



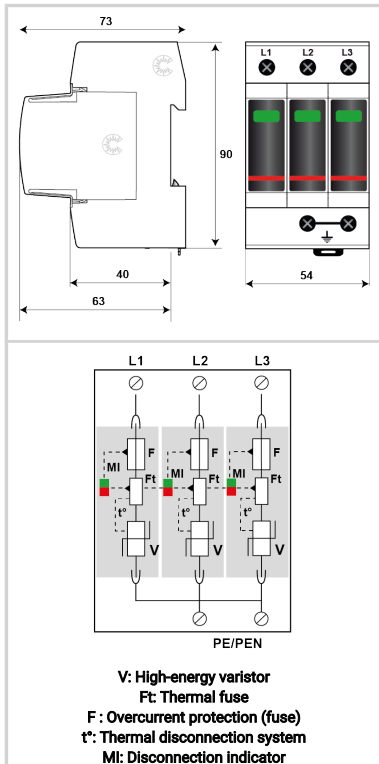
# CITEL

## Type 2 AC surge protector - 3-phase

### DACF25-30-440



- ▶ Type 2 AC Multipolar surge protector
- ▶ In : 15 kA
- ▶ I<sub>max</sub> total : 75 kA
- ▶ Internal Fuse
- ▶ Pluggable module for each phase
- ▶ Remote signaling
- ▶ NF EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



#### Electrical Characteristics

SPD type	IEC	2
Network		230/400 V
AC system		IT
Max. AC operating voltage	Uc	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 Leakage current to Ground	I <sub>pe</sub>	< 1 mA
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	25 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	75 kA
Connection mode(s)		L/PE
Protection level L/PE @ I <sub>n</sub> (8/20 μs)	Up L/PE	2 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20 μs)	Up-5kA	1.5 kV
Admissible short-circuit current	I <sub>sc</sub>	100 000 A

#### Mechanical Characteristics

Technology		MOV
SPD configuration		3-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)		MDACF25-440
Remote signaling of disconnection		option DACF25S-30-440 : 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 - 3 TE (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

**821410413**

