



JUNCTION BOX

32-01-05.0109



TYPE: AC DEHN 10,1-20A C25/3 TI+2+3 IP65

Application:

- indoor and outdoor (IP 65)
- protection of photovoltaic panels
- protection of inverters

Features:

- UV resistant
- protection class II
- maximum operational voltage: 255 V AC

Switchgear description

Junction box including:

- 1 x surge arrester DEHN Type 1+2, 3-phase, dedicated for a TNS network, with parallel connection of the main spark gap with varistor system and an additional gas spark gap (such connection arrangement is in the case of each phase between L-PE and N-PE connections),
- 1 x overcurrent circuit breaker Schneider Electric, 3-pole, with "C" characteristics and the rated current 25 A,
- 1 x PE cable, 0.5 m long, terminated with a pressed-in lug.

The whole system is dedicated to the protection of the PV system on the inverter's alternating current side.

The product meets the requirements of the following EC directives:

- 2014/35/EU Health and safety risks of electrical equipment (Journal of Laws, no 96 of 2014).
- 2006/EC (LVD) Low voltage electrical equipment (Journal of Laws, no 155, item 1089 of 2007).
- 2014/30/EU (EMC) Electromagnetic compatibility (Journal of Laws, no 96, item 79 of 2014).
- 2009/137/EC Measuring instruments (Journal of Laws, no 294, item 7 of 2009).
- 2000/95/EC Low Voltage Directive
- EMC 2004/108/EC European directive