

CTL Provisional DECISION SHEET

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC 61347-1:2015+A1:2017	11,12	PDSH 2194	2022
Category			
LITE			
Subject	Keywords	Developed by	To be approved
Use of varistor (VDR) and gas discharge tube (GDT) within controlgear	Basic insulation electric strength .	ETF5	2023 CTL Plenary Meeting
Question			
1) Is it acceptable if there is only one VDR bridging basic insulation in a control gear? 2) Is it acceptable if there is a VDR in series with a GDT bridging basic insulation in a control gear? 3) Is it acceptable to remove VDR+GDT during electric strength test? .			
Decision			
1) The applicable test of IEC/EN 61347-1 for basic insulation (dielectric strength test, leakage current, creepage and clearance) need to comply with 2) See Q1) 3) No, only SPD which complies with IEC 61643-11			
Explanatory notes			
The question will be shared with IEC TC34 WG7.			