



## EC - DECLARATION OF CONFORMITY

**Manufacturer:** Entes Elektronik Cihazlar İmalat ve Tic. A.Ş.  
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This declaration of conformity is issued under the sole responsibility of the manufacturer.

**Product Model:** ENT.IST-xx, ENT.PST-xx, ENT.AxxMN, ENT.ABx, ENT.Axxx, ENT.AxxxT, ENS.CYS-xx, ENS.AYS-xx, ENS.CCT-xx, ENS.AYC-xx, ENS.3PH-xx, ENS.3PHD-xx

**Product description:** **ENT.IST-xx:** Isolation transformers enable safe operation of devices by isolating the secondary part from the primary voltage. They have constant input and output voltages. (230V or 400V) They are generally used at places requiring galvanic isolation and to obtain a star point in networks without star points.  
**ENT.PST-xx:** Control transformers ensure the safe operation of measuring devices with 24V AC supply voltage for electric control panels. Input voltages of control transformers are either fixed (230 or 400V) or selectable with taps (400; 230 ±15)  
**ENT.AxxMN, ENT.ABx, ENT.Ax:** Current transformers are connected in series to the circuit to which it is connected and isolate the measuring instruments in its secondary circuit against high voltage.  
**ENS.CYS-x, ENS.CCT-x, ENS.AYS-x, ENS.AYC-x, ENS.3PH-x:** ENTES Split Core Current Transformers are measuring transformers which transform the primary current by a specified ratio to its secondary side with a phase difference of 0 degrees. They provide isolation of the relays and measuring devices from the HV side of the network.

**European Directives** 2014/30/EU: Electromagnetic Compatibility Directive (EMC)  
**Ref. No:** 2014/35/EU: Electrical Equipment - Low Voltage Directive (LVD)  
2011/65/EU and 2015/863/EU: RoHS Directive

The following harmonized European Standards, normative documents and guides have been applied.

**Standards:** **TS-EN 60068-2-1:** Environmental testing - Part 2-1: Tests - Tests A: Cold  
**TS-EN 60068-2-2:** Environmental testing - Part 2-2: Tests - Test B: Dry heat  
**TS-EN 60068-2-30:** Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12h+12h cycle)  
**TS 3033 EN 60529:** Degrees of protection provided by enclosures (IP code) (For electrical equipments)  
**TS EN 60027:** Letter symbols to be used in electrical technology  
**TS EN 62262:** Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)  
**TS EN IEC 61000-6-2:** Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments  
**TS EN IEC 61000-6-4:** Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards; Emission Standard for Industrial Environments  
**TS EN IEC 61558-1:** Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests  
**TS EN IEC 62041:** Transformers, power supplies, reactors and similar products - EMC requirements  
**TS EN 61869-1:** Instrument transformers - Part 2: Additional requirements for current transformers  
**TS EN 61869-2:** Instrument transformers - Part 2: Additional requirements for current transformers  
**EN IEC 63000:2018:** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Details of signatory:** Quality, Test and Certification Director

**Company stamp:**

**Signature:**

**Date:**

17/04/2024

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