



OSM/EE DECISION SHEET

Category	Standard:	Clause	Document no.		
ITAV	EN 62368-1:2014 + A11:2017 EN IEC 62368-1:2020 + A11:2020 EN IEC 62368-1:2024 + A11:2024	Clauses 5.6.6 & 5.6.4	OSM-EE 25/5		
Subject	Key words		Meeting		
Earth bond test for pluggable equipment type A	Protective bonding system Earth resistance Overcurrent device		Strasbourg 9-10 April 2025		
Question					
For ac mains connected equipment, are there any restrictions for basing the protective bonding test current on the rating of an overcurrent protective device in the equipment rather than the building installation?					
Decision					
The protective bonding test is normally carried out based on the rating of the overcurrent protective device in the building installation. However, if there are fuses in the equipment in both line and neutral for non-polarized plugs, the earth bond test can be based on the rating of those fuses, except for the enclosure and parts before the internal fuses.					
Explanatory notes					