

COLLECTION OF CIG-OSM/IN DECISIONS

Standard: EN 60 730-1:2000	Sub clause: 11.10.2 H27.5	Sheet no. OSM/IN 133 Page 1(2)
Subject: In-line cord controls	Key words: In-line cord controls	Meeting no. 9 Item 6.14
Question:	Verification of the protection against overloading for in-line cord controls	
Decision:	<p>Clause 11.10.2 Add: If in-line cord controls provided with a plug and a socket-outlet where the plug can be connected and socket outlet, where the plug can be connected to a socket-outlet rated for a higher load current than the control, the control shall be provided with an incorporated fuse or a protective device to limit the current to the control's rating. The testing of the protective function is done in the sequence of tests according to Clause 27.5. The plug and a socket-outlet part of the control shall comply with the appropriate standard plug and a socket-outlet system. The control plug shall comply with this standard.</p> <p>Clause 27 Add: Clause 27.5 See annex H</p> <p>Annex H Add: H27.5 The following overload tests are carried out on in-line cord controls as indicated 11.10.2 and provided with a plug and a socket-outlet:</p> <ul style="list-style-type: none"> - Controls as specified without protective devices and without incorporated fuses are loaded for 1 h with the conventional tripping current for the fuse which in the installation will protect the control. <p>Controls protected by protective devices (including fuses) are loaded in such a way that the current through the control is 0,95 times the current with which the protective device releases after 1 h. The temperature rise is measured after a steady state has been reached or after 4 h, whichever is the shorter time.</p>	

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Standard: EN 60 730-1:1995	Sub clause: 11.10.2 H27.5	Sheet no. OSM/IN 133 Page 2(2)
Subject: In-line cord controls	Key words: In-line cord controls	Meeting no. 9 Item 6.14
<p>Decision(cont.):</p> <ul style="list-style-type: none"> - Controls protected by incorporated fuses complying with EN 60127 shall have those fuses replaced by link of negligible impedance and shall be loaded in such a manner that the current through the links shall be 2,1 times the current of the fuse. The temperature rise is measured after the electronic switch has been loaded for 30 min. - - Controls protected both by incorporated fuses and protective devices are loaded either as described above with incorporated fuses or with another protective device, choosing the requiring lower load. - Controls protected by protective devices which will short-circuit only in case of overload shall be tested both as controls with protective devices and as controls without protective devices. The temperatures measured shall not surpass those indicated in table 14. 		
<p>Explanatory notes:</p> <p>1) This interpretation is taken from CENELEC TC72(Secretariat) 72G/INF interpretation Nr. 07/01/17/16.3.1 according to the decision taken in the seventh OSM/IN Meeting In Copenhagen(1997). See minutes of mentioned Meeting document OSM/IN(ES/AENOR)20/97 Rev. 1, item 4 (Matters pending from Offenbach Meeting (1996), item 6.5). See OSM/IN 131.</p>		