



CITEL

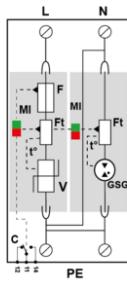
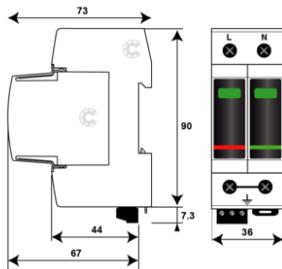
Type 2 AC surge protector - Single-phase - Integrated fuses

DACP25S-11-150



Type 2 AC surge protector

- In: 15 kA
- Imax: 25 kA
- Interne Disconnection device
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



V: High-energy varistor
 Ft: Thermal fuse
 F: Overcurrent protection (fuse)
 t: Thermal disconnection system
 C: Remote signal contact
 MI: Disconnection indicator

Electrical Characteristics

SPD type	2	
Network	120 V single-phase	
AC system	TT-TN	
Max. AC operating voltage	Uc	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 ms Without disconnection or with safety disconnection	UT	230 Vac disconnection
Residual Current Leakage current to Ground	Ipe	None
Follow current	If	None
Nominal discharge current 15 x 8/20 μ s impulses	In	15 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	25 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	Imax Total	50 kA
Connection mode(s)	L/N and N/PE	
Protection level L/N @ In (8/20 μ s)	Up L/N	0.9 kV
Protection level N/PE @ In (8/20 μ s)	Up N/PE	1.5 kV
Residual voltage L/N at 5 kA @ 5 kA (8/20 μ s)	Up-5kA	0.6 kV
Protection level N/PE at 5 kA @ 5 kA (8/20 μ s)	Up-5kA	0.6 kV
Admissible short-circuit current	Isccr	100 000 A
Mechanical Characteristics		
Technology	MOV+GDT	
SPD configuration	Single phase	
Connection to Network	By screw terminals: 2.5-25mm ² (35mm ² rigid)	
Format	Plug-in modular box	
Mounting	Symmetrical rail 35 mm (EN 60715)	
Housing material	Thermoplastic UL94 V-0	
Operating temperature	Tu	-40/+85°C
Protection rating	IP20	
Failsafe mode	Disconnection from AC network	
Disconnection indicator	1 mechanical indicator by pole - Red/Green	
Spare module(s)	MDACP25-150 + MDACP50G-255/F25	
Remote signaling of disconnection	Output on changeover contact	
Wiring for remote signaling	1.5 mm ² max.	
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)	
Dimensions	See diagram - 2TE (EN43880)	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	internal (equivalent AC rating : 40 A, gG Type)	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Part number	821410142	

