

REDESIGN EL. BOX COVER FIXATION POINT AND IMPLEMENT EL. BOX M4 FLANGE NUT

Nidec Global Appliance / Embraco would like to inform its customers about the change of electrical box design consisting of 2 modifications described below.

Reason for the change is standardization of the production of all internally produced electrical boxes 1270xxx and 1272xxx.

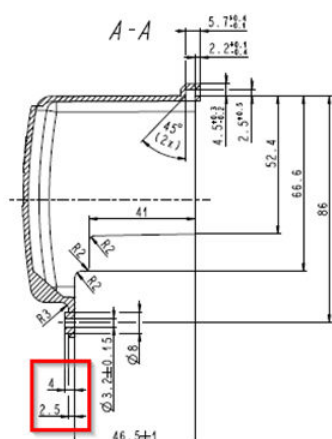
1. Redesign of electrical box cover fixation point (single screw side)

There was added material to relay cover in the region of its fixation to box's body and consequently applied longer fixing screw as shown on drawing below.

Current state

Cover material thickness 2.5mm and 4mm.

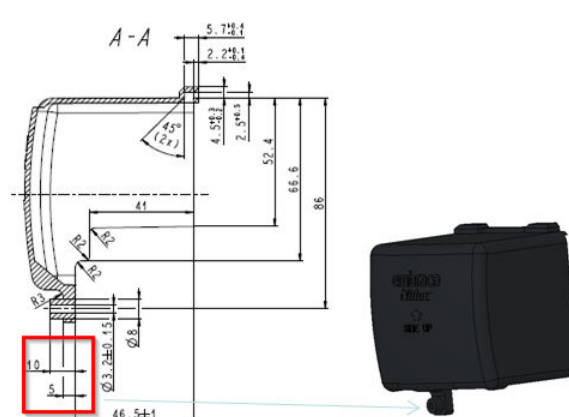
Screw: 2206045 - 11mm.



Proposed state

Cover material thickness 5mm and 10mm.

Screw: 2206042 - 16mm.



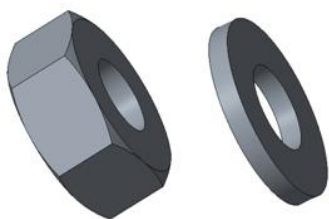
REDESIGN EL. BOX COVER FIXATION POINT AND IMPLEMENT EL. BOX M4 FLANGE NUT**2. Implementing M4 flange nut for grounding**

New M4 flange nut will replace currently used nut & washer to tight the grounding of the electrical box.

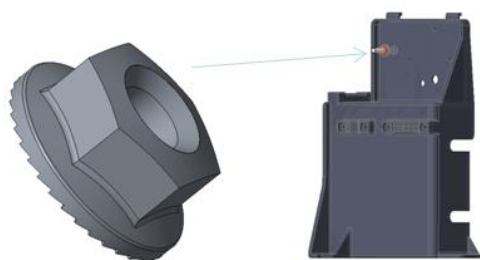
Current state

Nut M4: 2203014

Flat Washer: 2211042

**Proposed state**

FLANGE NUT M4: 2203037



Codes of electrical boxes and final BOMs of compressors will remain unchanged.

The change will impact NE/ NT/ NJ compressors families and also condensing units.

This change has no influence on compressor's (or condensing unit's) cooling performance, reliability, quality, external dimensions, assembly process and certificates.

During the phase-in / phase-out period it is possible to receive electrical boxes in the current state or combination of current state and new proposal.

Manufacturing site: Embraco Slovakia s.r.o.

Implementation: January 2023

For further information, please contact our Technical Support team.