

Panel Components & Systems

Why Make PC&S your Source for Power Equipment?



With extensive experience in manufacturing and product distribution, PC&S puts the resources of over 25 direct employees and a distribution and representation network of over 40 individuals to work for you. Dedicated to the sales and support of our products, we are ISO 9001 certified and a certified DBE/WBE with many state and federal approvals. PC&S is a customer-service oriented company meeting customer requirements and exceeding expectations. We continuously improve on providing the electrical industry quality products for measurement and control. We pride ourselves on delivering, on time and every time, defect-free products and services.



Power Measurement and Control Specialists



POWER MONITORS



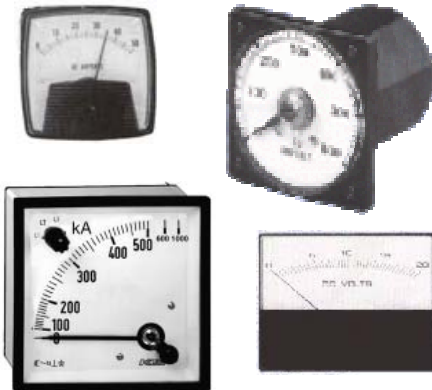
The Power Monitors are 1 phase or 3 phase digital metering systems, measuring and displaying up to 22 parameters. These low cost, simple to use, metering systems are ideal for use in switchboards, BMS, generating sets, etc. Parameters such as CT and PT ratios can be set from the front control buttons. Security levels can be set to prevent unauthorized changes. The option of both RS-232 and RS-485 (Modbus protocol) is available in most models.

GROUND FAULT RELAYS



A complete range of high-quality relays and transformers providing true RMS measurement. The units offer increased sensitivity levels and built-in EMI filters. Available with selectable or fixed delays and sensitivities, these relays are available in DIN rail or panel mount designs to handle a variety of “intelligent protection” applications.

ANALOG PANEL METERS



The LS & ST series of analog panel meters are all built to ANSI C39.1 standards and are UL & CE approved. Models are available in most standard sizes, scales, and inputs. Available options include: panel gaskets, NEMA 4, rectifier movements (25-1000 Hz), improved accuracy, colored dials, custom artwork, customer logos, etc. DIN style panel meters are also available from stock in most standard sizes and inputs.

DIGITAL PANEL METERS



The M300 series is primarily designed for use in the power industry, offering a wide range of both AC and DC inputs. The display is 3.5 digit, 0.56” high, 7 segment LED. Both AC and DC auxiliaries are available.



The M350 series is a versatile solution to almost any measurement or control requirement. Various options are available including dual set points, isolated analog output boards, an isolated communications board, switch mode power supply and extended processing/calculation ability.



TRANSDUCERS



The M100 series is a comprehensive range of AC and DC transducers providing a DC mA or DC V output proportional to the input signal. Isolation of 4kV combined with accuracy of Class 0.2 allow the M100 series to be used with building management systems, analog and digital meters, etc. The M100 series has UL, C-UL and CE approvals. The M560 series of multifunction power transducers offers a combination of analog and digital (RS-485) outputs, while the M550 series offers only digital (RS-485) output.

PROTECTIVE RELAYS



The M200 series is a comprehensive range of AC and DC monitoring relays. The relays provide continuous monitoring of electrical systems. Customer adjustable trip points, time delays and resets are available depending on relay type. The M200 series has UL, C-UL and CE approvals.

CT'S / PT'S AND SHUNTS

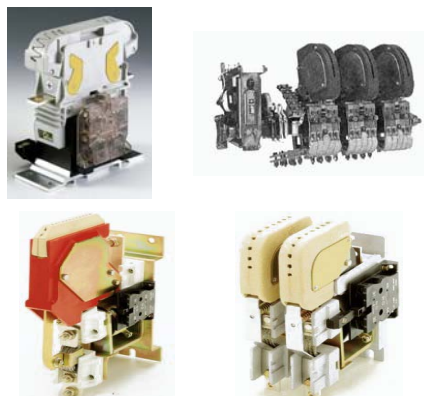


CT's are available in all standard ratios in your choice of mounting and termination. Products are UL recognized and conform to ANSI C57.13.

PT's are available in 5KV and 600V Class and are available in most standard ratios.

Standard and custom shunts are available in a variety of ratings, types and configurations.

DC CONTACTORS



Contactors are Microelettrica's largest product group, offering both standard and custom products. The company's traction contactors are used in mass transit systems worldwide. These products are used in tram and subway cars, as well as the latest high-speed and tilting trains. Increased attention is devoted to special applications, specifically designed for demanding users and OEM's.



ROTARY SWITCHES



These switches feature double break, silver alloy (gold optional) contacts with various ratings and high interrupting capacity for long life and reliable operation. The 'S' range of switches is rated through 315A,AC and incorporates a heavy-duty design offering steel shaft, steel through bolts and angled terminal screws. Additional options include: mountings, escutcheons and handles. Switches are UL and/or CSA approved. The 'M' range of switches is rated 20A @ 600V,AC and is ideally suited to OEM applications.

BATTERY CHARGERS



A complete offering providing manual or fully automatic, heavy duty, current limited, charging of vented lead acid or NiCad batteries. The units are typically used in a wide range of industrial charging applications, including standby engines, pumps, generators and cyclic battery charging. Available in ranges through 60A, DC. Optional charge fail relay output, under volt and over volt alarms and boost mode.



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