

CROMPTON INSTRUMENTS POWER MEASUREMENT, PROTECTION AND CONTROL

OVER 130 YEARS OF ENERGY METERING EXPERTISE



POWER MEASUREMENT, PROTECTION AND CONTROL

KNOWN FOR ITS OUTSTANDING PRODUCT RANGE AND HIGH STANDARDS SINCE 1881, CROMPTON INSTRUMENTS IS SYNONYMOUS WITH RELIABLE ELECTRICAL INSTRUMENTATION PRODUCTS

Crompton Instruments

The Crompton Instruments product range represents one of the largest product offerings of power measurement, control and protection instruments for switchgear and generator set manufacturers, panel builders and OEMs 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 developing electrical measurement market Crompton designers continue to develop new products, and actively encourage the development of strategic customer partnerships for the supply of bespoke design solutions.

Worldwide service centres provide prompt reaction to customer requirements and offer country specific technical expertise and application advice. By combining local knowledge with over 100 years of research, product development and manufacturing capabilities, Crompton products provide the highest standards of performance and user convenience.

TE Connectivity – Energy

Through our historic Raychem, Simel and Bowthorpe EMP product lines, TE Connectivity (TE) has built a reputation as a leader in the field of energy solutions. With more than 75 years of industry experience we have pioneered technologies, made advancements in materials science and supplied innovative products that support the distribution of power.

Our focus on energy has driven our commitment to research and development as well as rigorous testing to guarantee the reliability of our products. Above all, our commitment to developing lasting partnerships with the customers we serve, and dedicating energy to ensuring that projects meet both technical and human requirements will power our next 75 years of service and beyond.



CROMPTON INSTRUMENTS COMPLETE PRODUCT RANGE

Integra Multi-function Metering Systems

Integra range of multi-function metering systems measure, display and communicate over 100 parameters. Integra systems can be integrated into energy management and SCADA systems. Options include pulsed, analogue and RS485 communication protocols, a choice of DIN, DIN-rail and ANSI case-styles and LED or LCD displays.

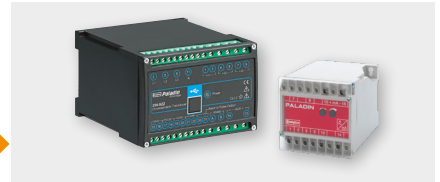
www.crompton-instruments.com/integra.html



Integra and Paladin Transducers

Extensive range of transducers providing measurement, isolation and conversion of electrical parameters into industry standard DC output signals, offering single or multiple analogue outputs within a single case housing.

www.crompton-instruments.com/transducer.html



Energy Meters

DIN-rail mounted or self-contained panel meters measure combined kWh or kVAh with pulsed or analogue output options and selectable CT and VT ratios. Microprocessor controlled circuitry provides up to Class 1.0 accuracy with outputs displayed directly on the instrument monitor or a remote PC.

www.crompton-instruments.com/kwh.html



Protector Trip Relays

Trip relays continuously monitor and protect any electrical parameter within a set point limit. The range offers single and multi parameter units, earth leakage protection, ground fault relays, vector shift and ROCOF.

www.crompton-instruments.com/protector.html



Analogue Instruments

Traditional range of analogue instruments includes ANSI switchboard meters, panel indicators, sealed and ruggedized instruments, and complementary selector switches for line-to-line and line-to-neutral readings. All instruments are available in a range of styles, sizes and performance specifications.

www.crompton-instruments.com/analogue.html



Current Transformers

Extensive range of current 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, 3-in-1, balanced and split cores, current ratings and various mounting options.

www.crompton-instruments.com/ct.html



Meter Relays and Digital Indicators

Meter relays and digital indicators are ideal for monitoring, process control and load shedding applications. This range includes digital and analogue meter relays, digital bargraph indicators and controllers.

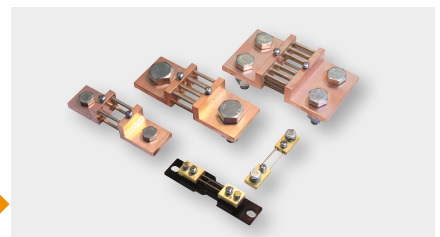
www.crompton-instruments.com/relay.html



Shunts

Shunts provides an accurate dc millivolt signal, exactly proportional to the system current, to drive ammeter indicators, overload protection and control devices. This range includes industrial, switchboard, DEF 66-13, DIN, base mounted, tag end, lightweight and panel meter shunts in a variety of formats and configurations.

www.crompton-instruments.com/shunt.html



TE Connectivity Ltd. is a \$13 billion global technology and manufacturing leader creating a safer, sustainable, productive, and connected future. For more than 75 years, our connectivity and sensor solutions, proven in the harshest environments, have enabled advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. With 78,000 employees, including more than 7,000 engineers, working alongside customers in nearly 150 countries, TE ensures that EVERY CONNECTION COUNTS. - www.TE.com.

Generation

- Conventional Power
- Nuclear Power
- Wind/Solar
- Hydro-electric

Transmission & Distribution

- Substation
- Underground
- Overhead
- Street Lighting

Industry

- Mining
- Petrochemical
- Railway
- Shipbuilding

WHEREVER ELECTRICITY FLOWS, YOU'LL FIND TE ENERGY



www.crompton-instruments.com

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