

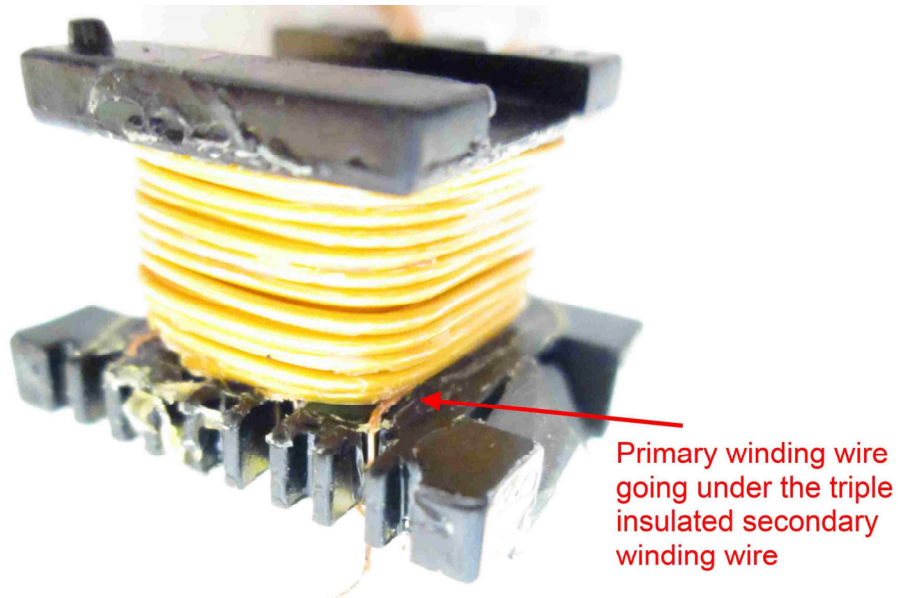
OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	No.	Year
IEC 61347-2-13:2006 IEC 62560:2011	General	DSH 1069	2014
Category:			
LITE			
Subject:	Key words:	Developed by	
Insulation in SELV transformer	- Insulation - Transformer - SELV	ETF5-OSM/LUM	

Question

Is it allowed that in SELV control gears for LED modules and in self-ballasted LED lamps, the enamel insulated primary winding wire touches the triple insulated secondary winding wire in a safety isolating transformer without any additional insulating layer between them?

Specifically the question relates to the enamelled primary winding wire running under the secondary winding wire along the side of the bobbin and touches the secondary winding wire (see picture). (Usually there is an insulating layer between the windings).



Note: In this case, the transformer provides critical double or reinforced insulation between the live parts and accessible parts.



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Decision
It is not allowed for the primary winding wires to touch the secondary winding wires.
Explanatory notes
