

OSM/IN DECISION

Standard: EN 61009-1:2004	Sub clause: 9.9.2.2	Sheet N°: OSM/IN 214B
Subject: Test of instantaneous tripping and of correct opening of the contacts	Key words: Instantaneous tripping	Meeting N°: 20 (2010) Item: 5.1.1 b)
Question: How to perform the test according to sub-clause 9.9.2.2 ?		
Decision: Sub-clause 9.9.2.2 a) shall be replaced as follows: a) <i>General test conditions</i> <i>For the lower values of the test current of 9.9.2.2 b), 9.9.2.2 c) and 9.9.2.2 d) respectively the test is made once, at any convenient voltage.</i> <i>For the upper value of the test current, the two following tests are carried out:</i> <ul style="list-style-type: none"> ○ <i>At any convenient voltage, one opening operation on each combination of two poles connected in series is performed. The tripping time is measured and shall be within the limits of table 10.</i> ○ <i>At rated voltage U_0 (phase to neutral) with a power factor between 0,95 and 1 separately on each protected pole of the RCBO, the following sequence of operation is performed</i> <div style="text-align: center;">$O-t-CO-t-CO-t-CO$</div> <i>the interval t being as defined in 9.12.11.1. The tripping time of the O operation is measured. After each operation the indicating means shall show the open position of the contacts.</i> 		
Explanatory notes: This test shall be performed in the same way for MCB, associated with an RCD block, as described in the Interpretation Sheet EN 60898-1/IS4:2007. The proposal to amend sub-clause 9.9.2.2 a) was agreed by CLC/TC 23E during the 24 th meeting held in Brussels on November 12 th , 2009 (item 9 a), doc. TC23E/Sec0170/RM) therefore this OSM/IN decision remains in force until the new publication of standard EN 61009-1.		