



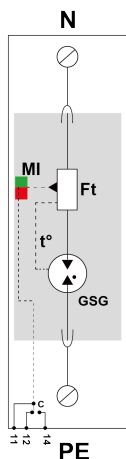
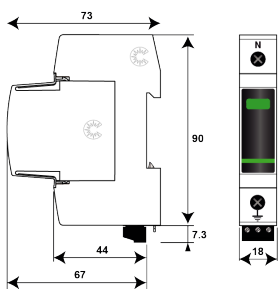
CITEL

Type 2 AC surge protector - 1-pole - pluggable

DAC50GS-10-1300DC



- › Type 2 AC surge protector
- › In: 20 kA
- › I_{max}: 50 kA
- › Pluggable module for each phase
- › Remote signaling
- › EN 61643-11, IEC 61643-11 compliance



V: High-energy varistor
GSG: Specific Gas Tube
Ft: Thermal fuse
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	IEC	2
Max. AC operating voltage	Uc	255 Vac
Residual Current Leakage current to Ground	Ipe	None
DC sparkover voltage (100V/s)		1300Vdc
Follow current	If	Yes
Follow current interrupting capability	Ifi	100 A
Nominal discharge current 15 x 8/20 μ s impulses	In	15 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	30 kA
Protection level N/PE @ In (8/20 μ s) and @ 6 kV (1,2/50 μ s)	Up N/PE	2.2 kV

Mechanical Characteristics

Technology		Gas discharge tube
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm ²
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)		MDAC50G-1300DC
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

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG

Standards

Standards compliance		IEC 61643-11 / EN 61643-11
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Part number

821120921

