

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



INTEGRA DMS

Our multifunctional measuring systems display and communicate more than 100 parameters, including RMS and power quality data. Fully programmable via a simple interface, Integra systems can be integrated into energy management and SCADA systems.



Integra 1222 & 1221: Precise solution for measuring and displaying all major power quality and power parameters. Its easy programming, mounting and user-friendly navigation make the Integra 1221 and 1222 the ideal choice for customers who need reliable energy measurement.

Advantages:

- Single-phase or three-phase
- Backlit LCD display
- Input/output system for AC voltages
- User programmable system configuration
- Pulsed output and Modbus as standard
- Possibility of connection R512 for TC

Energy Meters

Our DRS range is a multifunctional range of MID certified energy meters. Our energy meter is an accurate and economical solution for measuring and displaying energy import and export parameters for single-phase or three-phase networks in direct connection. Its easy programming, mounting and user-friendly navigation make DRS meters an ideal choice for customers who need reliable energy measurement.



The product has a DIN rail housing and a backlit LCD display, in 45A or 100A as well as two communication interfaces:

- Modbus™ RTU Protocol
- Two pulsed outputs.

Current Transformers



Crompton offers a very wide range of TI, with ratios from 1/5 to 6000/5, with standard or 1A 5A output. We offer you the standard Ebony moulded and competitive range, but also solutions for three-phase installation, or opening systems and more specific products for measuring earth currents for example. Options include different housing widths, busbar and opening sizes, coil, amperage and various mounting options.

Programmable Transducers

Our transducers measure, isolate and convert electrical parameters into standard DC output signals and communicate the results through interfaces such as RS485 and Modbus RTU.



Paladin transducers provide up to 9 electrical parameters and multiple analog outputs in a single enclosure. These vibration-resistant converters protect and provide insulation against high voltages and overloads.

Protection Trip Relays



Protection relays monitor and protect any electrical parameter within the setpoint limit. The range offers both traditional and technologically advanced products. Relays protect for currents, voltages, frequencies, phase direction, imbalance, power feedback, coupling order, temperature, speed and earth protection.

Analogue instruments

Our needle displays and hour meters are perfectly suited for industrial and marine applications. The robustness of our solutions has proven itself over time. We offer a wide choice of sizes, sizes or connections:



Ammeter, Voltmeter, Frequency meter,
Direct connection, with shunts or current transformer,
Size: DIN 48, 72, 96 or 144

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.



The Crompton range is very extensive, it allows current measurement from 10 to 10,000 A with standard outputs in 50 mV, 60 mV, 75 mV, 100 mV and 150 mV. They comply with DIN 43 703 and IEC 51 EN60051.

DSF TECHNOLOGIES

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