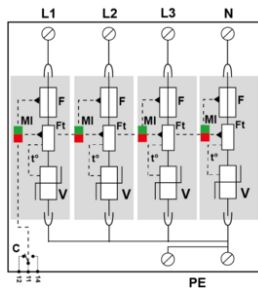
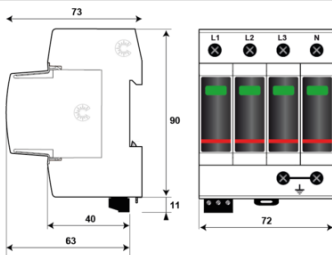


DACF25S-40-150



Type 2 AC surge protector

- ↳ In: 15 kA
- ↳ I_{max}: 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	120/208 V 3-phase+N
AC system	TNS
Max. AC operating voltage	U _c 150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 230 Vac disconnection
Residual Current Leakage current to Ground	I _{pe} < 1 mA
Follow current	I _f None
Nominal discharge current 15 x 8/20 μs impulses	I _n 15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 25 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total 100 kA
Connection mode(s)	L/PE and N/PE
Protection level N/PE @ I _n (8/20 μs)	U _p N/PE 0.9 kV
Protection level L/PE @ I _n (8/20 μs)	U _p L/PE 1.2 kV
Protection level N/PE at 5 kA @ 5 kA (8/20 μs)	U _p -5kA 0.6 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20 μs)	U _p -5kA 0.6 kV
Admissible short-circuit current	I _{sc} 100 000 A

Mechanical Characteristics

Technology	MOV
SPD configuration	3-phase+Neutral
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	T _u -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole - Red/Green
Spare module(s)	MDACF25-440
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 - 4TE (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
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Part number

821410124