

OSM/IN DECISION

Standard: EN 61009-1:2004 + A11:2008 + A12:2009 + A13:2009	Sub clause: Annex ZD	Sheet N°: OSM/IN 255
Subject: Reference values for the classification of RCBOs into energy limiting classes	Key words: Energy limiting classes	Meeting N°: 20 (2010) Item: 3.3.2 e)
Question:	<p>According to Annex ZD “<i>The maximum I^2t values measured in accordance with 9.12.11.4 serve as reference values for the classification</i>” of RCBOs into energy limiting classes (1, 2 or 3). Sub-clause 9.12.11.4 is composed by several short-circuit tests:</p> <ol style="list-style-type: none"> 1) Test at rated residual making and breaking capacity (9.12.11.4 d) 2) Tests at service short-circuit capacity (9.12.11.4 b) 3) Tests at rated short-circuit capacity (9.12.11.4.c) <p>In tables ZD.1 and ZD.2 the maximum I^2t values are related only to “Rated short-circuit capacity”.</p>	
Decision:	<p>The first paragraph under Table ZD.2 shall be amended as follows (modification introduced are highlighted in yellow):</p> <p>The maximum I^2t values measured during the test of I_{cn} (test sequence F_0 or F_1 as applicable), in accordance with 9.12.11.4 serve as reference values for the classification.</p>	
Explanatory notes:	<p>This OSM/IN decision is based on the working document for Common Modification of the next prEN 61009-1, contained in document “CLC TC23E WG1 – 050 Draft com mod EN 61009-1 (paris meeting).doc”, agreed by CLC/TC 23E/WG1 during the meeting held in May 2010.</p> <p>This OSM/IN decision remains in force until the new edition of EN 61009-1 will be published.</p>	