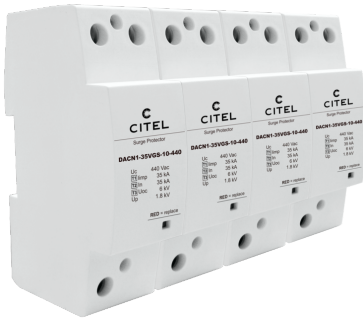


**DACN1-35VGS-40-440**


- ✦ Type 1+2+3 AC surge protector
- ✦ VG Technology
- ✦ In: 35 kA
- ✦ Iimp: 35 kA on 10/350µs impulse
- ✦ No leakage current
- ✦ Unpluggable module for each phase
- ✦ Remote signaling
- ✦ Optimized to TOV
- ✦ EN 61643-11, IEC 61643-11 complied



	<b>Electrical Characteristics</b>			
	SPD type	IEC	1+2+3	
<p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact t*: Thermal disconnection system MI: Disconnection indicator</p>	Max. AC operating voltage	Uc	440 Vac	
	Max. load current @25°C	IL	100 A	
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand	
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection	
	Residual Current Leakage current to Ground	Ipe	None	
	Follow current	If	None	
	Nominal discharge current 15 x 8/20 µs impulses	In	35 kA	
	Max. discharge current max. withstand @ 8/20 µs by pole	I <sub>max</sub>	70 kA	
	Impulse current by pole max. withstand 10/350µs by pole	I <sub>imp</sub>	35 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	306 kJ/o	
	Protection level @ In (8/20µs) and @ 6 kV (1,2/50 µs)	Up	1.8 kV	
	Admissible short-circuit current	I <sub>sc</sub>	50 000 A	
	<b>Mechanical Characteristics</b>			
Technology		VG Technology (MOV+GSG)		
SPD configuration		3-phase+Neutral		
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)		
Format		1-pole modular box assembled		
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		
Remote signaling of disconnection		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 - 8TE (EN43880)		
Weight		1.652 kg		
<b>Disconnectors</b>				
Thermal disconnector		Internal		
Installation ground fault breaker		Type 'S' or delayed		
Back-up protection device		Fuses type gG - 315 A		
<b>Standards</b>				
Standards compliance		EN 61643-11 / IEC 61643-11		
Certification				
<b>Part number</b>				
29324022				