

OSM/LUM DECISION SHEET (DSH)

Standard(s):	Subclause(s):	Tracking No.	Year
IEC 60598-1/2008 IEC 61058-2-1/2010	13.3.1	DSH 1084	2013
Category:			
LITE			
Subject:	Key words:	Developed by	
Needle flame test to switch	- Needle flame test - Switch on cord - IEC 60598-1 - § 0.5.2	ETF5-OSM/LUM	

Question

The luminaire with switch. Switch is certified according to IEC 61058-2-1. Should the Clause 13.3.1 of IEC 60598-1 be applied to the switch? There are some differences in construction of switches. Please see the photos below.



How should the needle flame be performed?

Do we have to perform needle flame tests to switches, terminals and similar components approved according to IEC 61058-2-1 or IEC 60998-1 or other standards (standards which have no needle flame test requirement)?

Decision

According to § 0.5.2 of IEC 60598-1, components complying with the requirements of their own standard and used in accordance with their intended use, shall only be tested to the requirements of this standard where there are no requirements in the component standard (covering the requirement heading of this standard).

Therefore a needle flame test does not to be done according to § 0.5.2 (covering the requirement heading of the standard IEC 61058-2-1 - Resistance to heat and fire).

Explanatory notes
