

## OSM/IN DECISION

<b>Standard:</b> EN 61009-1:2004	<b>Sub clause:</b> G.4.1 – G.5.4 (Annex G)	<b>Sheet N°:</b> OSM/IN 245
<b>Subject:</b> Missing requirements for r.c. units declared not suitable for disassembling	<b>Key words:</b> - r.c. unit; -disassembling	<b>Meeting N°:</b> 19 (2009)  <b>Item:</b> 9.2
<p><b>Question:</b> Amendment A13 to EN 61009-1:2004 does not deal with residual current units declared not suitable for disassembling.</p> <p><b>Decision:</b> Sub-clauses G.4.1 and G.5.4 shall be amended as follows (modifications introduced are highlighted in green):</p>		
<div style="border: 1px solid black; padding: 10px;"> <p><b>G.4.1 General</b>            The design shall be such that it shall be possible to assemble the RCBO on site            Design may be such that the device may be disassembled on site in accordance with the manufacturer's instructions. <b>or</b>  <b>For devices declared not suitable for disassembling, the disassembly shall leave permanent visible damage</b></p> <p><b>Verification</b> <b>Compliance</b> is <b>checked by inspection or</b> by tests according to G.5.4 <b>as applicable</b></p> <p><b>G.5.4 Verification of marking and constructional requirements of RCBOs</b>            Compliance with the requirements of G.3.1, G.3.2, G.3.3, G.4.1, G.4.2, G.4.3 and G.4.4 shall be checked by inspection and manual test, as applicable.</p> <p><b>For devices declared suitable to be disassembled,</b> compliance with the requirements of G.4.1 <b>for the correct assembling and disassembling</b> is checked by the following test to be performed at the beginning of test sequence D0 in table A.1.</p> <p style="margin-left: 40px;">The number of samples shall be in accordance with test sequence D0+D1 in table A.3</p> <p style="margin-left: 40px;">The r.c. unit and compatible circuit-breakers as declared by the manufacturer has to be assembled disassembled 5 times. The r.c unit and the compatible circuit-breaker is then reassembled and used for the test of test sequence D0.</p> <p style="margin-left: 40px;">After each assembly the correct operation of the combination shall be verified by using the test button. The RCBO shall trip each time.</p> <p><i>Compliance with the requirements of G.4.3 is checked by inspection</i></p> </div>		
<p><b>Explanatory notes:</b> This OSM/IN decision is based on a proposal for a new text relating G.4.1 and G.5.4 of EN 61009-1:2004 (Annex G), contained in document “CLC TC23E WG1 (sec) 031 Report”, agreed by CLC/TC 23E during the 24<sup>th</sup> meeting held in Brussels on November 12<sup>th</sup>, 2009 (item 6.3, doc. TC23E/Sec0170/RM). This OSM/IN decision remains in force until the new edition of EN 61009-1 will be published.</p>		