

Product Data Sheet: 32-01-05.0112



**Type: AC DEHN 38, 1-53A C63/3
T1+2+3 IP65**

Overvoltage protection
Lightning protection
DEHN safety equipment

Application:

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

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Features:

- UV radiation resistant
- Protection class II
- Maximum operation voltage - 255 V AC

Description of switch-gear:

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 63 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).
- 2006/95/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