

OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018	4.7.2	DSH 0845A	2019
Category:			
LITE			
Subject:	Key words:	Developed by	Approved at
Supply terminals (8 mm free wire)	<ul style="list-style-type: none"> - Figures 1, 2, 3 - Correct way - Both wires stripped 8 mm 	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
Question			
<p>One of the requirements for the supply terminals is that there shall be no risk of accidental contact between live parts and accessible metal parts. This is tested with the 8 mm free wire. One wire of a stranded conductor is left free and bent in every possible direction without making sharp edges. The construction shown in the picture 1 or 2 have already been certified according to the standard IEC 60998-2-1. Figure 3 is a modified option. The pictures show some of the ways of how to carry out this test. In each case the conductor is fully inserted into the terminal. Which figure(s) is (are) the correct interpretation of the requirements?</p>			
Decision			
<p>Figures 1, 3 and 4 are the correct way to perform the test. Figure 2 is not a correct way - both wires have to be stripped 8 mm.</p>			
Explanatory notes			
