

COLLECTION OF CIG-OSM/IN DECISIONS

Standard: EN 61009-1:1994 / EN 61009-2-1:1994	Sub clause: G.3.2 (Annex G)	Sheet no. OSM/IN 106 Page 1(1)								
Subject: Marking of RCBO's	Key words: Marking of RCBO's	Meeting no. 5 Item 6.16								
<p>Question: The general standard prescribes that if $I_{\Delta m}$ is different from I_{cn} it shall be quoted on the RCBO's. What shall be quoted on RCBO's if circuit-breakers are in conformity with Annex G?</p> <p>Decision: The marking shall be quoted in a not visible position after final mounting. Examples of two acceptable solutions:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>I_{cn}</th> <th>$I_{\Delta m}$</th> </tr> </thead> <tbody> <tr> <td>3.000 A</td> <td>3.000 A</td> </tr> <tr> <td>6.000 A</td> <td>6.000 A</td> </tr> <tr> <td>10.000 A</td> <td>7.500 A</td> </tr> </tbody> </table> <p style="margin-left: 40px;">Or $I_{\Delta m} = 3kA \rightarrow$ MCB A (*) $I_{\Delta m} = 6kA \rightarrow$ MCB B (*) $I_{\Delta m} = 7,5kA \rightarrow$ MCB C (*)</p> <p style="margin-left: 40px;">(*) Miniature circuit-breaker type reference or catalogue number.</p> <p>Explanatory notes: -</p>			I_{cn}	$I_{\Delta m}$	3.000 A	3.000 A	6.000 A	6.000 A	10.000 A	7.500 A
I_{cn}	$I_{\Delta m}$									
3.000 A	3.000 A									
6.000 A	6.000 A									
10.000 A	7.500 A									