



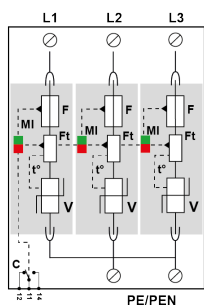
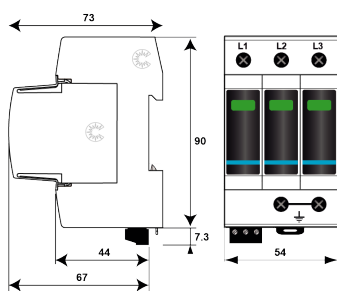
CITEL

Type 2 or 3 AC surge protector - pluggable with integrated fuse

DACF15S-30-440



- Type 2 (or 3) AC surge protector
- Internal Disconnection device
- Low fuse rating of the internal connector = systematic coordination with upstream circuit breaker
- In: 5 kA
- I_{max}: 15 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, 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	IEC	2+3
Network		230/400V
AC system		IT
Max. AC operating voltage	U _c	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection
Residual Current	I _{pe}	< 1 mA
Leakage current to Ground	I _f	None
Nominal discharge current 15 x 8/20 µs impulses	I _n	5 kA
Nominal discharge current N/PE 15 x 8/20 µs impulses	I _n N/PE	20 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	U _{oc}	10 kV
Protection level L/PE @ I _n (8/20µs)	U _p L/PE	1.5 kV
Admissible short-circuit current	I _{sc} cr	100 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		3-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	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)		MDACF15-440
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Dimensions		See diagram - 1TE (EN43880)
Weight		0.319 kg

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		internal (equivalent AC rating : 25 A, gG Type)

Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
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Part number

821310423

