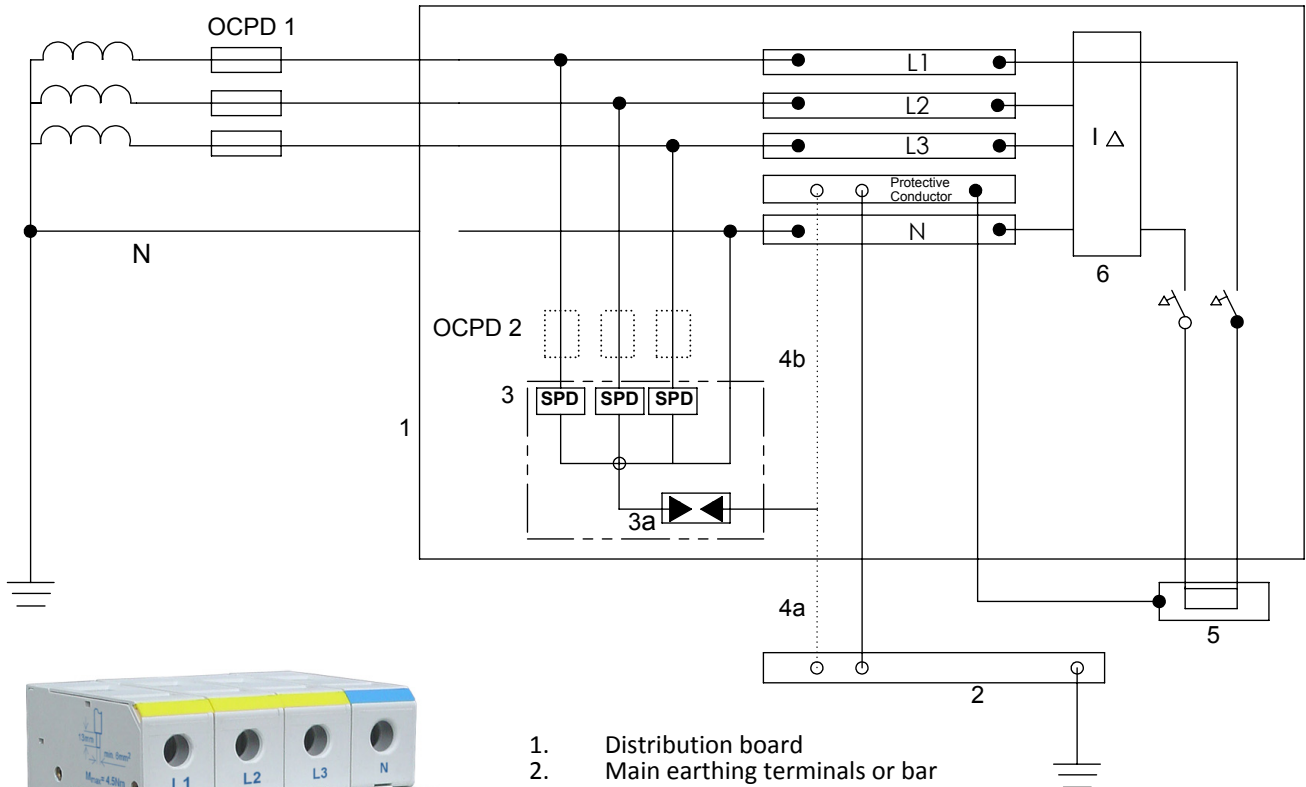
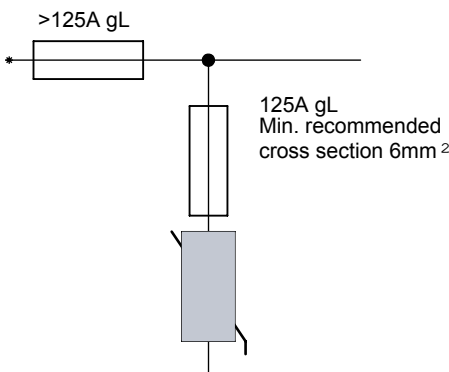


Surge Protection Device recommended for use with TT systems connection type 2 (CT2) SPD connected to the load side of an RCD according to regulation 534.2.5(ii)



1. Distribution board
2. Main earthing terminals or bar
3. Surge protective devices
- 3a. Surge protective devices (SPDs 3 and 3a in series ensuring a protection level in accordance with overvoltage Category II.
4. Earthing connection of surge protective devices, either 4a or 4b, whichever is the shorter route
5. Current-using equipment
6. Residual current protective device (RCD) installed downstream of the surge protective devices

OCPD 1: Overcurrent protective device at the origin of the installation  
 OCPD 2: Overcurrent protective device



Type DVSC400454TT		
In accordance with		IEC-61643-1
Max. continuous operating Voltage (AC/DC)	$U_c$	320/420V
Nominal discharge current (8/20) $I_n$	$I_n$ (MOV/GDT)	20/20kA
Max. discharge current(8/20)	$I_{max}$ (MOV/GDT)	45kA per pole
Protection level	$U_p$ (MOV)	< 1.5kV
	$U_p$ (GDT)	< 2.0kV
Follow current	$I_f$ (GDT)	> 100A <sub>RMS</sub>
Response time	$t_A$ (MOV/GDT)	< 25ns/<100ns
Residual current at $U_c$	$I_{PE}$ (MOV/GDT)	< 1.5mA/-
Thermal protection	(MOV/GDT)	Yes
Terminal Screw torque		max. 4.5Nm
Back up fuse (If mains > 125A)	(MOV/GDT)	125A gL/-
Short circuit withstand current		25kA/50Hz/-
Temperature range		-40°C ... +80°C
Terminal cross section		35mm <sup>2</sup> (solid)/25mm <sup>2</sup> (stranded)
Mounting EN60715		35mm top-hat rail
Degree of protection		IP20
Housing material		thermoplastic; extinguishing degree UL 94 V-0
Dimensions DIN 43880		4TE
Weight per unit		441g
Packaging dimension (single unit)		109x76.5x78mm