

CTL Provisional DECISION SHEET (PDSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Publication date
IEC 60335-1:2020	22.53	2244	2024
Category			
HOUS			
Subject	Keywords	Developed by	To be approved
Functionally earthed parts	Class II and Class III appliances	ETF1	2024 CTL Plenary Meeting
Question			
<p>Is the requirement of clause 22.53 applicable to inlets in class II appliances with functional earth?</p> <p>According to clause 22.53, "Class II appliances and class III appliances that incorporate functionally earthed parts shall have at least double insulation or reinforced insulation between live parts and the functionally earthed parts."</p>			
Decision			
<p>The requirement of clause 22.53 is not applicable to inlets in class II appliances with functional earth.</p> <p>Where functional earth parts of class II appliances are mentioned, accessible functional earthed parts are meant. If the functional earth terminal of the appliance inlet is not accessible with the coupler connected, then clause 22.53 is not applicable to the appliance inlet itself.</p>			
Explanatory notes			
<p>All parts of an appliance inlet (appliance coupler), including earthed parts, in accordance with IEC 60320-1, provide protective earth and therefore, clause 22.53 shall not be applicable to the appliance inlet (appliance coupler) itself.</p>			