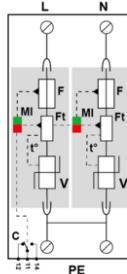
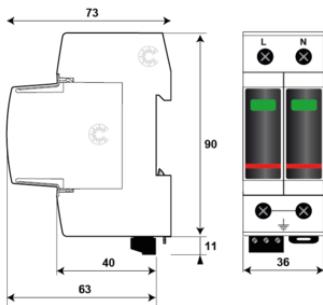


## DACP25S-20-150



## 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		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	< 1 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	15 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	25 kA
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total	50 kA
Connection mode(s)		L/PE and N/PE
Protection level N/PE @ In (8/20µs)	Up N/PE	0.9 kV
Protection level L/PE @ In (8/20µs)	Up L/PE	1.2 kV
Protection level N/PE at 5 kA @ 5 kA (8/20µs)	Up-5kA	0.6 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20µs)	Up-5kA	0.6 kV
Admissible short-circuit current	Isccr	100 000 A

## Mechanical Characteristics

Technology	MOV
SPD configuration	Single phase
Connection to Network	By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> 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)	MADCF25-150
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	1.5 mm <sup>2</sup> max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions	See diagram - 2TE (EN43880)
Weight	0.209 kg
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	821410122

