

☒ **CTL Provisional DECISION SHEET (PDSH)**  
☐ **CTL DECISION SHEET (DSH)**

Standard(s) (incl. year)	Subclause(s)	Tracking No.		
IEC 60335-1: 2020	Clause 29.1, Annex J.	2283		
<b>Category</b>				
HOUS				
<b>Subject</b>	<b>Keywords</b>	<b>Developed by</b>		
Applicability of Annex J at PCB moulding to provide type 1 protection.	PCB moulding to provide type 1 protection.	ETF 1		
<b>Question</b>				
In case of a printed circuit board (PCB) where there are two conductors placed on the same outer layer between which there is a distance, this planar arrangement shall be protected by type 1 protection. To perform this, the relevant area is covered by an insulating resin that is applied using a PCB moulding.				
Q1: Is this a coating for which Annex J is to be applied?				
<b>Decision</b>				
Yes, this shall be considered as coating as mentioned in 29.1 of IEC 60335-1 and Annex J shall be applied if protection type 1 or 2 is required.				
<b>Explanatory notes</b>				
<u>Enquiry:</u>				
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<u>PDSH:</u>				
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<u>DSH</u>				
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IEC 60335-1:2020, clause 19.1 only mentions coatings as a means to provide type 1 protection. IEC 60644-3:2016 mentions coating and moulding; but provides a definition of coatings only. IEC 60664-3:2016 does include potting and moulding together with coating in its scope, so it shall be understood that the coating as mentioned in 29.1 of IEC 60335-1 covers all types of protection as included in IEC 60664-3.				