



# Technical Characteristics

purchase code : **TTI2K160**

## **Presentation**

|                       |  |
|-----------------------|--|
| Product type          | <b>Three-phase Isolation transformer for generic use</b> |
| Rated Power           | 160 KVA  |
| Primary voltage       | 400 V  |
| Secondary voltage     | 230 V  |
| Connection            | $\Delta$ YN  |
| Operating temperature | -20°..... +40°C  |
| Standard              | CEI EN 61558-1   |

## **Technical Characteristics**

|                       |   |
|-----------------------|---|
| Magnetic core         | made with low loss magnetic plate   |
| Electrostatic screen  | not present   |
| Electrical contacts   | made, depending on the power, with terminals and/or bar and/or terminals. |
| Input voltage limits  | 360...440 V   |
| Frequency limits      | 47.... 63 Hz  |
| Thermal class         | H   |
| Insulation class      | H   |
| Security class        | I   |
| Insulation resistance | >10 M $\Omega$  |
| Altitude              | 1000 m  |
| Degree of protection  | IP 00   |
| Width [mm]]           | 810   |
| Height [mm]           | 650   |
| Depth [mm]            | 360   |
| Product weight [Kg]   | 535   |



|                     |   |
|---------------------|---|
| Dielectric strength | 5000 V between windings for 1' at 50Hz<br>5000 V between windings and earth for 1' at 50Hz              |
| Cooling             | AN  |
| Marking             | CE  |
| Type of protections | for overvoltage, overload, short circuit:<br>provide for the insertion of specific fuses<br>or switches |
| Connection          | with bolts  |

### **Packaging**

|                             |        |
|-----------------------------|--------|
| Package unit of measure     | PCS    |
| Number of units per package | 1      |
| height [mm]                 | 670    |
| width [mm]                  | 1200   |
| depth [mm]                  | 800    |
| weight [kg]                 | 555,00 |

### **Accessories**

|          |                                 |
|----------|---------------------------------|
| Box:     |                                 |
| code     | C100N                           |
| typology | in metal IP23 powder coated RAL |
| cooling  | with optional fans              |

### **Warranty**

12 months



#### INFORMATION NOTES

The information in this sheet represents the product in general, is purely indicative and cannot be used to determine the possibility of use or the reliability of the product in case of specific applications. It is the user's responsibility to perform risk assessment, as well as product evaluation and testing for specific applications.  
The New C.T.A. is not responsible for the incorrect use of the information contained in this document.

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