

Ashmor

**INSTRUMENT TRANSFORMERS
METERING AND PROTECTION
IS / IEC STANDARD**



Ashmor ELECTRICALS (INDIA) PVT. LTD.

Works & Admin. Office

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Ring Type

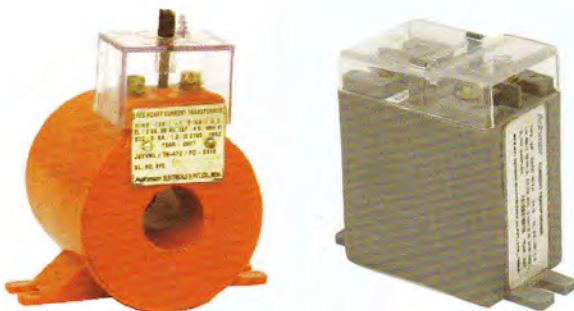
Tape Insulated (Round / Rectangular)

- For Metering or Protection Application.
- Primary Rating - 50 A onwards.
- Secondary Rating - 1 A. or 5 A.
- Burden in VA - As required.
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.
- Special Protection Class PS
- STC Rating as per Customer's requirement.
- Multi core, Multi ratio C.T.s can be offered.
- Special Rating can be offered.

Wound Primary Type

Tape Insulated

- For Metering or Protection Application
- Primary Rating - 1 A. to 150 A.
- Secondary Rating - 1 A. or 5 A.
- Burden in VA - As required.
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.
- Special Rating can be offered.
- Special Protection Class PS
- Multi core, Multi ratio C.T.s can be offered.
- STC Rating as per Customer's requirement.
- Primary Terminals - Brass or Copper Terminals/Bar.



Ring Type / Wound Primary Type

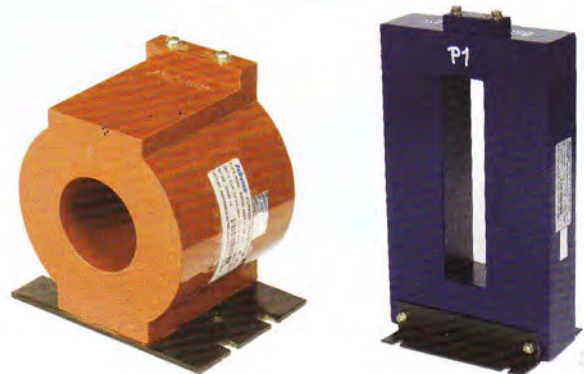
Plastic Encapsulated

- For Metering or Protection Application.
- Primary Rating - Ring Type - 50 A onwards.
Wound Primary - 1 A to 150 A.
- Secondary Rating - 1 A. or 5 A.
- Burden in VA - As Required
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.

Ring Type

Resin Cast (Round / Rectangular)

- For Metering or Protection Application.
- Primary Rating - 50 A onwards.
- Secondary Rating - 1 A. or 5 A.
- Burden in VA - As required.
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.
- Special Protection Class PS
- STC Rating as per Customer's requirement.
- Special Rating can be offered.
- Multi core, Multi ratio C.T.s can be offered.





Wound Primary Type

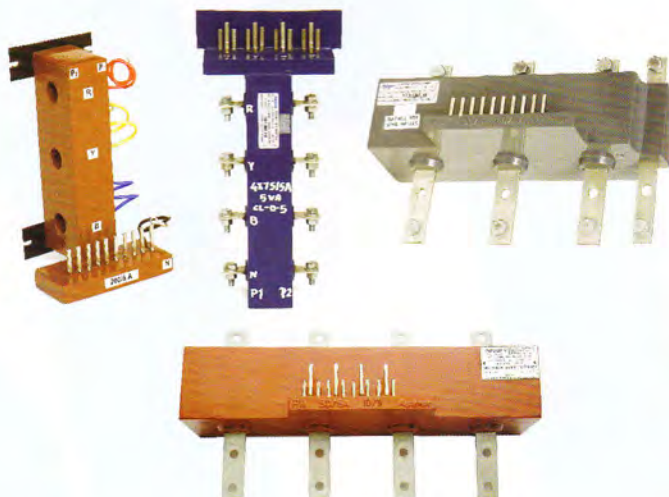
Resin Cast

- For Metering or Protection Application.
- Primary Rating - 1 A. to 150 A.
- Secondary Rating - 1 A. or 5 A.
- Burden in VA - As required.
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.
- STC Rating as per Customer's requirement.
- Primary Terminals - Brass or Copper Terminals/Bar.
- Multi core, Multi ratio C.T.s can be offered.

Summation

Tape Insulated / Resin Cast.

- For Metering Application.
- Primary Rating - 1 A. or 5 A.
- Secondary Rating - 1 A. or 5 A.
- Burden in VA - As required.
- Class of Accuracy: Metering 0.1, 0.2, 0.5, 1.0
- Primary & Secondary Terminals - Brass Terminals
- No. of Primary Windings - As per requirement, generally 2, 3, or 4.



Wound / Bar Primary Type

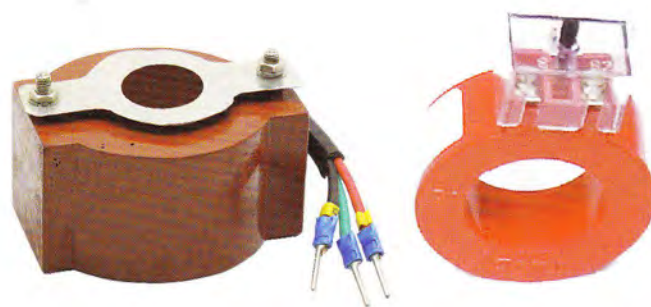
3 Ph. / 4 Ph. C.T. Block / C.T. Bank

- For 3 Ph. / 4 Ph. metering Application
- Almost pilfer-proof
- Easy Installation
- All Phases and Neutral are casted in a single casting
- The neutral & potential leads are brought out from inside the casting
- The secondary terminals can be casted to match meter terminal block to avoid secondary cross connections.
- Very useful for Electricity Boards / Utilities.
- Class of Accuracy - 0.1, 0.2, 0.5, 0.2S, 0.5S.

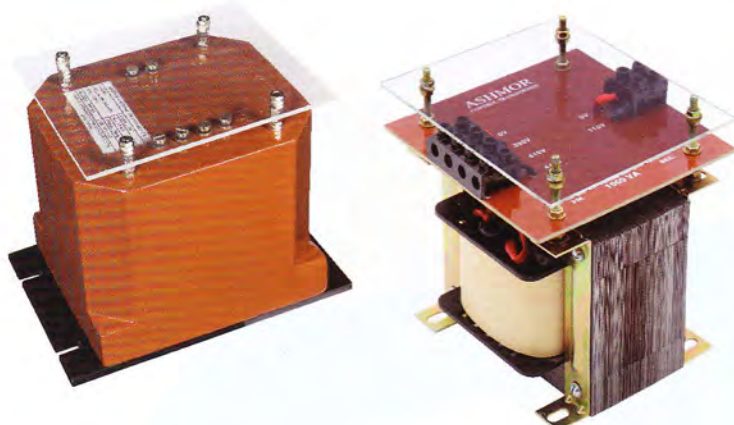
C.T. for Outdoor Applications:

Outdoor Resin Cast / Resin Filled UV Protected Plastic Encapsulated :

- For Metering or Protection Application.
- Primary Rating - As per Customer's requirement.
- Secondary Rating - As per Customer's requirement.
- Burden in VA - As per Customer's requirement.
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.
- STC Rating as per Customer's requirement.
- Special Rating can be offered.
- Multi core, Multi ratio C.T.s can be offered.



Indoor Potential/Control Transformer

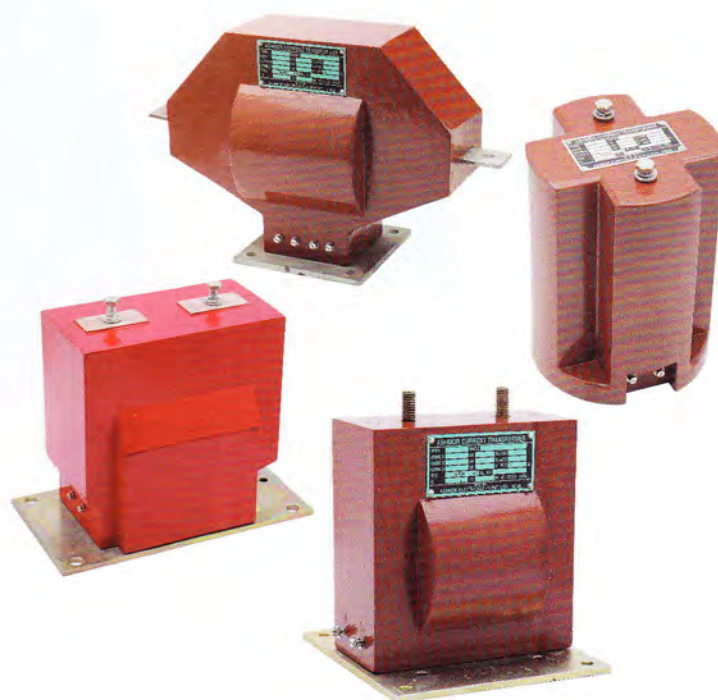


Potential / Control Transformer

- Resin cast / Varnish Impregnated
- Measuring / Protective Voltage Transformer
- Primary Voltage : as per Customer's requirement
- Secondary Voltage : as per Customer's requirement
- Burden : upto 5 KVA
- Class of Accuracy : 0.1, 0.2, 0.5, 1.0, 3.0
3P, 6P, 5PR, 10PR

MV (Upto 11KV) Indoor Resin Cast Current Transformer :

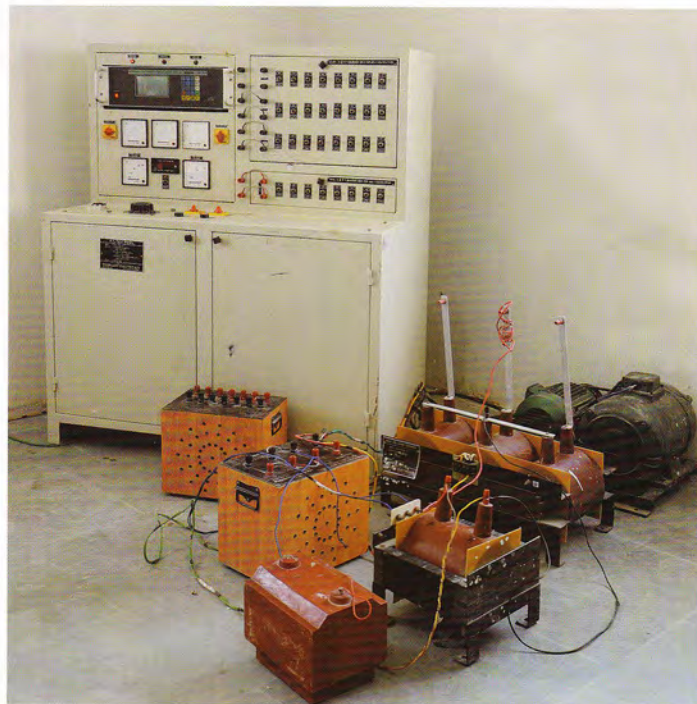
- For Metering or Protection Application
- Primary Rating - as per Customer's requirement.
- Secondary Rating - as per Customer's requirement.
- Burden in VA - as per Customer's requirement.
- Class of Acc. : Metering - 0.1, 0.2, 0.2S, 0.5, 0.5S, 1.0, 3.0, 5.0.
Protection - 5 P, 10 P, 15 P.
- Special Rating can be offered.
- Special Protection Class PS
- Multi core, Multi ratio C.T.s can be offered.
- STC Rating as per Customer's requirement.
- Primary Terminals - Brass or Copper Terminals/Bar.



MV (Upto 11KV) Indoor Resin Cast Potential Transformer :

- Measuring / Protective Voltage Transformer
- Primary Voltage : as per Customer's requirement
- Secondary Voltage : as per Customer's requirement
- Burden : upto as per Customer's requirement
- Class of Accuracy : 0.1, 0.2, 0.5, 1.0, 3.0
3P, 6P, 5PR, 10PR

TESTING FACILITY





- Instrument Transformer are made with high grade, cold-rolled, Grain oriented, silicon steel for reliable and consistent performance.
- Winding is of Super enamelled copper winding wire.
- Quality checks at various stages of manufacturing to ensure high quality standards.
- Testing on fully automatic, micro-processor based test-set.
- Type test reports can be provided.
- Class PS C.T.s can be offered on enquiry.
- Mounting Brackets or Plates can be provided on request.
- C.T.s can be manufactured as per **IS/IEC**.

With Order / Enquiry, Please specify :

For Current Transformer:

- Ratio : Rated Primary Current/Secondary Current
- Rated Burden, Class of Accuracy
- System Voltage & frequency
- Accuracy Limit Factor (ALF)
- Instrument Security Factor (ISF)
- Minimum Knee Point Voltage (VK) and limiting excitation current for Class PS (Special Purpose) C.T.s.
- Insulation level.
- Type of Insulation (Resin Cast, Plastic Encapsulated or Tape)
- Busbar or cable size and any other limiting dimension
- Any optional requirement like mounting brackets / plates, Secondary terminals of long leads / brass terminals, etc.

For Potential/Control Transformer:

- Ratio : Rated Primary Voltage / Rated Secondary Voltage
- Rated Burden
- Class of Accuracy
- Insulation level
- Type of Insulation (Resin Cast / Varnished)
- Continuous Voltage factor
- Single Phase / Three Phase (Details of Connection)
- Dimension Limitations
- Any optional requirement like mounting bracket / plate, special primary & secondary termination, Fuse etc.