

# **DATA SHEET**

## **TRK2-35**

Description: TR.K2 220-240V 50/60Hz 0,3A 2x12kV 35mA 50% V D

#### GENERAL CHARACTERISTICS

The transformer is produced in conformity with the European Standard EN61558-2-3:2011-04 in compliance with the Directive 2014/35/EU; it is compliant with Directive 2014/30/EU (EMC), in conformity with EN55014-2:1997/A2:2008. The conformity to EN 55014-1: 2006/A2:2011, must be tested on the application where the transformer is applied. It undergoes to the directives 2011/65/UE (RoHS II) and 2015/863/EC (RoHS III) and it didn't contain any of SVHC substances of the ECHA list as the Regulation (EC) N°1907/2006 (REACH). The production is controlled by the monitoring procedure according to Regulation (EU) 2014/35 Annex III Module A. Every single transformer at the end of its production is tested. It is equipped with an input filter with Y2 capacitors. It must be used with a control unit. It must be installed in airy location. An high voltage symbol with yellow color filling must be applied near the device. The transformer is CE marked.

#### **RATED DATA**

Primary Supply Voltage E [V]	220-240 V
Frequency [Hz]	50/60 Hz
Power [W]	65 W
Maximum Current [A]	0,3 A
Secondary Peak Voltage at open circuit [kV] ± 10%	2x12 kV
Secondary Current in short circuit RMS [mA]	35 mA
Minimum secondary current RMS [mA]	20 mA
Duty Cycle	50% su 2'
Run Time [ms]	
Approvals	C€
Operating Ambient Temperature [°C]	+60/-20 °C

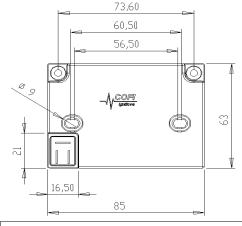
#### **MECHANICAL DATA**

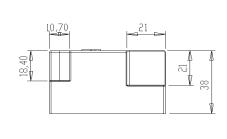
External enclosure	Epoxy thermosetting resin
High Voltage output	Vertical
High Voltage connections	Plug Ø 4mm
Storage Temperature [°C]	-20/+85 °C
Weight [kg.]	0,334 Kg
Packaging	20 pcs box
IP code	IP 00

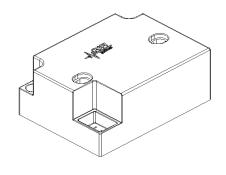
### PRIMARY CONNECTIONS

Low Voltage connection	Plug D
Input	Faston 6,3x0,8

### **DIMENSIONS**







Date 15/05/2023 v. 1.0 Paolo Comin