



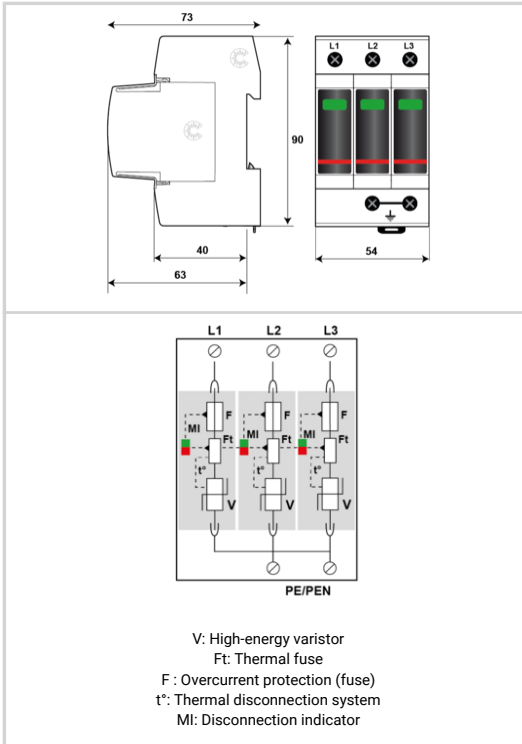
## Type 2 AC surge protector - 3-phase

# CITEL

### DACF25-30-275



- Type 2 AC Multipolar surge protector
- $I_n$  : 15 kA
- $I_{max}$  total : 75 kA
- Internal Fuse
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



Electrical Characteristics	
SPD type	2
Network	230/400 V 3-phase
AC system	TNC
Max. AC operating voltage	$U_c$ 275 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 440 Vac disconnection
Residual Current Leakage current to Ground	$I_{pe}$ < 1 mA
Follow current	$I_f$ None
Nominal discharge current 15 x 8/20 $\mu$ s impulses	$I_n$ 15 kA
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	$I_{max}$ 25 kA
Total Maximum discharge current max. total withstand @ 8/20 $\mu$ s	$I_{max}$ Total 75 kA
Connection mode(s)	L/PE
Protection level L/PE @ $I_n$ (8/20 $\mu$ s)	$U_p$ L/PE 1.25 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20 $\mu$ s)	$U_p$ -5kA 1 kV
Admissible short-circuit current	$I_{scr}$ 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	$T_u$ -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole - Red/Green
Spare module(s)	MDACF25-275
Remote signaling of disconnection	option DACF25S-30-275 : 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)
Weight	0.302 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
Certification	KEMA
Part number	
821410213	

