

# OSM/IN DECISION

<b>Standard:</b> IEC/EN 61008-1	<b>Sub clause:</b> 9.11.2.1	<b>Sheet N°:</b> OSM/IN 275
<b>Subject:</b> cross section of flexible cables, used for the short-circuit tests	<b>Key words:</b> cross section flexible cables short-circuit tests	<b>Meeting N°:</b> 24 (2014)  <b>Item:</b> 6.5
<b>Question:</b>	Which cross section of flexible cables, has to be used for the short-circuit tests?	
<b>Proposal:</b>	<p>The existing text of clause 9.11.2.1 has to be read as follow:          The conditions of 9.11.2 are applicable to any test intended to verify the behaviour of the RCCBs under short-circuit conditions.</p> <p>a) Test circuit:          For the tests of 9.11.2.4 a) and c), the RCCB shall be connected with cables (<i>rigid or flexible</i>) having a length of 0,75 m per pole and the maximum cross-section, corresponding to the rated current, according to <i>the rigid conductor column of Table 6</i>.</p>	
<b>Remark:</b>	This clarification has been requested by the TC23E. (see minutes of the 28th meeting to be held in Brussels on May 27h, 2014)	
<b>Explanatory notes:</b>	<p>The cross section of rigid or flexible cables, used for the short-circuit tests, shall be the same</p> <p>To be aligned with : 23E/825/CDV</p> <p style="text-align: center;">60898-1/Ed.2/CDV © IEC(E) <span style="margin-left: 100px;">56</span> <span style="float: right;">23E/825/CDV</span></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>For the tests at both the rated and the service short-circuit capacities, the circuit-breaker shall be connected with cables (<i>rigid or flexible</i>) having a length of 0,75 m per pole with the maximum cross-section, corresponding to the rated current, according to the rigid conductor column of <b>Table 5</b></i></p> </div>	