

TYPE II CLASS II SURGE PROTECTION DEVICE 2 POLE

Main Features

- Type II Class II surge suppression device
- Meets the requirements of EN 61643-11:GB18802:YD/T1235.1
- DIN-rail mountable to EN 50022
- Replacement plug-in modules available
- Protection status indication
- Ingress protection rating of IP20
- Suitable for TN & TT earthing systems

CATALOGUE NUMBERS

Description

Type 2 SPD with modules	DSPC1PN
Type 2 SPD replacement phase plug-in module	DSPCL
Type 2 SPD replacement neutral/earth plug-in module	DSPCNE



Technical data

Type		Single Phase	
		275V	320V
Rated voltage (max. continuous voltage)	U_c	L-N 275V~ N-PE 255V~	L-N 320V~ N-PE 255V~
Nominal discharge current (8/20)	I_n	L-N 20kA N-PE 40kA	20kA 40kA
Max. discharge current (8/20)	I_{max}	L-N 40kA N-PE 65kA	40kA 65kA
Voltage protection level at I_n	U_p	L-N $\leq 1.3kV$ N-PE $\leq 1.8kV$	$\leq 1.5kV$ $\leq 1.8kV$
Voltage protection level at 5kA	U_p	L-N $\leq 1.0kV$	$\leq 1.2kV$
Response time	t_A	L-N $\leq 25ns$ N-PE $\leq 100ns$	$\leq 25ns$ $\leq 100ns$
Follow current extinguishing capability at U_c	I_f	N-PE	100A _{ms}
Max. circuit protection value		L-N	125A gG/gL Fuse / 125A MCC
Operating temperature range	T_U	-40°C...+80°C	
Cross-sectional area		1.5mm ² ~ 25mm ² solid / 35mm ² flexible	
Mounting on		35mm DIN rail	
Enclosure material		thermoplastic, UL94-V0	
Dimension		2 mods	
Test standards		IEC 61643-11; GB 18802.1; YD/T 1235	
Certification		CE	
Type of remote signalling contact		Switching contact	
Switching capacity	U_N/I_N	AC:250V/0.5A DC:250V/0.1A, 125V/0.2A, 75V/0.5A	
Cross-sectional area for remote signalling contact		Max. 1.5mm ² solid / flexible	

