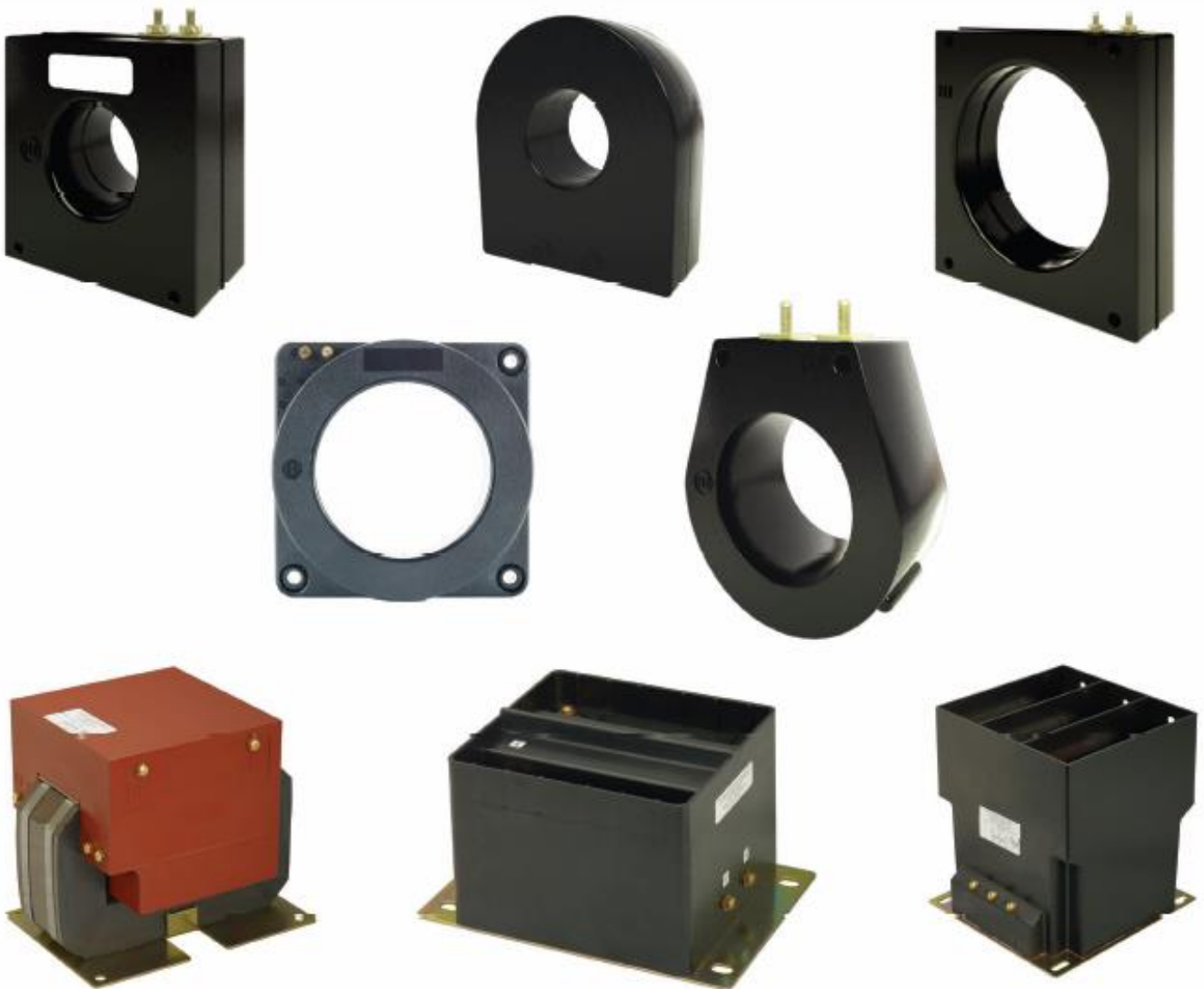


MAGNETICS

Current and Voltage Transformers



High Quality Current and Voltage Transformers

Current Transformers – 720V IEC / 600V ANSI Class

Frequency: 50 – 400 Hz

Insulation Level: 600 Volts, 10 kV BIL full wave

Applications: Ammeters, wattmeters, cross current compensation, energy management systems and instrumentation, relaying and metering.

- ✓ Wide range of round, rectangle windows or DIN windows available.
- ✓ Available in many different sizes, with or without mounting feet.
- ✓ Plastic case or encapsulated construction.
- ✓ Secondary can be leads, terminals or pins.
- ✓ Designed to meet the requirement of ANSI or IEC standard.
- ✓ Single ratio or multi ratio models are available with various secondary termination options (leads, terminals etc).
- ✓ Bushing CT designs available.
- ✓ Wide range of ratios: 50:5 to 6000:5 (1amp Secondary available).
- ✓ Various secondary currents are available.



Voltage Transformers – 600V Class

Frequency: 50 Hz standard, 60 Hz available

Insulation Level: 600 Volts, 10 kV BIL full wave

Available Primary Voltage Ratios: 69.3V, 120V, 208V, 240V, 277V, 288V, 300V, 346V, 480V, 600V and 690V (1ph and 3ph available)

Standard Secondary Voltage: 120 Volts

- ✓ Wide range of ratios with 120V secondary voltage (other secondary voltage available).
- ✓ Single Phase or Three phase designs.
- ✓ Resin filled plastic cased construction.
- ✓ Line to line or Line to Neutral designs.
- ✓ Can be supplied with or without primary fuses.
- ✓ Single or multi secondary options are available.
- ✓ Designed to meet IEEE ANSI or IEC standard.



Low Voltage and Medium Voltage

Medium Voltage Transformers – 2.3 to 15kV

Frequency: 50 Hz (60 Hz available)

Primary Voltage: 2.3 to 15 kV

Secondary Voltage: 120 Volts

- ✓ Single phase or three phase construction.
- ✓ Single or two bushing designs.
- ✓ Wide range of ratios with 120V secondary as standard (other secondary voltages available).
- ✓ Vacuum resin encapsulated construction.
- ✓ Various mounting options.
- ✓ Can be supplied with or without primary fuses.
- ✓ Type test data available for BIL, Partial Discharge and other tests.



Medium Voltage Control Power Transformers – up to 6.9 kV

Frequency: 50 Hz (60 Hz available)

Primary Voltage: up to 6.9 kV

Secondary Voltage: 120 Volts (other secondary voltages available)

- ✓ Supplied with or without fuses.
- ✓ Wide range of ratios with 120V secondary as standard.
- ✓ Other secondary voltages available.
- ✓ Dual ration options available.
- ✓ Vacuum, resin encapsulated construction.
- ✓ Type test data available for BIL, Partial Discharge and other tests.



Please contact us for custom CT's and VT's



About Motortronics

With over 40 years of specialising in the manufacturing of solid state AC motor controls and motor protection products, Motortronics is a world-wide leader, second to none. Having shipped millions of solid state starters and controllers to virtually all industries around the world, we have amassed more real world experience than any other manufacturer in the business. Founded in 1982, Motortronics was born out of innovation. We were the first company in the world to produce a digital 3-phase energy saving soft starter and have never stopped innovating since.

Custom Engineering:

Medium Voltage Line-ups, Breaker sections, Disconnect Sections, Across the line Systems, w/wo VFD or transformer feeder sections. OEM Panel Design and brand labelling for all major industries, such as HVAC, Water, Wastewater, Oil & Gas, Marine, Manufacturing etc.. Motor Control Design for LV and MV motors, such as Brush-type packages, Wound Rotor packages, Sync Exciter packages etc.. Control system Design with PLC and Communication etc.. Phase and Heater Controls for LV and MV applications. Solutions for unique applications.

Testing:

- Panel manufacturer
- In-house Engineering, design validation and development
- Factory Acceptance Testing (Virtual available)
- Motor starting and voltage drop analysis
- Lab testing (R&D)
- Hi Pot / Dielectric strength testing
- Full load thermal / Heat-run testing
- Full voltage active starter testing on motors
- Impulse level testing

Training / Commissioning:

- Factory certified in-house hands on training
- Customer in-house training (Lunch and Learn / Virtual available)
- Onsite or virtual commissioning available with year extended warranty with start up.

Other Products

- Low Voltage Soft Starters
- Medium Voltage Soft Starters
- AC Drives
- Electronic Motor Brakes
- Motor Protection
- Motor Winding Heater Control



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