

**25 KV AC / 3 KV DC**  
**COMBINED CURRENT & VOLTAGE ELECTRONIC TRANSDUCER**  
**EN 50463 CERTIFIED FOR ENERGY METERING**  
**WITH CUSTOM OUTPUTS FOR TRAIN CONTROL & SYNCRONIZATHION**



Type **PM25 - CERBERO**





# 25 KV ac & 3 KV dc COMBINED ELECTRONIC TRANSDUCER FOR RAILWAY INSTALLATION ON ROLLING STOCK

## Standards:

- EN 50155..... Electronic equipment used on rolling stock
- EN 50124-1..... Distance in air and surface distance
- EN 50125-1..... Environmental conditions
- EN 50153..... Protection measures against risk of electrical shock
- EN 50121-3-2..... Electromagnetic compability for rolling stock equipment
- EN 45545 ..... Requirements for fire behaviour of materials and components
- EN 50163..... Railway systems supply voltage
- EN 61373..... Shock and vibration test conditions
- EN 50463..... Energy measurement on board train (Certified)**

## Technical characteristics:

- Primary voltage:..... 25 kVac 50 Hz / 15 kVac 16,67 Hz / 3 kVdc
- Secondary output..... +/- 200 mA for current AC - 0-50 mA for Voltage AC & DC - CUSTOMIZABLE
- Primary current:..... on demand - Customizable
- Secondary connectors..... Configured for synchronization and train control (min/max voltage/current AC/DC)
- Short time thermal current: 16 kA for 1 s
- Insulation level:..... 36 / 70 /170 kV
- Secondary Terminals..... Connectors HARTING
- Fixing Plate:..... Stainless steel aisi 304 ( aisi 316 on demand )
- Insulation..... Silicone resin
- Weight:..... 40 kg abt.
- Working Temperature:..... from -40°C to +70°C

## Dimensions: (mm)

