



DMT14 Electronic earthing system

Protection mode:

Type of protection: II 2GD Ex d [ia] IIB+H2
 Class of temperature: T6
 Protection degree: IP66
 Ambient temperature: -20/+40°C
 Zones : 1-2-21-22



Description:

Electronic Earthing System is composed of one IIB aluminium alloy enclosure (EJB 8A type) inside which there is an electronic resistance/capacitance device and externally a support hook, an earthing clamp, complete with 8 m of cable, to measure and check the continuity towards the earth, aiming to eliminate the electrostatic charges.

Enclosure has on the cover a green and a red pilot light as agreement or refuse to proceed.

Its modularity by jumpers or trimmers placed on the electronic card, allows the selection of different capacity or resistance sensibility levels.

Technical data:

External enclosure: body and cover in aluminium alloy.
 Screws in stainless steel.
 Cable: 8m 3x3 mm² hydrocarbon resistant.
 Inhibiting treatment, External painting: RAL 7005
 Rated current: 230VAC

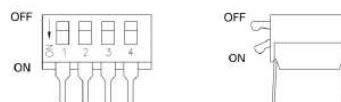
Dip SW 1	Dip SW 2	Range
OFF	OFF	Test
OFF	ON	0 ÷ 500 Ω (default)
ON	OFF	450 ÷ 4.7kΩ
ON	ON	4.65 kΩ ÷ 12kΩ

Table 1. Resistance range

Dip SW 3	Dip SW 4	value
OFF	OFF	Capacitance test disabled
OFF	ON	2900 pF (default)
ON	OFF	5000 pF
ON	ON	10000 pF

Table 2. Minimum capacitance value

DMT- resistance and capacitance calibration



Dip switch front and lateral view