

Since 1881, Crompton products have been closely associated with high quality technological developments in all aspects of electrical instrumentation. The Crompton range represents one of the largest product offerings of power measurement, control and protection instrumentation, for switchgear and generator set manufacturers, panel builders and OEMs. Crompton products offer proven reliability across a diverse array of industries including power generation, process control, test and measurement, utility, marine, defence and energy management applications.

To meet the challenges of ever decreasing lead times and industry developments, design and manufacturing processes are constantly reviewed and updated



Power monitor

Integra Ci Digital Metering Systems offer measurement and display of all major electrical and power quality parameters including true rms values, power quality data and measurement of total harmonic distortion.



- Designed to meet customer requirements, the Integra portfolio offers optional pulsed, analogue and digital communication outputs, DIN or ANSI case styles and high quality LED or LCD displays

Transducers

Transducers measure, isolate, and convert electrical parameters into industry standard DC output signals and broadcast results via communication interface options such as RS232, RS485 and Modbus®.



These vibration-resistant transducers protect against high voltage and overload. Integra transducers measure up to 50 electrical and power quality parameters and offer up to four user-programmable analogue outputs. Paladin transducers provide Class 0.5 or 0.2 measurement of up to seven electrical parameters and multiple analog outputs from a single housing.

Tripping relay



An extensive range of electronic control products to providing continuous monitoring and protection of any electrical parameter. When the monitored parameter deviates from the desired set trip limit, the relay will operate to prevent damage to power asset. This versatile ranges features a host of DIN rail protectors offering numerous trip functions for single and three phase power systems.

Meter relays & digital indicators



Trip relays continuously monitor and protect any electrical parameter within a set point limit. The range offers both traditional and technologically advanced products, including single parameter units, earth leakage protection, ground fault relays, vector shift and ROCOF, and microprocessor system protection relays

Current transformers



Complete range of transformers for reducing high primary currents down to a consistent 5 or 1 Amp secondary current. Options include moulded case width, busbar and aperture sizes, tape wound, balanced and split cores, current ratings and various mounting options.

High grade silicon iron cores are carefully selected, then insulated and protected by a polypropylene covering on which the secondary winding is toroidally wound by precision winding machines. Multi layers of polyester and PVC are then applied to provide a tough moisture resistant coating.

Analogue instruments

A range of the most popular short-scale measuring instruments in 4 case sizes. Shock resistant sprung pivot and jewel movement,



- Terminal covers supplied as standard,
 - EMC hard frequency meter are fully
 - EMC and LVD compliant
- 1/4" fast on' terminals available.

Shunts

Shunts are separately mounted units used for extending measurement of currents beyond the available limits of self contained DC Ammeters. The large capacity type switchboard shunts is designed for permanent installation in bus bar circuits. The lower capacity type is readily mounted on insulated or non- insulated panels. Where possible, all shunts should be mounted on the grounded side of the circuit.



Panel mounted shunts with insulated bases must be mounted on the grounded side of the circuit above 750 volts.

Terminal blocks on the 50 and 100 millivolt shunts rated below 750 Amperes are made of brass.