



CITEL

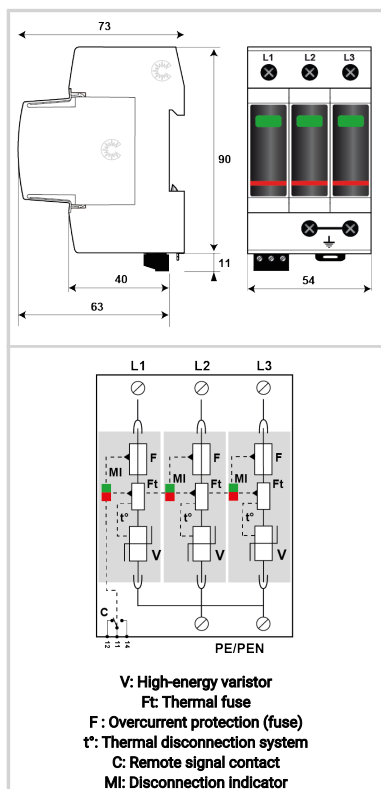
Type 2 AC surge protector - 3-phase - Integrated fuses

DACF25S-30-150



Type 2 AC surge protector

- › In: 15 kA
- › I_{max}: 25 kA
- › Internal Disconnection device
- › Pluggable module for each phase
- › Remote signaling
- › EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



Electrical Characteristics		
SPD type	IEC	2
Network		120/208 V
AC system		TNC
Max. AC operating voltage	U _c	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	230 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe}	< 1 mA
Follow current	I _f	None
Nominal discharge current <i>15 x 8/20 µs impulses</i>	I _n	15 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	I _{max}	25 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 µs</i>	I _{max} Total	75 kA
Connection mode(s)		L/PE
Protection level L/PE <i>@ I_n (8/20µs)</i>	Up L/PE	1.2 kV
Residual voltage L/PE at 5 kA <i>@ 5 kA (8/20µs)</i>	Up-5kA	0.6 kV
Admissible short-circuit current	I _{scrr}	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)		MDACF25-150
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 - 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
Part number		
821410123		

