



CITEL

Type 2 or 3 AC surge protector - Integrated fuse - Neutral left

DACF15S-20-440/FR



- Type 2 (or 3) AC surge protector
- Internal Disconnection device
- Neutral left
- 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



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. <i>Without disconnection</i>	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	770 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	5 kA
Nominal discharge current N/PE <i>15 x 8/20 μs impulses</i>	I _n N/PE	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	15 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50 μs - 8/20 μs</i>	U _{oc}	10 kV
Protection level N/PE <i>@ I_n (8/20 μs)</i>	U _p N/PE	1.5 kV
Protection level L/PE <i>@ I_n (8/20 μs)</i>	U _p L/PE	1.5 kV
Admissible short-circuit current	I _{sc}	100 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single 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/FR
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Dimensions		See diagram - 2TE (EN43880)
Weight		0.221 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
Part number		
55250006		

