Mounting Instruction
NEMA NR010 Appliance Outlet

CONTENT

1   General

- The outer diameter of the wire (including insulation) must not exceed 3.6mm for 12AWG & 3mm for 14AWG wire.
- Use the cover or an assembly tool, to push the wires into the IDC terminals.
- The force required to push the wire into the IDC will depend on the wire used.
- The correct installation of the wires is essential for proper functioning of the NEMA NR010 in the end equipment.

2   Wires for IDC-contacts

3-119-048	1.5-2.5 mm^2 12-14 AWG	Insulated solid wire, single core

Insulation

For America: According to UL 758
For Europe: According to IEC 60228

Outer diameter shall not exceed Ø 3.5 mm.

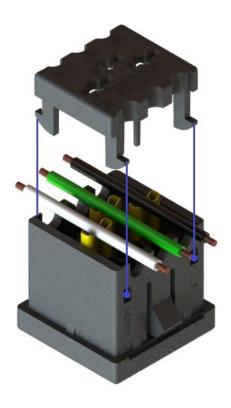| Engineering Documentation						Mounting Instruction NR010 IDC Terminals	
owner	creation date	release date	released by	change order no	rev	page	D10-040-577
lokhanze	24.10.2019	22.09.2020	vettersa	2020666	A	1 of 3	

3 Mounting instruction with the cover

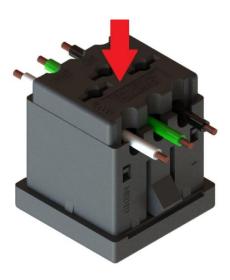1) IDC contacts must be clean and not twisted.

2 Bring wires in position.

3) Bring the cover in the right position.

4 Use the cover to press the wire down into the IDC contacts. The cover must snap-in with the body.
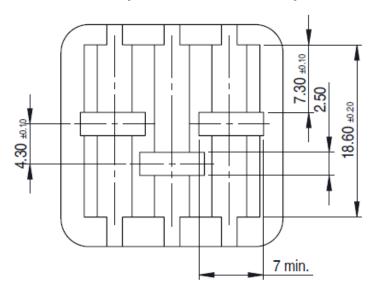
- The assembly force depends on the wires used and may require as much as 900N.
  - o For one wire force of 300N is required.
  - o Press the wires into the IDC terminals until the wires touch the plastic socket of NR010.
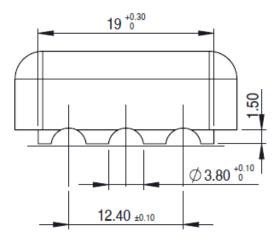- When using the cover be sure that it is properly mounted.

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4   DESIGN SUGGESTION FOR A MOUNTING TOOL

- When using an assembly tool we recommend the mentioned dimensions.
- The mounting is similar to the mounting with the cover.

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