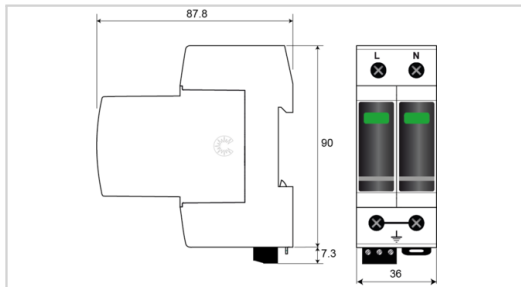




## DAC1-13VGS-20-150



- ✦ Type 1 + 2 + 3 AC surge protector
- ✦ VG Technology
- ✦ In : 20 kA
- ✦ Iimp : 12,5 kA on 10/350µs impulse
- ✦ No leakage current
- ✦ Pluggable module for each phase
- ✦ Remote signaling
- ✦ Optimized to TOV
- ✦ EN 61643-11, IEC 61643-11 and UL1449 ed.3 compliance



Caractéristiques Électriques		
SPD type (following IEC tests)		1+2+3
Network		120 V single-phase
AC system		TN
Max. AC operating voltage L-N	Uc	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	230 Vac withstand
Residual Current(Leakage current to Ground)	Ipe	None
Follow current	If	None
Nominal discharge current (15 x 8/20 µs impulses)	In	20 kA
Max. discharge current(max. withstand @ 8/20 µs by pole)	Imax	50 kA
Total Maximal discharge current (max. total withstand @ 8/20 µs )	Imax Total	100 kA
Impulse current by pole(max. withstand 10/350µs by pole)	Iimp	12.5 kA
Total lightning current(max. total withstand @ 10/350µs)	Itotal	25 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50µs - 8/20µs)	Uoc	6 kV
Specific energy by pole( max. withstand 10/350 µs )	W/R	40 kJ/ohm
Protection mode(s)		L/PE and N/PE
Protection level L/PE(@ In (8/20µs))	Up L/PE	1.5 kV
Protection level N/PE at 5 kA(@ 5 kA (8/20µs))	Up-5kA	0.4 kV
Residual voltage L/PE at 5 kA( @ 5 kA (8/20µs))	Up-5kA	0.4 kV
Admissible short-circuit current	Iscsr	50 000 A
Caractéristiques Mécaniques		
Technology		VG
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25 mm <sup>2</sup> (35 mm <sup>2</sup> rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator by pole - Red/Green
Spare module(s)		MDAC1-13VG-150
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm <sup>2</sup> max.
Maw. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Weight		0.285 kg
Déconnecteurs associés		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		125 A min. - 315 A max. - Fuses Type gG



# DAC1-13VGS-20-150

Normes	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification	IEC 61463-11 / EN 61643-11
Code article	
<b>821730122</b>	

