

## EC DECLARATION OF CONFORMITY (DoC)

Manufacturer ORION ITALIA SRL  
Address: Via Orsi 35 29122 Piacenza PC Italy

We declare under our responsibility for issuing this declaration of conformity in relation to the following products:

Product Description Current Sensor (toroidal coil) with RD-1 Earth Leakage Relay  
Model: TARD + RD1  
(TARD-060-CS TARD080-CS TARD110-CS TARD110-AS TARD160-AS  
TARD210-AS)

For the above Product(s) is hereby declared that it conforms to the essential requirements of the harmonization legislation below:

Electromagnetic compatibility (2014/30/EU) 14 October 2014

Low voltage (2014/35/EU) 26 February 2014

Harmonized standards used for the combined TARD + RD1:

Immunity tests Reference standard: EN 50263

Radiated emissions: EN 55022

Conducted emissions: EN 55014

Conducted disturbances induced by RF field.: EN 61000-4-6

Radiated electromagnetic field: EN 61000-4-3

Electrostatic discharge: EN 60255-22-2

Fast transients (burst): EN 60255-22-4

Surge: EN 61000-4-5

Voltage dips and short interruptions: EN 60255-11

HF disturbances: EN 60255-22-1

Insulation tests: Dielectric Test2kV 50/60Hz for1 min, reference EN 60255-5 Pulse Test5kV (d.m.) 2kV (c.m.), reference EN 60255-5

The "PROTECTION RELAY RD1A TOGETHER WITH THEIR CORE SENSOR TARD" satisfy requirements of the standards concerning safety and electromagnetic emission, in reference to the directives about Electromagnetic compatibility and Low voltage.

Piacenza, February 25th 2021

Place & date of Issue

**ORION ITALIA S.r.l.**  
Via Orsi, 35 / 29122 Piacenza (Italia)  
Tel. 0523.511161 Fax 0523.593898  
C.F. e P.IVA: 01552780338

General Manager