

		<b>LOVAG DECISION SHEET (LDS)</b>		N°LDS194
				Pag. 1 /1
References	Standard(s) (incl. year)	IEC 60947-3:2008+AMD1:2012+AMD2:2015		Subclause(s): 8.3.4.1.6
	Subject	Special test of mechanical durability	Submitted by: Lovato Electric S.p.a.	Date:  2017/09/18
Question	<p>One of the verifications of the clause 8.3.4.1.6 is the following: " The force required for opening shall not be greater than the test force of 8.2.5.2 and the Tab. 17 of IEC 60947-1".</p> <p>Since this verification was already carried out on a new product, the actuating force could increase, but not beyond or the test value of 3F (calculated considering the actuating force measured on a new device) or the maximum of tab.17, considering the smallest.</p> <p>We believe that the test value used to perform the "Verification of the effectiveness of indication of the main contacts position" shall take into account the value obtained on a new device and not considering the actuating force measured after the durability test.</p> <p>Is the above interpretation correct?</p>			
Analysis	#####			
Decision	The actuating force F shall be calculated on a the new product following the indications of Cl. 8.2.5.2.1 in compliance with then Table 17 (IEC 60947-1).			
Date:	2017/09/22	Prepared by: S.Manganaro (ACAE)	Approved by: ACAE Technical Commission of	2017/09/22