WINDSOR® **Airon**®

CONNECTIVITY &
AUTOMATION
SOLUTIONS

SINCE 1957 PRG GROUP

From CEO's Desk

ABOUT OUR COMPANY

PRG Group, has been in the manufacturing business since 1957. The group is now more than 65 years old.

Airon®   **WINDSOR®**   **PRG®**

The Engineering People   **MANSAA**   **MANSAA ESSENTIALS**

are trademarks of the group catering business activities spanning Connectivity & Automation Solutions, Trading, Software, Firmware, Electronics & Internet of Things. The group has more than 1200 selling products and many more in pipeline.

ERP, Re-engineering, 5S, Lean manufacturing, Energy conservation, Inventory management, Segregation of activities, Upkeep of work areas, HR training & welfare, Pollution free environment, Product standardization are regular & important features of our manufacturing.

The group is socially very active. Some of the important honors comprise National Award to SSI by Govt. of India, Rashtriya Udyog Rattan Award, Udyog Shiromani Puraskar conferred from time to time.

Group quality policy is to design, manufacture and supply quality Electricals, Automation products, Software, Firmware and Electronics as per customer requirements at competitive prices. Group strives for continual improvement and enhancing customer satisfaction.

Our thrust areas are Product Certification, O/E/Ms, Export, Online Marketing & adopting environment friendly technology and techniques.

With vast experience of more than 6 decades, support of our loyal customers, qualified & dedicated manpower and technocrat promoters, the group confidently looks forward to serving the modern market.

CE   **ISO 9001 : 2015 Certified**

PANEL INDICATORS

WINDSOR® **Airon®**

Features

- Panel Cutout 16mm & 22.5mm
- Long Life, capable of withstanding wide voltage variations
- Excellent illumination, low current consumption
- Shock Proof, Vibration resistant, Covered Terminals, Various Designs
- Waterproof model also available
- LED with Buzzer & Dual Color model also available

- 12V, 24V, 48V, 110V, 220V DC
- 24V, 48V, 110V, 230V, 415V AC
- 24-230V AC/DC and 200-415V AC
- Moulded in thermoplastic material
- Available in Red, Green, Yellow, Blue, Amber & White colors

LED INDICATOR : 16MM

EACLI-2 SERIES

EACLI-2 SERIES

PABLMI-2 SERIES

LED INDICATOR : 22.5MM

PALMI-1 SERIES

EPCLI-1 SERIES

ZLMI-1 SERIES

PALMI2-1 SERIES

ULMI-1 SERIES

SBLMI-1 SERIES

GD27-1 SERIES

PABMLI-1 SERIES

NEON INDICATORS

PILOT LAMP HOLDERS

Features

- Thermoplastic Material, 16mm cutout
- Red, Green & Amber colors
- 230V AC, 2 designs

Features

- Thermoplastic material
- Suitable for E10 screw cap filament or neon lamps
- Red, Green, Amber, Blue colors

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DIGITAL PANEL DISPLAY METERS

Features

- Available in Panel Mount & Din Rail Mount
- LED Display
- Space Saving Design
- Available in various configurations like Volt, Amp, Hz, Volt + Amp, Volt + Amp + Hz, Kilowatt, Temperature

- Also available Multifunction all-in-one type
- Comes with CT or Sensor wherever applicable
- Panel Mount available in Red, Green, Amber, Blue & White colors

PANEL MOUNT

VOLTMETER

VOLTMETER

FREQUENCY

VOLT + FREQUENCY

AMMETER

KILOWATT

TEMPERATURE

MULTI FUCTION

VOLT + AMPERE

VOLT + AMP + FREQUENCY

DIN RAIL MOUNT

DIGITAL PROTECTOR METERS

Features

- Protectors for various Electricity parameters like Overvoltage, Undervoltage, Ampere, Kilowatt hour
- Din Rail mount, LED Display
- Programmable for parameters like Over & Under Voltage Range, Ampere or kWh threshold
- Auto reconnection with restart delay timing when parameters come back within range
- 1phase & 3phase Models available
- WI-FI Based models with app control available for control at anytime from anywhere
- Automatic Electronic Phase Switch also available

PROTECTOR METERS

VOLT

AMPERE

VOLT + AMPERE

VOLT + AMP + KWH

3 PHASE VOLT + AMP

3 PHASE VOLT

PHASE SWITCH

WI-FI

TERMINAL BLOCKS & CONNECTORS

Features

- Din Rail mountable Feed through terminals for easy mounting and removal of single terminal from stack
- Surface mountable closed type & open barrier type terminals
- Screw clamp wire termination
- Copper or Copper alloy terminals
- Housing made from fire retardant thermoplastic or phenolic material
- Din Rail type available from 2.5 to 95 sq. mm
- Surface mount type available from 6A to 125A rating
- Makes wiring planning easier and optimizes operational safety

TERMINAL BLOCKS

TERMINAL BLOCKS

OPEN TYPE CONNECTORS

CLOSED TYPE CONNECTORS

PLUG & SOCKETS

Features

- Safe, Durable, Timesaving, effectively prevents power outages & leakages
- Different series of products for different environment
- Easy to install & long life
- High Grade material used
- Secure, reliable & color coded for different voltages
- Compatibility to interchange with other makes

PLUG & SOCKETS

WPPS-SERIES

AEPS-SERIES

P-SERIES

CONTACTORS & OVERLOAD RELAYS

Features

- Various designs available along with suitable overload relays, auxiliary blocks, timers etc.
- Ratings from 12A to 95A across different designs
- Surface Mounting as well as Din Rail Mounting
- Housing made from fire retardant thermoplastic or phenolic material
- Various coil voltages available
- Easy coil replacement due to modular designs
- Applications like pump control, welding, motor starters, machinery control, heating elements etc.

CONTACTORS, RELAYS & ACCESSORIES

SERIES 'B'

SERIES 'T'

SERIES 'WC'

SENSORS

Features

- Proximity & Photoelectric Sensors
- Used in various automation, robotics & industrial applications for detecting objects and measuring distances without physical contact
- Wide range of models and different sizes for various applications
- 2-meter wire length for ease of connection
- High quality, reliability & resistant to dirt, moisture etc.
- PNP & NPN normally open/closed output type

SENSORS

PROXIMITY SENSORS	PROXIMITY SENSORS	PHOTOELECTRIC SENSORS

SOLID STATE RELAY

Features

- Electronic switching device to switch loads, switches immediately
- No moving parts result in long lifespan without mechanical wear
- Silent operation, vibration & shock resistant, low power consumption
- Available in 1phase & 3phase
- DC-AC, AC-AC, DC-DC, Resistance type in various current ratings
- Used in industrial automation, heating systems, motor control, lighting applications, etc.

SSR

DC-AC

AC-AC

DC-DC

VOLT-AC

3 PHASE

HEAVY DUTY CONNECTORS

Features

- Robust Connectors for harsh environments, anti-vibration positive contact
- Secure electrical connection in machinery, automation and transportation applications
- Diecast metal housing for high durability
- Fire-retardant contact housing and copper alloy contacts
- Secure locking mechanism prevent accidental disconnection
- Used in machinery, industrial automation, transportation, wind & solar energy, construction equipment applications

PANEL COOLING FANS

Features

- Essential part in industrial control panels, electrical enclosures & machinery to dissipate heat and ensure optimal performance
- Sleeve & Ball bearing type
- Copper winding motor with flange protection
- Available in sizes from 80mm to 200mm in various voltages from 12V to 415V and different shapes
- Panel mount, frame mount or rack mount
- Moves air parallel to the fan's axis

HEAVY DUTY CONNECTORS

AXIAL COOLING FAN

RELAYS & SOCKETS

Features

- Relays are electrically operated switches using coil & mechanical contacts to switch circuits
- Sockets provides secure & easy way to mount and replace relays
- High electrical durability & high density mounting

- Used in Industrial Automation, HVAC Systems, Home Automation, Alarm systems etc.
- Different designs & different voltages available
- Din Rail mounting for ease of use & maintenance
- Easy wiring, secure connection with LED indicator for operation status

RELAYS & SOCKETS

WMY-SERIES

WK-SERIES

W2R-SERIES

WLY-SERIES

SWITCH MODE POWER SUPPLY

WINDSOR® Airon®

Features

- AC-DC converter, converts AC mains into regulated DC
- High efficiency, compact and lightweight
- Wide input voltage range handling, generates less heat
- Available in surface mounting & DIN rail mounting

- Available in DC 5V, 12V, 24V, 48V single output and multi-voltage outputs
- From 15 watts to 2000 watts
- Used in Industrial automation & control, robotics, PLC, CNC machines, medical equipment, signalling systems

SMPS

WDRPS-SERIES

WRSPS-SERIES

WDRPS-H SERIES

TEMPERATURE CONTROLLERS

Features

- To regulate temperature in industrial, commercial & residential applications
- PID temperature controllers with Relay + SSR Output provide precise temperature control
- Sizes available 48*48, 72*72, 96*96, 48*96
- Universal input TC/RTD

- Wide voltage input supply 90-270V AC
- Heat or Cool option selectable
- Temperature unit, input sensor, decimal point configurable
- Used in metal processing, heat treatment, food processing & storage, medical equipment, HVAC & climate control

TEMPERATURE CONTROLLERS

WTC SERIES

WTC5 SERIES

SIGNALLING & WARNING LIGHTS

Features

- Tower Lights (stack lights) are signalling devices used in industrial environments to indicate status of machine or process
- Multiple colored LED stacked vertically with buzzer option and working voltage from 24V to 220V
- Modular design makes easy to add or remove
- Various mounting brackets to mount at different surfaces
- Warning lights are used to alert for potential hazards / warnings in industrial, commercial or public environments
- Multiple voltage and multiple modes for sound and blinking

SIGNALLING & WARNING LIGHTS

PSWL1 SERIES

PSWL2 SERIES

CAM OPERATED ROTARY SWITCHES

Features

- Used to perform make or break operations in sequential way
- Suitable for multi-pole & multi-position circuits
- Multiple circuit functions can be controlled
- Designed for On-load switching
- Housing made of glass filled polyamide material
- Available in 6A, 10A, 16A, 25A, 32A, 63A ratings
- Flexibility in contact block selection
- Programmable switches & Ammeter/Voltmeter selectorswitches
- Switches available upto 12 positions with 30˚, 45˚, 60˚ & 90˚switching angles

CAM OPERATED ROTARY SWITCHES

MINIATURE MICRO SWITCHES

Features

- Single pole changeover, positive snap action
- DV3 series also available in double pole changeover
- Long mechanical & electrical life
- DV3 series available in various actuators like push buttons, levers, roller levers etc.

- DV7 series available in different lever actuators
- Available with solder, screw and quick connect terminals
- Versatile switch used in automotive, machine control, vending equipment, telecommunication & instruments

MINIATURE MICRO SWITCHES

DV3 SERIES

DV7 SERIES

MICRO SWITCHES

Features

- Single pole & Double pole changeover, positive snap action
- Direct & Reverse acting mechanism available
- Wide range of levers and integral & auxiliary mounted plunger actuators
- Beryllium copper trident spring operating mechanism

- Available in 5A, 10A and 15A ratings
- High precision, repeatability & long life
- Same mounting dimensions across all designs

R & C SERIES

T SERIES

S SERIES

ENCLOSED MICRO SWITCHES

2NO+2NC SWITCH

LIMIT SWITCHES

Features

- Mechanical device used to detect presence or absence of an object
- Available in various designs, sizes, operating heads, and normal / snap action
- Long electrical & mechanical life

- Used in conveyor systems, elevators & lifts, door & gate systems, industrial presses & moulds, machinery automation
- Easy to install and integrate into existing systems

MINI LIMIT SWITCHES

WLSM SERIES
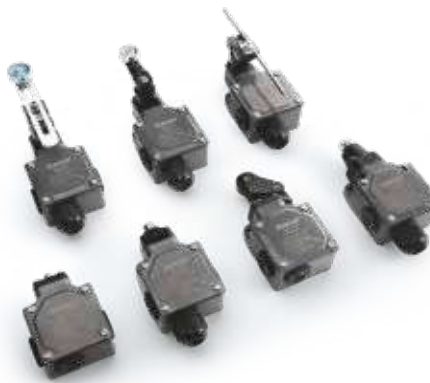
WLSMP SERIES

WLSM1 SERIES

LIMIT SWITCHES

MLSR SERIES

MLSR OT SERIES

WLSB SERIES

WLSBT SERIES

WLSW SERIES

PRECISION LIMIT SWITCH
WPLS SERIES

PUSH BUTTONS & CONTROL SWITCHES

WINDSOR® Airon®

Features

- Mechanical switch used to control electrical & electronic systems
- Available in different cutouts like 18.5mm, 22.5mm, 29mm, 30.5mm
- 1NO + 1NC contacts for push buttons
- Flexible contact arrangement for control switches
- Thermoplastic housing, compact in size
- Screw clamp connections with copper alloy terminals
- Versatile & useful in various industrial control panels, pump control panels, lathes, milling machines
- Illuminated push buttons available for visibility
- Easy to install, wire and use
- Wide variety of actuator heads available

PUSH BUTTONS

DPB SERIES

DP-AH SERIES

UBTHF SERIES

UTHF SERIES

THF-N SERIES

16MM SERIES
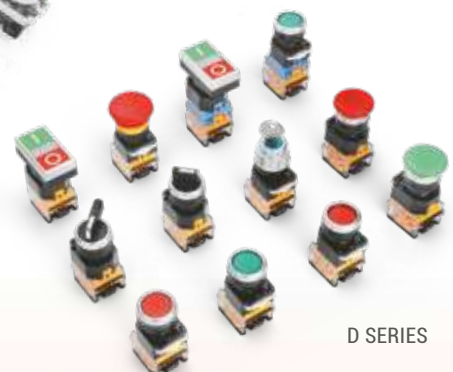
CONTROL SWITCHES

AAF / ADF / AGF SERIES

X SERIES

G SERIES

AA SERIES

D SERIES

CONTROL STATIONS & PENDANTS

Features

- Enclosure containing one or more buttons to control electrical circuits
- Sheet Steel & Thermoplastic enclosures
- Stations available from 1 to 4 way, Pendants from 2 to 12 way
- Used in industrial, commercial, automation applications
- Easy installation, adequate wiring space, screw clamp connection

- Wireless Push Buttons Stations also available for flexible remote control operation of equipment
- Weatherproof versions also available

CONTROL STATIONS & PENDANTS

PBTS SERIES

AS/TS SERIES

UPBS SERIES

LP SERIES

WWPP SERIES

CIRCUIT BREAKER

Features

- Safety device designed to protect overcurrent for protection of electrical circuits
- Single pole, push to rest, thermally operated overload protector
- Automatic tripping in case of excess current flow, manually resettable
- Available from 6A to 20A ratings

DOL STARTERS

Features

- Direct-On-Line Motor Starter
- Dust & Moisture proof powder coated steel enclosure
- Latch to prevent accidental starting
- Fitted with overload relays to ensure motor protection
- Available for 1 & 3 phase motors for agri & industrial applications
- 1, 2, 3 H.P. variants available for single phase motors
- 1, 2, 3, 5, 7.5, 10, 12.5, 15 H.P. variants available for 3 phase motors

CIRCUIT BREAKER

CB11 SERIES

DOL STARTERS

ANALOG & DIGITAL TIMERS

Features

- Used to control electrical circuits by switching them on or off at preset time
- Used in HVAC systems, Industrial automation, Lighting control, Motor control
- Din Rail or Surface Mountable

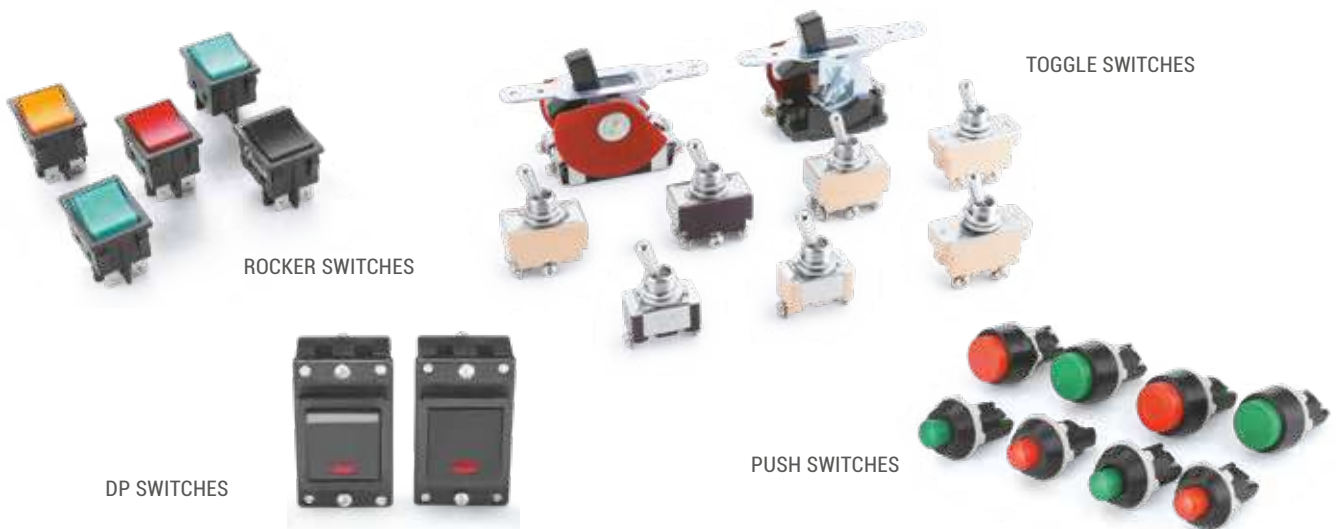### ANALOG TIMERS

DIGITAL TIMERS

ROCKER, TOGGLE & OTHER SWITCHES

Features

- Rocker Switches rated 15A 230V AC available in with & without light
- Available in DPST, DPDT configurations
- Toggle switches available from 6A to 20A in Single & Double Pole
- DP Switches are double pole switches rated 16A 230V AC with knob indication
- Push switches are available in 1NO or 1NC configurations, 16mm Panel cutout

ROCKER, TOGGLE & OTHER SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

DP SWITCHES

PUSH SWITCHES

HRC & SLIDE LOCK FUSE HOLDERS

Features

- Fuse holders for HRC fuses & wire fuses
- Available in Front connecting, Busbar mounting & Panel mounting
- Moulded in high grade phenolic material
- Contacts made from copper alloy

HRC & SLIDE LOCK FUSE HOLDERS

WINDSOR® Airon® AEC®

The Engineering People

MAKE IN INDIA

**SCAN THIS TO
CONNECT WITH US**

PRG TECH PRIVATE LIMITED