

## OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018	4.7.4	DSH 0847A	2019
<b>Category:</b>			
LITE			
Subject:	Key words:	Developed by	Approved at
Terminals for internal and external connections	<ul style="list-style-type: none"> <li>- Internal connections</li> <li>- Supply connection</li> <li>- Internal wiring</li> </ul>	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
Question			
<p>Terminals of lampholders, switches and similar parts used for multiple connection of internal wiring shall have adequate dimensions for the purpose and shall not be used for the connection of external wiring. If we have a terminal for the supply connection with internal and external wires which are clamped with the same screw, does the above mentioned requirement apply? In subclause 4.7.4, second paragraph such a terminal is not mentioned. Does it not refer to supply terminals? What are multiple connections of internal wiring, one, two or more than two wires? The problem is for example that an internal connection on a screw terminal for the earth, can go loose during installation. For the external wiring should be a separate terminal existing or it should be prevented, that the internal wiring cannot escape for example where the internal connection is prevented against loosening by an eyelet terminal?</p>			
Decision			
<p>All internal connections should not be used together with the external supply connection. With the exception that, internal wiring cannot go loose during supply connection.            Note: The use of an eyelet terminal (e.g. on earthing screw terminal for the internal wiring) is sufficient.</p>			
Explanatory notes			
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