

		LOVAG DECISION SHEET (LDS)		N°[LDS200]
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References	Standard(s) (incl. year)	[EN 60947-3- A2]		Subclause(s): D.7.2.4.1 (sequence 1) e D.7.2.4.2 (sequence 2)
	Subject	[Tests according to Annex A2 of EN 60947-3 (photovoltaic) for the PV2 category	Submitted by: INTEK	Date: [2018/08/27]
Question	<p>Paragraphs D.7.2.4.1 (sequence 1) and D.7.2.4.2 (sequence 2) require a test to be performed by reversing the load and line terminals if the contact system is not symmetrical. In the non-symmetrical case (the device has magnets, therefore, reversing the direction of the current changes the direction of the generated force) this test must be performed, but the customer correctly points out that the device does not work properly.</p> <p>question: It is not possible that the same performance criterion of a correctly connected device is required (if this were the case, the possibility of constructing a non-symmetrical system would lose its meaning, it would have been easier to impose symmetry).</p>			
Analysis	<p>The standard is clear and leaves no doubt. The category PV2 includes devices that accept the inversion of polarity and therefore must be subjected to the test.</p>			
Decision	See above.			
Date: [2018/10/09]		Prepared by: [S. Manganaro (ACAE)]		Approved by: [ACAE Technical Committee 2018/10/09]