering code for Basic Annunciator.



## Ordering Information

Cat Id	Size	Windows	Window Size	Keys
AUID8S	1D	8	Small	Small
AUID6SP	1D	6	Small	Big
AD1D8S	1D	8	Small	Small
AD1D6SP	1D	6	Small	Big
AB1D8S	1D	8	Small	Small
AB1D6SP	1D	6	Small	Big
AC1D8S	1D	8	Small	Small
AC1D6SP	1D	6	Small	Big
AT1D8S	1D	8	Small	Small
AT1D6SP	1D	6	Small	Big
AU2D16S	2D	16	Small	Small
AU2D14SP	2D	14	Small	Big
AD2D16S	2D	16	Small	Small
AD2D14SP	2D	14	Small	Big
AB2D16S	2D	16	Small	Small
AB2D14SP	2D	14	Small	Big
AC2D16S	2D	16	Small	Small
AC2D14SP	2D	14	Small	Big
AU3D24S	3D	24	Small	Small
AU3D22SP	3D	22	Small	Big
AD3D24S	3D	24	Small	Small
AD3D22SP	3D	22	Small	Big
AB3D24S	3D	24	Small	Small
AB3D22SP	3D	22	Small	Big
AC3D24S	3D	24	Small	Small
AC3D22SP	3D	22	Small	Big
AU4D32S	4D	32	Small	Small
AU4D30SP	4D	30	Small	Big
AD4D32S	4D	32	Small	Small
AD4D30SP	4D	30	Small	Big
AB4D32S	4D	32	Small	Small
AB4D30SP	4D	30	Small	Big
AC4D32S	4D	32	Small	Small
AC4D30SP	4D	30	Small	Big

NOTE: Available upto 6D size with maximum 48 windows



## Key Features

- Serial protocol support for Modbus (RTU and ASCII) Master/Slave
- Network protocol support for Modbus TCP (Server/Client)
- Supports Raw Serial to Ethernet conversion with Telnet RFC2217
- Serial Interface support for RS232, RS422 and RS485 network
- Configurable using Embedded Web server and Application software
- Network Protocols: ARP, TCP/IP, HTTP, BOOTP, TFTP, ICMP, TELNET, DHCP, AutoIP, UPnP
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
25A11A0	12 - 24 VDC, Protocol Converter, Modbus TCP - Modbus RTU/ASCII
25B11A0	12 - 24 VDC, Serial to Ethernet Converter



# Interface Converters

## Key Features



### USB to RS232 / RS485 / RS422 Converter

- Input: USB 2.0 Protocol
- Output: RS232 on DB9 Male connector compatible to PC  
RS485/RS422 on terminal block
- Communication Speed : 300bps to 230Kbps
- Galvanic Isolation of 1.5kV
- RS232/RS485 line protection: +/- 15kV ESD.
- LED Indication for Transmit Receive signals.
- Input power from USB port, no external power required.
- Virtual COM port USB Drivers provided for Windows 10 and 11
- CE, UKCA, ROHS Certified



### RS232 to RS485 / RS422 Converter

- Isolated RS485/RS422 on terminal block
- RS232 with DB9 Female connector
- Auto direction control for RS485-2W transmission
- Galvanic Isolation of 1500V for RS485/RS422
- Supports Baud rate up to 230Kbps
- Internal 1.5 kV ESD protection both RS232 & RS485/RS422
- LED Indication for Transmit, Receive signal communication traffic
- Input power supply range 9 to 26.4 VDC
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
<b>USB to RS232 / RS485 / RS422 Converter</b>	
28A11A0	USB to RS232 / RS485 / RS422 Converter
28G11A0	USB to RS485 Converter
28D33B0	Accessory for Converter 28A11A0, USB 2.0 Cable, Type A Male to B Male
28NNN10	Accessory for Converter 28A11A0, Software CD for Windows 10 & 11
<b>RS232 to RS485 / RS422 Converter</b>	
28B21A0	RS232 to RS485/RS422 Converter
28E34B0	Accessory for Converter 28B21A0, Cable, DB9 Female to DB9 Male



# Signal Transducer

## Key Features

- Input / Output configuration selected via DIP switch combinations
- Choice of multiple analog input-output configurations
- Provides 3-way galvanic isolation of 3.75kV
- Fast output Response Time (<100ms)
- Sleek 22.5mm wide
- Operating Temperature 10°C to +55°C
- Reverse Polarity for input supply & signal
- Flame Retardant Enclosure
- Degree of Protection - IP 20 for Terminals, IP 40 for Enclosure
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
2SC3D11CC3	24 VDC, 1 Input & 1 Output, Voltage & Current, 3 Port Isolation, Base / DIN, Input Signal: 0-10 VDC, 2-10 VDC, 0-20 mA, 4-20 mA
2SC3D11DC3	24 VDC, 1 Input & 1 Output, Voltage & Current, 3 Port Isolation, Base / DIN, Input Signal: 0-5 VDC, 1-5 VDC, 0-20 mA, 4-20 mA
2SC3D11EC3	24 VDC, 1 Input & 1 Output, Voltage & Current, 3 Port Isolation, Base / DIN, Input Signal: 0-10 VDC, 2-10 VDC, 0-10 mA, 2-10 mA



Monitoring Device

# Voltage Monitoring Relay SM 800



## Key Features

- LCD Display with Green backlight
- Multi-Voltage – 3 Phase 4 Wire & 3 Phase 3 Wire @ 145-500 VAC
- Protection against Phase loss, Phase Sequence, Phase Asymmetry, Under Voltage, Over Voltage, Neutral Open, Over Frequency & Under Frequency
- Can be configured for 3 Phase 3 Wire or 3 Phase 4 Wire system
- Selectable Over Voltage / Under Voltage, Asymmetry, Phase Loss, Phase Sequence, Over Frequency / Under Frequency
- Adjustable ON/OFF Time Delay in seconds/minutes
- 5A Single and Dual relay output
- Two Separate Relay outputs with independent Programming
- Passwords protection
- Log of 5 previous faults for better monitoring
- Fail Safe/Non-Fail Safe relay output
- Latch (Manual) and Non-Latch (Auto) Modes
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
DMS110	145-500 VAC, Digital Voltage Monitoring Relay, 1C/O
DMS120	145-500 VAC, Digital Voltage Monitoring Relay, 1C/O + 1C/O
DMA220	85-500 VAC, Digital Voltage Monitoring Relay with Auxiliary supply 85-300 VAC/DC, 1C/O + 1C/O





# Voltage Monitoring Relay SM 175

## Key Features

- Compact 17.5 mm wide
- Multi Voltage 3 Phase 3 Wire at 208–480 VAC or 3 Phase 4 Wire at 120–277 VAC
- Can be configured for 3 Phase 3 Wire or 3 Phase 4 wire system
- Protection against Phase Loss, Phase Sequence, Phase Asymmetry, Under Voltage and Over Voltage
- 1 C/O configuration
- Selectable Under Voltage/Over Voltage, Asymmetry and Phase Sequence
- LED indication for all faults and for change in dip Switch settings during runtime for better security
- Adjustable ON/OFF time delay in seconds/minutes
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
MAG03D0424	208–480 VAC, UV/OV, Phase Loss, Phase Sequence, Phase Asymmetry Monitoring, 1 C/O
MAG03D0425	415V AC (3P, 3W) /240 VAC (3P, 4W), UV/OV, Phase Loss, Selectable Phase Sequence, Phase Asymmetry, 1 C/O
MAG03D0426	415V AC (3P, 3W) /240 VAC (3P, 4W), UV/OV, Selectable Phase Sequence & Phase Asymmetry, ON Delay and OFF Delay (in sec/min), 1 C/O
MAG03D0427	208–480 VAC (3P, 3W), Phase Loss Monitoring, 1 C/O
MAG03D0428	208–480 VAC (3P, 3W), Phase Loss, Phase Sequence, 1 C/O



Monitoring Device

# Voltage Monitoring Relay SM 175



## Key Features

- Compact 17.5 mm wide
- Multi Voltage - 3 Phase 3 Wire at 208-480 VAC
- Protection against Phase Loss, Phase Reversal, Phase Asymmetry, Under voltage & Over voltage
- 1 C/O configuration
- Selectable Under Voltage/Over Voltage & Asymmetry
- LED indication for all faults and for change in settings during runtime for better security
- Adjustable Time Delay
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
MN21D5	208-480 VAC Phase Loss Monitoring, 1 C/O
MK21D5	208-480 VAC, Phase Loss, Phase Sequence Monitoring, 1 C/O
MC21D5	208-480 VAC, Phase Loss, Phase Sequence, Phase Asymmetry Monitoring (30% Fixed), 1 C/O
MA21DN	208-480 VAC, Phase Loss, Phase Sequence, Phase Asymmetry Monitoring (5% to 15% Variable), 1 C/O
MOFID51	208-480 VAC, Phase Loss, Phase Asymmetry Monitoring (10% Fixed), with trip time < 65 ms, 1 C/O
MD21DF	208 - 480 VAC, UV / OV, Phase Loss & Sequence with Selectable OFF Delay, 1 C/O
MG21DH	208 - 480 VAC, UV / OV & SPP with Selectable ON Delay, 1 C/O
MG21DF	208 - 480 VAC, UV / OV & SPP with Selectable OFF Delay, 1 C/O
MGD1DR	208 - 480 VAC, UV / OV & SPP with Selectable ON Delay & OFF Delay, 1 C/O
MAE03D0200	240 VAC/DC, UV / OV with Selectable ON & OFF Delay, 1 C/O
MAE03D0201	240 VAC/DC, Fix UV/OV, Fix ON & OFF Delay, 1 C/O
MAE03D0202	115 VAC/DC, UV/OV with Selectable ON & OFF Delay, 1 C/O
MAE03D0203	115 VAC/DC, Fix UV/OV, Fix ON & OFF Delay, 1 C/O
MF41B0	230 VAC, Single Phase Under Voltage Relay, 1 C/O
MF51B0	400 VAC, 3 Phase Under Voltage Relay, 1 C/O



# Voltage Monitoring Relay SM 301

## Key Features

- Protects against Phase Loss, Phase Reversal & Phase Asymmetry
- No Auxiliary Supply needed
- Voltage Sensing principle
- 1 C/O & 2 C/O configuration
- Designed to meet Industrial and Agricultural segment applications



## Ordering Information

Cat Id	Description
MA51BC	415 VAC, Single Phasing Preventor with 65 VAC Asymmetry, 1 C/O
MA51BK	415 VAC, Single Phasing Preventor with 40 VAC Asymmetry, 1 C/O
MC21B5	415 VAC, Single Phasing Preventor with 65 VAC Asymmetry, 2 C/O
MA59B5	415 VAC, Phase Loss Monitoring with Non-Fail Safe Type, 1 C/O



# Voltage Monitoring Relay SM 500

## Key Features

- True RMS Measurement
- Can be configured for 3 Phase 4 Wire or 1 Phase system
- Selectable Over Voltage/Under Voltage Trip level
- Selectable Time Delay
- LED Indications for Power and Fault conditions
- Protects against UV/OV, Phase Loss, Phase Reversal, Phase Asymmetry & Neutral Loss
- 1 C/O or 2 C/O configuration
- CE, UKCA, ROHS Certified



Phase Monitoring Relay



Neutral Monitoring Relay

## Ordering Information

Cat Id	Description
MD71BH	240 VAC, UV/OV with Selectable ON Delay (0.5 sec to 15 sec), 1 C/O
MD71BF	240 VAC, UV/OV with Selectable OFF Delay (0.5 sec to 15 sec), 1 C/O
MD71B9	240 VAC, UV/OV with Selectable ON Delay (0.5 sec to 15 min), 1 C/O
MG73B9	240 VAC, UV/OV & Single Phasing Preventor (SPP) with Selectable ON Delay (0.5 sec to 15 min), 2 C/O
MG73BQ	120-240 VAC Selectable, UV/Selectable OV & SPP with Selectable OFF Delay (0.5 sec to 15 sec), 2 C/O
MG73BR	240 VAC, Fixed UV / OV & SPP, 20% Asymmetry with Fixed ON (10 sec) & OFF (5 sec) Delay, 2 C/O
MGH3BH	220 VAC, UV / OV & SPP with Selectable ON Delay (0.5 to 15 sec), 2 C/O
MGH3BF	220 VAC, UV / OV & SPP with Selectable OFF Delay (0.5 to 15 sec), 2 C/O
MGI3BF	230 VAC, UV / OV & SPP with Selectable OFF Delay (0.5 to 15 sec), 2 C/O

### Neutral Monitoring Relay

MAC04D0100	415 VAC, Neutral Loss Protection with Phase and Voltage Control, 2 C/O
MAC04D0119	380 VAC, Neutral Loss Protection with Phase and Voltage Control, 2 C/O
MAC04D0121	415 VAC, Neutral Loss Protection with Phase and Voltage Control, Phase reverse disable, 2 C/O
MAC04D0123	Selectable reference voltage (220-480 VAC), Neutral Loss Protection with Phase and Voltage Control, 2 C/O



# Voltage Monitoring Relay SM 501

## Key Features

- Protects against Phase Loss, Phase Reversal and Phase Asymmetry
- Suitable for 3 Phase 3 Wire system
- Selectable Under Voltage / Over Voltage Trip level
- Selectable Time Delay
- LED Indications for Power and Fault conditions
- Voltage Sensing Principle
- 2 C/O Configuration
- Models for Selectable Phase Asymmetry
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
MG53BH	415 VAC, UV/OV and SPP with Selectable ON Delay (0.5 to 15 sec), 2 C/O
MG53BF	415 VAC, UV/OV and SPP with Selectable OFF Delay (0.5 to 15 sec), 2 C/O
MG53BT	415 VAC, UV/OV and SPP with Selectable OFF Delay (0 to 5 sec), 2 C/O
MG53BI	415 VAC, UV/OV and SPP with 65 V Asymmetry, 2 C/O
MG53BO	415 VAC, UV/OV and SPP with 3 min ON Delay and 5s OFF Delay, 2 C/O
MB53BM	415 VAC, UV/OV (110% Fixed) and SPP with Selectable Asymmetry (5% to 17%), 2 C/O
MG53BQ	415 VAC, UV/OV and SPP with 30 V Asymmetry, 3 sec ON Delay, 2 C/O
MG63BH	220 VAC, UV/OV and SPP with Selectable ON Delay (0.5 to 15 sec), 2 C/O
MG63BF	220 VAC, UV/OV and SPP with Selectable OFF Delay (0.5 to 15 sec), 2 C/O



# Voltage Monitoring Relay SM 600



## Key Features

- True RMS Measurement
- Wide supply monitoring ranges from 500V – 1000V AC
- Monitors own supply and detects fault conditions on one or more phases
- Protection against phase loss, phase sequence, phase asymmetry, under voltage (UV), over voltage (OV) and 3 phase interruption
- Adjustable UV, OV and Phase Asymmetry trip settings through potentiometer
- LED indication for supply and fault status
- Selectable ON or OFF delay through DIP switch & adjustable delay time settings through potentiometer
- Two SPDT relay outputs which can be configured separately for UV and OV fault through DIP switch
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
SMB110	500-1000V AC, Measuring and Monitoring Relay, 1 C/O + 1 C/O





# Insulation Monitoring Relay

## Key Features

- Monitors insulation resistance of unearthed IT Systems in compliance with IEC 61557-8, EN 50155, IEC 61373 and EN 45545 HL-2/3
- Wide auxiliary supply voltage range 24V – 240V AC/DC
- Monitor system voltage from 0 - 520V AC
- Adjustable trip resistance value from 1K to 100Kohm
- 2 Relay outputs (1C/O + 1NO) for fail safe and non fail safe operation
- Test / Reset function with Manual and remote facility
- Configurable Auto / Manual Reset
- LED indication for insulation fault , Power and Relay output
- DIN Rail / Base Mounting
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
IMR122	Insulation Control, Rated Voltage 0-520 VAC System with 2 output (1C/O + 1NO), Control Voltage 24-240VAC/DC



# Earth Leakage Relay | CBCT



Earth Leakage Relay



CBCT

## Key Features

- Flush Mounting Version 96×96 mm with Digital Seven Segment Display
- Monitors, Detects and Protects Power systems from Earth Leakage Fault (Type 'A' & 'AC')
- Wide range of selectable Earth Leakage Current: 30 mA - 30 A
- Configurable Earth Leakage Trip time: 0 - 10 s
- Wide Auxiliary Supply Range: 110 - 240 VAC / DC & 220 - 450 VAC / 220 VDC
- Nano Crystalline CBCT measures the leakage current to the highest accuracy
- RS485 Communication
- Instantaneous Trip for 5 times of set value of Leakage current
- Test feature to check complete product functionality
- LED Indication for Relay Status, Earth Leakage Fault & Alarm Condition
- Manual / Remote Reset feature
- Continuous Scrolling display for Set Current and Set time
- 1 C/O (Alarm Relay) + 1 C/O (Fault Relay)
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
17K716QF4N	110-240 VAC / DC, Current Range 30 mA - 30 A, 2 C/O
17K716QF4M	110-240 VAC / DC, Current Range 30 mA - 30 A, 2 C/O with RS485
17K726QF4N	220-415 VAC / 220 VDC, Current Range 30 mA - 30 A, 2 C/O
17K726QF4M	220-415 VAC / 220 VDC, Current Range 30 mA - 30 A, 2 C/O with RS485
17H7NNHN3	CBCT 38 mm, Type A & AC Current
17H7NNIN3	CBCT 57 mm, Type A & AC Current
17H7NNQN3	CBCT 70 mm, Type A & AC Current
17H7NNJN3	CBCT 92 mm, Type A & AC Current
17H7NNLN3	CBCT 120 mm, Type A & AC Current
17H7NNKN3	CBCT 210 mm, Type A & AC Current
17H7NNRN3	CBCT 38 mm, Type AC Current
17H7NNVN3	CBCT 57 mm, Type AC Current
17H7NNSN3	CBCT 70 mm, Type AC Current
17H7NNTN3	CBCT 92 mm, Type AC Current
17H7NNUN3	CBCT 120 mm, Type AC Current
17H7NNWN3	CBCT 322 mm, Type AC Current
17H9NNWN0	Rectangular CBCT 300X50 mm, Type AC Current
17H9NNXN0	Rectangular CBCT 350X150 mm, Type AC Current



# Earth Leakage Relay

## Key Features

- Monitors, Detects and Protects Power systems from Earth Leakage Faults
- Wide range of selectable Earth Leakage Current: 30 mA - 30 A
- Configurable Earth Leakage Trip time: 0 - 10s
- 2 C/O Configuration
- Available in DIN mount/ Base mount
- Available in external & integral CBCT
- LED Bar graph for Leakage Current indication
- Wide Auxiliary Supply Range: 110 - 240 V AC / DC, 220 - 415 V AC / 220 V DC
- CE, UKCA, ROHS Certified



Earth Leakage Relay



Integral Earth Leakage Relay

## Ordering Information

Cat Id	Description
17G715GF2	110-240 VAC / DC, Current Range 30 mA - 30 A, 1 C/O + 1 NO, Manual Reset
17G715KF2	10-240 VAC / DC, Current Range 30 mA - 30 A, 1 C/O + 1 NO, Auto Reset
17G745GF2	220-415 VAC / 220 VDC, Current Range 30 mA - 30 A, 1 C/O + 1 NO, Manual Reset
17G745KF2	220-415 VAC / 220 VDC, Current Range 30 mA - 30 A, 1 C/O + 1 NO, Auto Reset
17G755GF2	15 VDC, Current Range 30 mA - 30 A, 1 C/O + 1 NO, Manual Reset
17G755KF2	15 VDC, Current Range 30 mA - 30 A, 1 C/O + 1 NO, Auto Reset
17G815GF2	110-240 VAC / DC, Current Range 30 mA - 10 A, 1 C/O + 1 NO, Manual Reset
17G815KF2	110-240 VAC / DC, Current Range 30 mA - 10 A, 1 C/O + 1 NO, Auto Reset
17G845GF2	220-415 VAC / 220 VDC, Current Range 30 mA - 10 A, 1 C/O + 1 NO, Manual Reset
17G845KF2	220-415 VAC / 220 VDC, Current Range 30 mA - 10 A, 1 C/O + 1 NO, Auto Reset
<b>Integral Earth Leakage Relay</b>	
ELR3A2030	Integral Earth Leakage Relay, 35mm CBCT, 240VAC(±15%), 50/60Hz, Fix 30mA
ELR3A2100	Integral Earth Leakage Relay, 35mm CBCT, 240VAC(±15%), 50/60Hz, Fix 100mA
ELR3A2300	Integral Earth Leakage Relay, 35mm CBCT, 240VAC(±15%), 50/60Hz, Fix 300mA



# Liquid Level Monitoring

## Key Features

- Fully Automatic operation enabling both draining and filling simultaneously with a single device
- Adjustable sensitivity level from 1k to 200k Ohm
- Includes provision for Manual start
- Protects pumps against dry running and prevents overfilling
- Enables maximum utilization of incoming liquid (eg. water) supply
- Specially designed corrosion and shock resistant sensors to ensure trouble free operation
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
4411AD1	110 VAC, 1 C/O, 1K to 200K Sensitivity, Draining & Filling
4421AD1	240 VAC, 1 C/O, 1K to 200K Sensitivity, Draining & Filling
4431AD1	415 VAC, 1 C/O, 1K to 200K Sensitivity, Draining & Filling
44S0003	Accessories, Set of 3 Stainless Steel Sensors, -10° C to +65° C
44S0006	Accessories, Set of 6 Stainless Steel Sensors, -10° C to +65° C
44S0013	Accessories, Set of 3 Stainless Steel Sensors, -20° C to +165° C
44S0016	Accessories, Set of 6 Stainless Steel Sensors, -20° C to +165° C



# Current Monitoring Relay

## Key Features

- Protects against Overload, Phase Reverse, Phase Loss and Phase Unbalance faults
- Wide range of Sensing Current: 1A-45A
- Models for 1 Phase and 3 Phase systems
- Auto/Manual reset selection
- Fail-Safe protection
- Inverse time model with Under Load, Locked Rotor Protection and Selectable Trip Class
- Definite time model with Under Load and Selectable Start and Trip time
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Trip Type	Current	Auto Reset Time
<b>1 Phase CMR</b>			
17C112EB0	Inverse	3A – 9A	As per trip class
17C212EB0	Inverse	8A – 24A	As per trip class
17C312EB0	Inverse	15A – 45A	As per trip class
17C412EB0	Inverse	2A – 5A	As per trip class
17D112DA0	Definite	3A – 9A	6 min
17D212DA0	Definite	8A – 24A	6 min
17D312DA0	Definite	15A – 45A	6 min
17D412DA0	Definite	2A – 5A	6 min
<b>3 Phase CMR</b>			
17A122CB0	Inverse	3A – 9A	As per trip class
17A222CB0	Inverse	8A – 24A	As per trip class
17A322CB0	Inverse	15A – 45A	As per trip class
17D422CB0	Inverse	2A – 5A	As per trip class
17B122AA0	Definite	3A – 9A	6 min
17B222AA0	Definite	8A – 24A	6 min
17B322DA0	Definite	15A – 45A	6 min
17B422DA0	Definite	2A – 5A	6 min
17B122PA0	Definite	3A – 9A	NA
17B222PA0	Definite	8A – 24A	NA
17B322PA0	Definite	15A – 45A	NA
17B822MM0	Definite	0.5A – 3A	As per trip class
17B922MM0	Definite	0.2A – 1.4A	As per trip class



# PTC Thermistor Relay



PTC Thermistor Relay



PTC Thermistor Relay with SPP

## Key Features

- Monitors and Protects Motors with Integrated PTC Resistor sensors
- Protection against Over heating for Heavy Duty Load, High Switching Frequency, High operating temperature & Insufficient cooling conditions
- Wide Auxiliary Supply Voltage: 24 VAC/DC, 110 - 240 VAC & 220 - 415 VAC
- LED Indications for Healthy, Unhealthy, Sensor Open/Short conditions
- 1 C/O & 2 C/O Configuration
- Reset Options: Auto, Manual and Remote
- Protection against phase loss, phase sequence & phase asymmetry in selected model
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
<b>PTC Thermistor Relay</b>	
MJ838K	110 - 240 VAC, PTC Thermistor Relay, 2 C/O
MJ938K	220 - 440 VAC, PTC Thermistor Relay, 2 C/O
MJ848K	24 VAC/DC, PTC Thermistor Relay, 2 C/O
MJ818K	110 - 240 VAC, PTC Thermistor Relay, 1 C/O
MJ918K	220 - 440 VAC, PTC Thermistor Relay, 1 C/O
<b>PTC Thermistor Relay with SPP</b>	
ML648S	230 VAC, Three Phase Three Wire PTC Thermistor & SPP, 1 NO + 1 NO
ML67BS	230 VAC, Three Phase Three Wire PTC Thermistor & SPP, 1 NO + 1 NC
MLD4BS	400 VAC, Three Phase Three Wire PTC Thermistor & SPP, 1 NO + 1 NO
MLD7BS	400 VAC, Three Phase Three Wire PTC Thermistor & SPP, 1 NO + 1 NC





Timer

# Digital Timer

## Key Features

- Compact 17.5mm wide DIN mount housing & 48x48mm panel mounting
- Multi-function: Non-signal & signal based functions
- Multi Voltage
- Wide Timing Range
- Relay output in 1C/O , 2C/O or 2 NO
- High Timing Accuracy
- CE, UKCA, ROHS Certified



DIN Mounting



Panel Mounting

## Ordering Information

Cat Id	Description
<b>DIN Mounting</b>	
V0DDTS	24 - 240 VAC/DC, Multi-Function Digital Timer - Eliro (8 Functions), 1 C/O
V0DDTD	24 - 240 VAC/DC, Multi-Function Digital Timer - Eliro (8 Functions), 2 NO
V0DDTS1	24 - 240 VAC/DC, Multi-Function Digital Timer - Eliro (18 Functions), 1 C/O
V0DDTD1	24 - 240 VAC/DC, Multi-Function Digital Timer - Eliro (18 Functions), 2 NO
<b>Panel Mounting</b>	
DT124S	110 - 240 VAC/DC, Multi-Function Digital Timer - Eliro (4 Functions), 2 C/O
DT125S	110 - 240 VAC/DC, Forward-Reverse Digital Timer - Eliro , 2 C/O



# Electronic Timer – Micon 175



Delay ON Break



Multi Function



Staircase Timer



Forward-Reverse

## Key Features

- Compact 17.5mm wide DIN mount housing
- Mono & Multi-function: Non-signal & signal based functions
- Multi Voltage
- Wide Timing Range
- Relay output in 1C/O or 2C/O
- High Timing Accuracy
- LED indicators for power supply & relay status
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
<b>Staircase Timer</b>	
27B2B3B2	Staircase Timer 1M – 230 V With Mono Mode, With Pre-Warning
27B2C3B2	Staircase Timer 1M – 230 V With Mono Mode, Without Pre-Warning
<b>Delay On Break Timer</b>	
1G1DTT	Delay On Break Timer, 25VAC, 1A, SSR Output Base/DIN Mount
<b>Multi Function Timer</b>	
1CMDT0	12 – 240 VAC/DC, Multi Function Timer (10 Modes), 1 C/O
1CQDT9	12 – 240 VAC/DC, Multi Function Timer (10 Modes), 1 C/O – 16A
1CVDT9	12 – 240 VAC/DC, Multi Function Timer (10 Modes), 1 C/O – 16A
1CJDT0	12 – 240 VAC/DC, Asymmetric Timer, 1 C/O
1CMDTF	12 – 240 VAC/DC, Multi Function Timer (10 Modes), 2 C/O
1CZDTF	12 – 240 VAC/DC, Forward-Reverse Timer , 2 C/O



## Electronic Timer - Micon 175

## Key Features

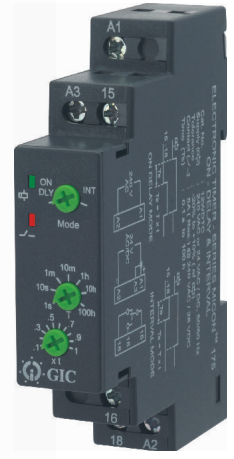
- Compact 17.5mm Wide
- Integrated Dual Voltage
- Wide Time Range
- LED Indications for Power and Relay status
- Low Power Consumption
- **Key functions** : ON Delay, Interval, Star Delta, One Shot, Signal Off Delay
- CE, UKCA, ROHS Certified



ON Delay



Star Delta



ON Delay / Interval

## Ordering Information

Cat Id	Description
11ODT4	110 VAC / 24 VAC/DC, ON Delay Timer, 1 C/O
12ODT4	240 VAC / 24 VAC/DC, ON Delay Timer, 1 C/O
15ODT4	12 VDC, ON Delay Timer, 1 C/O
11RDT4	110 VAC / 24 VAC/DC, Signal OFF Delay Timer, 1 C/O
12RDT4	240 VAC / 24 VAC/DC, Signal OFF Delay Timer, 1 C/O
15DDT4	12 VDC, Signal OFF Delay Timer, 1 C/O
11BDT4	110 VAC / 24 VAC/DC, One Shot Timer, 1 C/O
12BDT4	240 VAC / 24 VAC/DC, One Shot Timer, 1 C/O
15BDT4	12 VDC, One Shot Timer, 1 C/O
11WDTC	110 VAC / 24 VAC/DC, ON Delay & Interval Timer, 1 C/O
12WDTC	240 VAC / 24 VAC/DC, ON Delay & Interval Timer, 1 C/O
11SDT0	110 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
12SDT0	240 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
14SDTIS	240-415V AC, Star Delta Timer, 1C/O (Star) + 1C/O (Delta), 3-30 Sec



# Electronic Timer – Series Micon 225

## Key Features

- Multi-function with Signal based & Non Signal based
- Relay output in 1 C/O or 2 C/O (1I +1D Configurable)
- Wide Input Signal & Supply range: 24–240 VAC/DC
- Wide Timing Range
- High timing Accuracy
- LED indicators for Power Supply & Relay Status
- 22.5 mm DIN Mount Housing
- CE, UKCA, ROHS Certified



Signal Based Timer



Non Signal Based Timer

## Ordering Information

Cat Id	Description
<b>Signal Based Timer</b>	
2A8DT6	24-240 VAC/DC, Signal Based Multi - Function, 1 C/O (Delayed) & 1 C/O (Configurable as either Delayed or Instant)
2ANDT0	24-240 VAC/DC, Signal based multifunction timer, 1 C/O

### Non Signal Based Timer

2A5DT5	24 - 240 VAC/DC, Multi-Function Timer (5 Modes), 2 C/O
2B5DT5	240 - 415 VAC, Multi-Function Timer (5 Modes), 2 C/O
2A6DT6	24 - 240 VAC/DC, Multi-Function Timer (6 Modes), 2 C/O (1 Instant + 1 Delayed for 6th Mode)
2B6DT6	240 - 415 VAC, Multi-Function Timer (6 Modes), 2 C/O (1 Instant + 1 Delayed for 6th Mode)
2AODT5	24 - 240 VAC/DC, ON Delay, 2 C/O
2AADT5	24 - 240 VAC/DC, Asymmetric ON/OFF Timer, 2 C/O

Note: UL approval not applicable for Cat No. 2A6DT6 & 2B6DT6



# Electronic Timer – Micon 225

## Key Features

- Multi-function with Signal based & Non Signal based
- Available in Relay output or SSR output in 1 C/O or 2 C/O (1I +1D Configurable)
- Wide Input Signal & Supply range: 24-240 VAC/DC
- Wide Timing Range
- High timing Accuracy
- LED indicators for Power Supply & Relay Status
- 22.5 mm DIN Mount Housing
- CE, UKCA, ROHS Certified



Multi Function Timer



Asymmetric Timer



True OFF Delay Timer

## Ordering Information

Cat Id	Description
<b>Timers with solid state output</b>	
20NDDT	110 - 240 VAC, Signal Based Multi Function Timer with Solid State Output
20JDDT	110 - 240 VAC, Asymmetric Timer with Solid State Output
<b>Star Delta Timers</b>	
2ASDT0	24 - 240 VAC/DC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
2ASDT1	24 - 240 VAC/DC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
2BSDT0	240 - 415 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
2BSDT1	240 - 415 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
<b>True OFF Delay Timer</b>	
23GDT0	24-240 VAC/DC, True OFF Delay (Power OFF Delay) Timer, 2 C/O



# Analog Time Switch



## Key Features

- Modular construction
- Inbuilt over-ride facility
- High switching capacity
- Tamper proof sealing
- Daily/Weekly programming
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
J648B1	FM/1 QT 240 VAC, Daily Dial, Base / DIN Mounting*
J848B1	FM/1 QW 240 VAC, Weekly Dial, Base / DIN Mounting*
J638B1	FM/1 QT 110 VAC, Daily Dial, Base / DIN Mounting*
J838B1	FM/1 QW 110 VAC, Weekly Dial, Base / DIN Mounting*
S648B1	FM/1 SYNCHRON 240V AC, Daily, Base Mounting

NOTE : For Flush Mounting model and Module, replace B by F and M in Cat. No. respectively.





# Digital Time Switch

## Key Features

- LCD Display with Green backlight
- Precise time Programming for Daily / Weekly / Pulse switching
- Bar graph showing Daily program
- 50 ON/OFF programs, 10 Holiday Programs
- Settable DST feature & Password protection
- 16A Single and Dual relay outputs
- Two Separate Relay outputs with independent Programming
- 12/24 Hour Display Format
- 6 Years Battery reserve
- Simple reset & Manual Override
- Service / Load hours measurement
- CE, UKCA, ROHS Certified



Crono



Crono Pro

## Ordering Information

Cat Id	Description
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### Digital Time Switch Crono Pro

WTISCD5	240 VAC, Digital Time Switch - Crono Pro, 1 C/O
WT2DCDS	110-240 VAC, Digital Time Switch - Crono Pro, 2 C/O

### Digital Time Switch Crono / Pulse

67DDT0	110 - 240 VAC, Digital Time Switch - Crono, 1 C/O
6GHDT0	24 VDC, Digital Time Switch - Crono, 1 C/O
69HDT0	12 VDC, Digital Time Switch - Crono, 1 C/O
67DDT9	110 - 240 VAC, Digital Time Switch - Pulse, 1 C/O
6GHDT9	24 VDC, Digital Time Switch - Pulse, 1 C/O
69HDT9	12 VDC, Digital Time Switch - Pulse, 1 C/O



# Astronomical Digital Time Switch



Astro Mini



Astro Pro

## Key Features

- LCD Display with Green backlight
- Precise time programming for Astro / Daily / Weekly / Pulse / Cyclic switching
- Latitude / Longitude Database for 45 Countries and 280 cities
- Settable Latitude / Longitude precise to the minute with time zone
- Sunrise/Sunset or Twilight rise/set trigger modes
- Ease of Day selection in Weekly programming
- 50 ON/OFF programs, 10 Holiday Programs
- Settable DST feature & Password protection
- 16A Single and Dual relay outputs
- Two Separate Relay outputs with independent Programming
- 12/24 Hour Display Format
- 6 Years Battery reserve
- Simple Reset & Manual Override
- Service/Load hours measurement
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
ATISCDS	240 VAC, Digital Time Switch - Astro Pro+, 1 C/O
AT2DCDS	110-240 VAC, Digital Time Switch - Astro Pro+, 2 C/O
AS1SCDS	240 VAC, Digital Time Switch - Astro Pro, 1 C/O
AS2DCDS	110-240 VAC, Digital Time Switch - Astro Pro, 2 C/O
T2DDT7	110-240 VAC, Digital Time Switch - Astro Mini, 1 C/O



## Key Features

- Flush Mounting Version 96X48 mm with 7 segment display
- Thermocouple (J, K, T, R & S) / RTD 3-wire (Pt-100) sensor inputs
- Analog Inputs (0-10 VDC / 0-20mA / 4-20mA), mV (Linear) - 5 to 56mV
- Alarm Outputs, Analog (0-20mA/ 4-20mA or 0-10V/ 0-5V) & Relay 5A for alarm indication
- Configurable Band, Deviation Alarms
- °C & °F temperature unit selectable
- Short depth of 65 mm
- RS485 Communication
- IP 20 (For terminal and enclosure) & IP 55 (For Front Panel only)
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
PIA200	180-270 VAC, Process Indicator, Analog Input (0-10 VDC / 0-20 mA)
PIT200	180-270 VAC, Process Indicator, Thermocouple & RTD input
PIB110	85-270 VAC/DC, Process Indicator, Analog Input (0-10 VDC / 0-20 mA), Thermocouple & RTD Input, 24 VDC sensor supply
PIB120	85-270 VAC/DC, Process Indicator, Analog Input (0-10 VDC / 0-20 mA), Thermocouple & RTD Input, Alarm Outputs - Analog (0-10 V / 0-5 V, 0-20 mA / 4-20 mA) & Relay 5A for alarm indication, 24 VDC sensor supply
PIB12C	85-270 VAC/DC, Process Indicator, Analog Input (0-10 VDC / 0-20 mA), Thermocouple & RTD Input, Alarm Outputs - Analog (0-10 V / 0-5 V, 0-20 mA / 4-20 mA) & Relay 5A for alarm indication with RS-485 Modbus communication, 24 VDC sensor supply

NOTE: For White Display, add W after Cat id. e.g. PIA200W



# Digital Hour Meter & Counter



## Key Features

- Suitable for Hour meter & Counter (Up / Down) application
- Wide Hour meter range from 1 sec to 9999999 hrs
- Wide counter range from 1 to 9999999 counts
- Prescaling facility for Counter
- Runtime set point change & Alarm facility for both Hour meter & Counter
- Configurable NO/NC Relay & MOSFET Output with Over Load detection
- Retentive & Non-Retentive modes
- 7 Digit LCD with luxurious green backlight & Password Protection
- Compact size
- Suitable for panel mounting
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
Z2301N0G1FT00	9-30 VDC (with dual MOSFET output)
Z2221N0G2FT00	85-265 VAC/DC (with Relay output)
Z122N0G0FT00	110-240V AC/DC Non resettable with 1 Relay (5A) output
Z3301N0G2FT00	9-30 VDC Rate Indicator / Totaliser with 1 Relay (5A) output



# Hour Meter Series HM 36

## Key Features

- Robust design with high Accuracy & Compact size
- Frequency independent for AC applications
- Indicates operating time in hours and tenths with running indicators
- Panel / DIN mountable with 7 Bezel options
- 6 Digit Non-Resettable with automatic recycle to zero
- Wide supply voltage range
- Shock & Vibration Proof
- CE, UKCA, ROHS Certified



Panel Mount



DIN Mount

## Ordering Information

Cat Id	Description
LA21F1/LA22F1	90 - 264 VAC, Rectangular Bezel / 2 holes Bezel
LA23F1/LA24F1	90 - 264 VAC, Round Bezel / 3 holes Bezel
LA25F1	90 - 264 VAC, Square Mount Bezel
LA26F1	90 - 264 VAC, Cup Mount Bezel
LA27F1	90 - 264 VAC, Stirrup Mount Bezel
LD11F1	10 - 80 VDC, Rectangular Bezel
LD12F1	10 - 80 VDC, Rectangular 2 holes Bezel
LD13F1	10 - 80 VDC, Round Bezel
LD14F1	10 - 80 VDC, Round 3 holes Bezel
LD15F1	10 - 80 VDC, Cup Mount Bezel
LD16F1	10 - 80 VDC, Stirrup Mount Bezel
LD17F1	10 - 80 VDC, Square Mount Bezel
LC31F1	4 - 36 VAC/DC, Rectangular Bezel
LC32F1	4 - 36 VAC/DC, Rectangular 2 holes Bezel
LC33F1	4 - 36 VAC/DC, Round Bezel
LC34F1	4 - 36 VAC/DC, Round 3 holes Bezel
LC35F1	4 - 36 VAC/DC, Cup Mount Bezel
<b>DIN Mount Series</b>	
30A6B1	90 - 264 / 270 - 460 VAC, Hour Meter, Base/DIN
30A7B1	48 VAC, Hour Meter, Base/DIN
30D1B1	10 - 80 VDC, Hour Meter, Base/DIN
30D4B1	10 VDC, Hour Meter, Base/DIN
30C3B1	4 -36 VAC/DC, Hour Meter, Base/DIN



# Digital Hour Meter



## Key Features

- 6-digit LCD
- In-built nonvolatile memory (EEPROM) offering exceptional reliability
- Wide range of supply voltage
- Remote reset
- Available in 3 different Bezels
- Low Power Consumption
- CE, UKCA, ROHS Certified

## Ordering Information

Description	
Z71FBX	85-265 VAC model
Z71FBX	12-48 VAC/DC model
ZH1FBX	10-80 VDC model
X	A = Round Bezel, B = 24x48 Bezel, C = Screw Mount Bezel





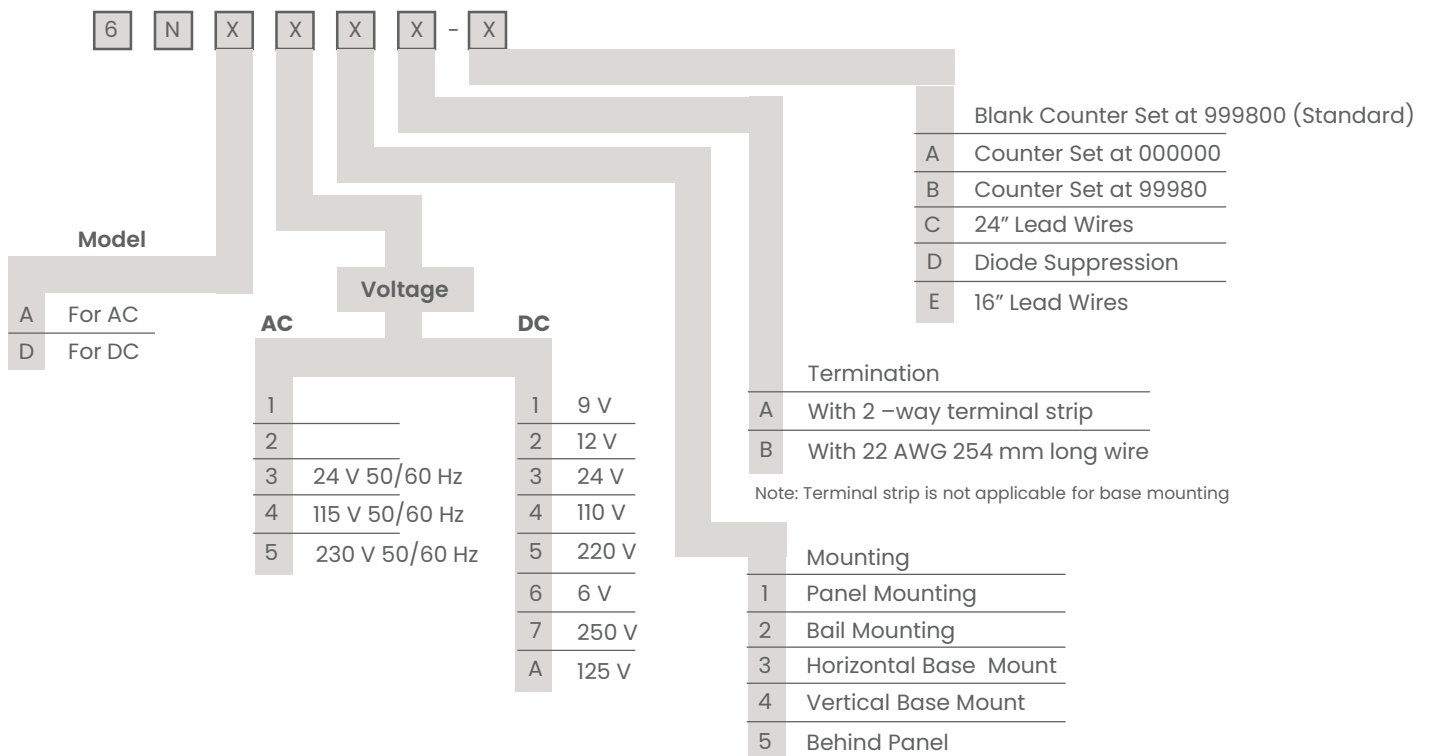
# Impulse Counter Series CR 26

## Key Features

- 6-digit Compact Non Reset and Robust Design
- High Accuracy and Reliability
- Requires no lubrication or maintenance
- Ideal where space is limitation
- Three mounting options: Bail, Panel, Base, Behind Panel
- CE, UKCA, ROHS Certified



## Ordering Information





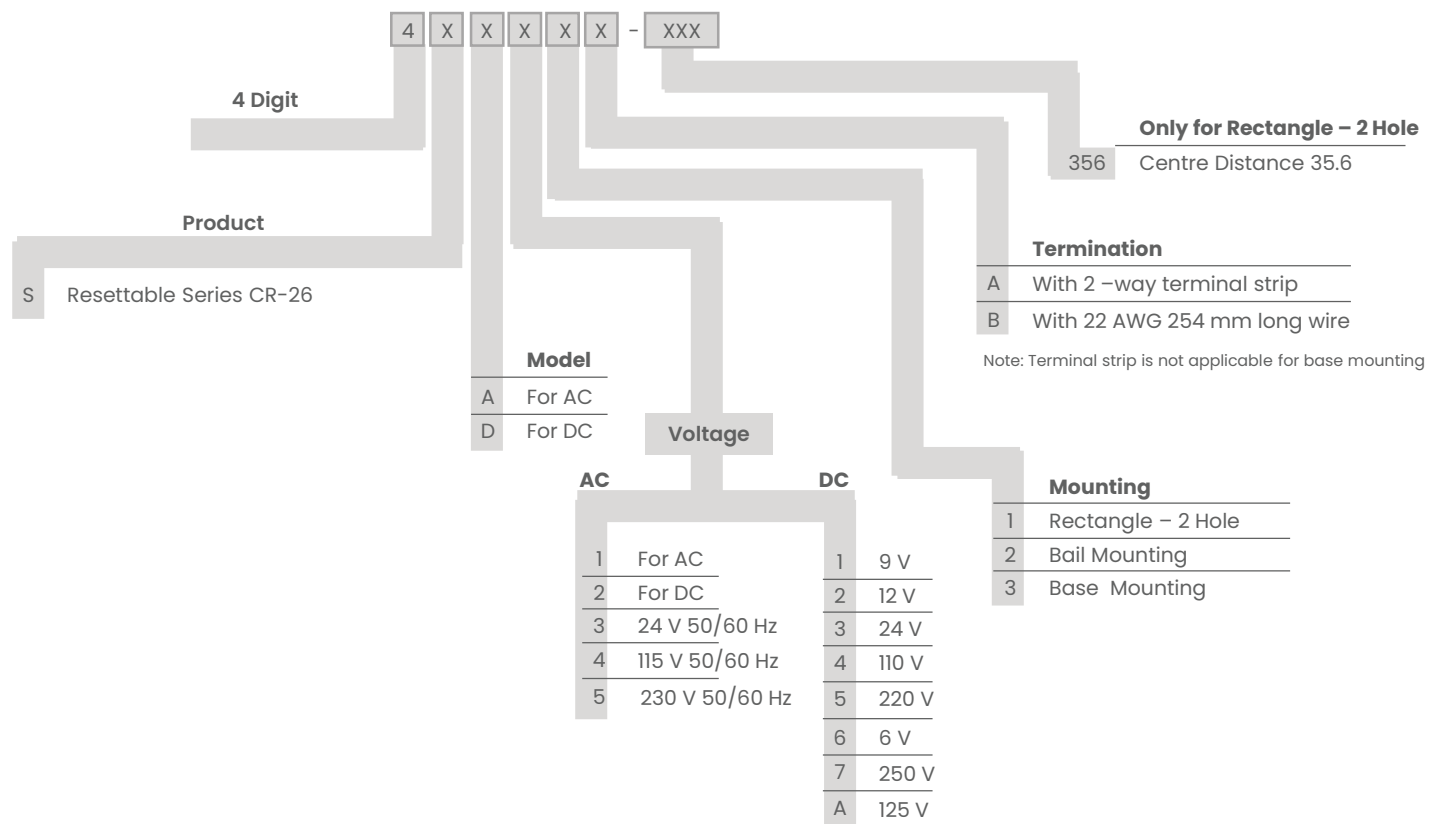
# Impulse Counter Series CR 26



## Key Features

- 6-digit Compact and Robust Design
- Push-button quick reset
- High Accuracy and Reliability
- Requires no lubrication or maintenance
- Optional locking for reset button
- Ideal where space is limitation
- Three mounting options: Bail, Panel, Base
- CE, UKCA, ROHS Certified

## Ordering Information





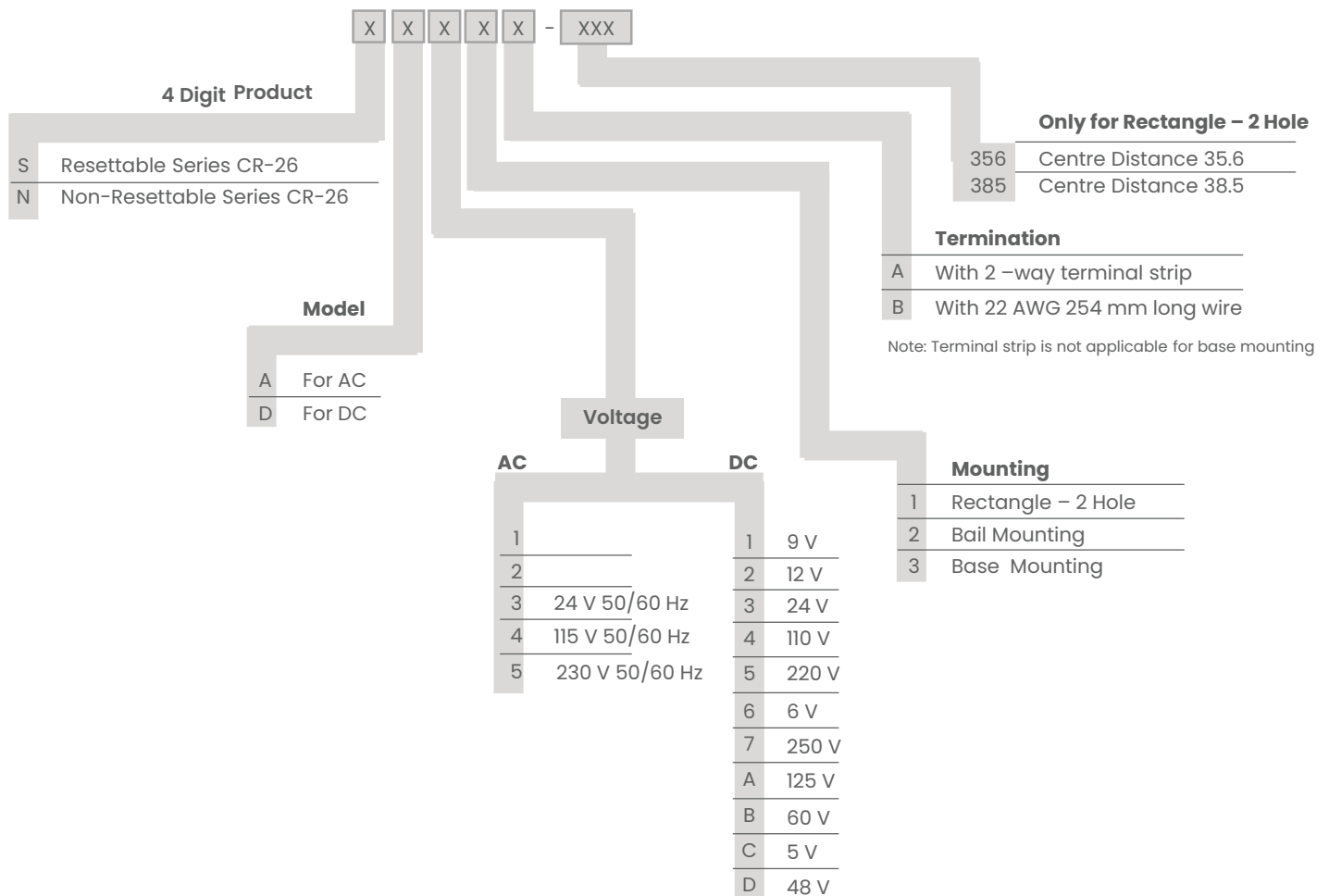
# Impulse Counter Series CR 26 (4 - Digit)

## Key Features

- 4-digit Compact and Robust Design
- Push-button quick reset
- High Accuracy and Reliability
- Requires no lubrication or maintenance
- Optional locking for reset button
- Ideal where space is limitation
- Three mounting options: Bail, Panel, Base
- CE, UKCA, ROHS Certified



## Ordering Information





# Digital Counter



## Key Features

- 6-digit LCD
- In-built nonvolatile memory (EEPROM) offering exceptional reliability
- Wide range of supply voltage
- Remote reset
- Available in 3 different shaped Bezels
- Low Power Consumption
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
Z72FBX	85-265 VAC model
ZJ2FBX	12-48 VAC/DC model
ZH2FBX	10-80 VDC model
X	A=Round Bezel, B=24x48 Bezel, C=Screw Mount Bezel



## Key Features

- Compact 17.5 mm Wide
- Available for Single, Two and Three Phase indications
- Choice of four colours
- LED technology for long life
- Integrated front product labeling
- CE, UKCA, ROHS Certified



## Ordering Information

Cat Id	Description
MM1NDV	240V AC, Single Phase Indicator, Red
MM1NDW	240V AC, Single Phase Indicator, Yellow
MM1NDX	240V AC, Single Phase Indicator, Blue
MM1NDY	240V AC, Single Phase Indicator, Green
MM2NDVW	240V AC, Two Phase Indicator, Red & Yellow
MM3ND	240V AC, Three Phase Indicator, Red, Yellow & Blue
MM3NDVH	240V AC, Three Phase Indicator, Red, Yellow & Green
MM3NDVD	240V AC, Three Phase Indicator, Red
MM3NDZ	240V AC, Three Phase Indicator, Green
MM3NDXD	240V AC, Three Phase Indicator, Blue
MM2NDVH	24V AC/DC, Single Phase Indicator, Red, Yellow & Green
MM2NDV	24V AC/DC, Single Phase Indicator, Red
MM2NDW	24V AC/DC, Single Phase Indicator, Yellow
MM2NDY	24V AC/DC, Single Phase Indicator, Green

# Automatic Changeover Current Limiter



3 Phase ACCL

## Key Features

- True RMS measurement
- Wide operating supply voltage range
- Seamless transfer of Load to healthy power source (EB or DG)
- 6 Digit 7 segment LED display
- Energy metering for EB & DG
- Class 1 Accuracy
- Protection against under voltage, over voltage & over load
- Settable DG ON time to safeguard DG from abrupt overloading
- Easy programming
- CE, UKCA, ROHS Certified

## Ordering Information

Mains Rating	Genset Rating	Description
32A	32A	240 VAC, 3P4W, 50 Hz, plastic enclosure
40A	32A	240 VAC, 3P4W, 50 Hz, plastic enclosure
40A	40A	240 VAC, 3P4W, 50 Hz, plastic enclosure
50A	50A	240 VAC, 3P4W, 50 Hz, metal enclosure
63A	50A	240 VAC, 3P4W, 50 Hz, metal enclosure
63A	63A	240 VAC, 3P4W, 50 Hz, metal enclosure
80A	80A	240 VAC, 3P4W, 50 Hz, metal enclosure
125A	125A	240 VAC, 3P4W, 50 Hz, metal enclosure



# Automatic Changeover Current Limiter

## Key Features

- Wide operating supply voltage range (180V to 265V AC)
- Seamless transfer of Load to healthy power source (EB or DG)
- Protection of Load against Over Load current for DG
- LED indication for EB, DG & Over load
- Over Load warning cycles before final lockout
- Provision of reset key to resume operation after over load recovery
- CE, UKCA, ROHS Certified



1 Phase ACCL

## Ordering Information

Mains Rating	Genset Rating	Description
30A	1A	240 VAC, Single phase, 50 Hz
30A	1.5A	240 VAC, Single phase, 50 Hz
30A	2A	240 VAC, Single phase, 50 Hz
30A	2.5A	240 VAC, Single phase, 50 Hz
30A	3A	240 VAC, Single phase, 50 Hz
30A	4A	240 VAC, Single phase, 50 Hz
30A	4.5A	240 VAC, Single phase, 50 Hz
30A	5A	240 VAC, Single phase, 50 Hz
30A	6A	240 VAC, Single phase, 50 Hz
30A	9A	240 VAC, Single phase, 50 Hz
30A	12A	240 VAC, Single phase, 50 Hz
30A	15A	240 VAC, Single phase, 50 Hz
30A	20A	240 VAC, Single phase, 50 Hz
30A	30A	240 VAC, Single phase, 50 Hz



# GSM Controller

## Key Features



- Load can be made ON / OFF using mobile phone from remote location either by making an IVRS call, missed call or sending SMS to the device
- Device is suitable for Single Phase and Three Phase supply
- Device is compatible with SASD, FASD & DOL starters and controllers
- One Master & two other Master or Monitor numbers can be configured to control and monitor the Load operation
- Load can be operated in Manual Mode, GSM Auto Mode, Timer Mode, Retentive Timer Mode or Multiple Daily Timer Mode
- Wire antenna for flexible positioning to get proper signal strength
- User can get information of events like Load ON/OFF, Phase error, Error recovery, Power Fail, Power ON, Phase fail, Contactor pick up fault through SMS and call back from device
- Anti-theft feature
- CE, UKCA, ROHS Certified

## Ordering Information

Cat Id	Description
26A11AV	180-500 VAC, Module for mobile starter with wire type antenna
26A21AV	85-265 VAC, Module for mobile starter with wire type antenna
26A10AVD	180-500 VAC, Module for door open/close SMS

### Wireless Liquid Level Controller

26A11AVL	180-500 VAC, Module for regulating pump side ON/OFF operation
26A12AVT	180-500 VAC, Module for controlling level at tank side

### Accessories

26100V0	Wire type antenna
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## Warranty Policy

All products sold come with a 24-month warranty against manufacturing defects from the date of manufacturing.

If a product is found to be defective due to faulty workmanship or other issues, we will, at our discretion, either remedy the defect, replace the faulty parts, or replace the entire product as soon as possible, free of cost. However, under no circumstances shall GIC's liability exceed the individual price of the product in question.

This warranty is subject to proper usage and efficient maintenance. It does not cover defects arising from fire, accidents, inadequate maintenance, faulty operation, or willful/accidental damage. Additionally, it does not cover damage to power electronic components such as Thyristors and IGBTs, which typically fail due to overheating or overvoltage. The user is responsible for taking adequate precautions to prevent these conditions.

GIC shall not be liable for any consequential loss, injury, or damages resulting from the defect or failure of its products.

Proof of purchase must be retained to avail warranty services.

### Note:

- Innovation being a continuous process, design and specifications are subject to change without prior notice.
- User is recommended to ensure the suitability of the products for intended application.
- GIC is not responsible for consequential damage out of use of its products.





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