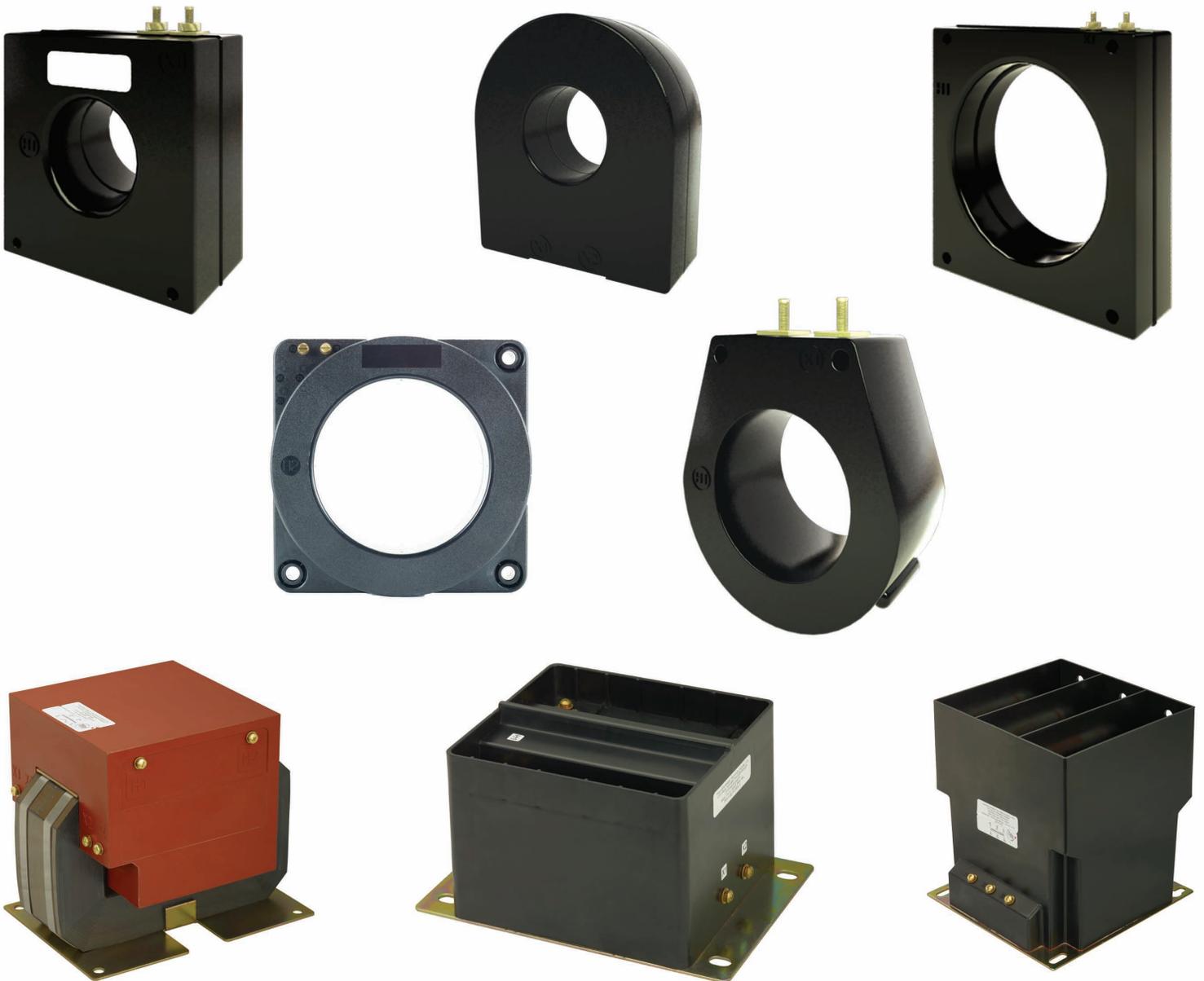


MAGNETICS

Current and Voltage Transformers



High Quality Current and Voltage Transformers

Current Transformers - 600V 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 (1 amp Secondary available).
- ✓ Various secondary currents are available.



Voltage Transformers - 600V Class

Frequency: 60 Hz standard, 50 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 15 kV

Frequency: 60 Hz

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.
- ✓ 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: 60 Hz (50 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 ratio options available.
- ✓ Vacuum, resin encapsulated construction.
- ✓ Type test data available for BIL, Partial Discharge and other tests.



Please contact us for custom CTs and VTs

About Phasetronics

With over 42 years of specializing in the manufacturing of solid state AC motor controls and motor protection products, Phasetronics 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, Phasetronics 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-labeling 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:

UL 508 and ETL certified panel manufacturer
In-house Engineering, design validation and development
Factory Acceptance Testing (Virtual available)
Motor Starting and Voltage Drop Analysis
UL and ETL Testing
Lab Testing (R & D)
Partial Discharge (PD) / Corona Testing
Hi-Pot / Dielectric strength Testing
Full load thermal / Heat-run testing
Full voltage active starter testing on motors up to 15 KV
Impulse Level Testing up to 300kV

Training / Commissioning:

Factory Certified In-house Hands on Training
Customer In-house Training (Lunch and Learn, Virtual available)
Onsite or virtual commissioning available w/ 3 year extended - warranty with start-up

Other Products

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



CORPORATE HEADQUARTERS

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