

# Technical Characteristics

purchase code : **TTFLT.100K**



## Presentation

Product type	<b>Three-phase Isolation transformer for special use</b>
Rated Power	100 KVA
Primary voltage	400 V
Secondary voltage	400 V
Connection	$\Delta$ YN o YNYN
Electrostatic screen	Yes
Operating temperature	-20°..... +40°C
Standard	CEI EN 60076-11

## Technical Characteristics

Magnetic core	made with very low loss magnetic plate (Grain Oriented).
Electrostatic screen	made of copper band, positioned between primary and secondary and connected to ground.
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
Efficiency [%]	98,1
No-load losses [W]	440
Load losses [W]	1440
Thermal class	F
Insulation class	H
Security class	I
Insulation resistance	>10 M $\Omega$
Altitude	1000 m.s.l.m
Degree of protection	IP 00
Width [mm]	600
Height [mm]	650
Depth [mm]	380
Product weight [Kg]	380

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

### **Packaging**

Package unit of measure	pcs
Number of units per package	1
height [mm]	670
width [mm]	800
depth [mm]	600
weight [kg]	400

### **Accessories**

Box:	
code	C100
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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