

OSM/IN DECISION

Standard: EN 60670-1:2005	Sub clause: 15.3	Sheet N°: OSM/IN 250
Subject: Impact test on boxes provided with knock-outs	Key words: - knock-outs	Meeting N°: 19 (2009) Item: 6.5

Question:

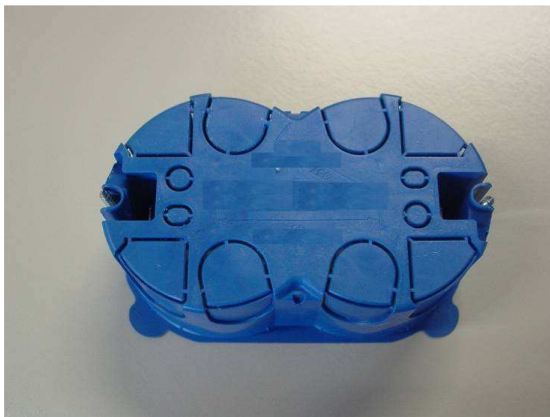
Rear surfaces of boxes or enclosures classified according to 7.2.3.2 (considered as parts A in Table 7) are subjected to an impact test applying 5 blows.

According to the standard:

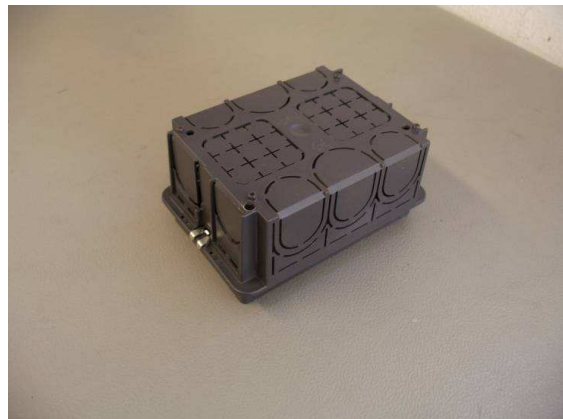
“The blows shall not be applied to:

- *knock-outs or to an area within 10 mm of them,*
- *other parts not necessary to achieve the declared IP of the enclosure,*
- *accessories and equipment complying with the relevant standards,*
- *fixing means recessed below the surface, that are not subject to impacts in normal use.”*

How to apply these requirements on boxes A and B below?



box A



box B

Decision:

As a consequence of the requirements contained in sub-clause 15.3:

- box A shall be subjected to impact test;
- box B is excluded.

Explanatory notes:

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