



## JUNCTION BOX 32-01-05.0102



### TYPE: DC/1/T2/0/A

#### Application:

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

#### Features:

- UV resistant
- protection class II
- maximum operational voltage: 1000 V

#### Switchgear description:

Junction box with one surge arrester DEHN, catalogue number 952 510 (type 2 to 1000V), dedicated for the protection of one PV string. In addition, it includes genuine cable plugs MC4 Staubli (Multi-Contact) – one pair +/- for input/output to the junction box from the panels' side; second pair +/- for input/output from the junction box to the inverter, dedicated for photovoltaic installations and a 0.5 m long PE cable terminated with a pressed cable lug.

#### Installation method:

- 1) Connect the solar cable (+) from PV panels to the I/TA+ plug
- 2) Connect the solar cable (-) from PV panels to the I/TA- plug
- 3) Connect the solar cable (+) to the O/TA(+) plug, routing it to the inverter input (+)
- 4) Finally, connect the solar cable (-) to the O/TA(-) plug, routing it to the inverter input (-)

A description of the plugs can be found on the bottom of the junction box.

#### 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