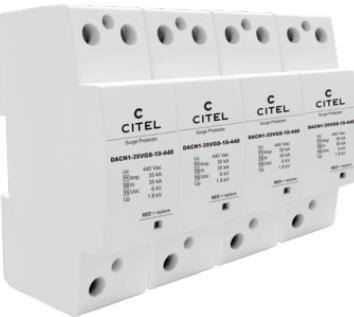




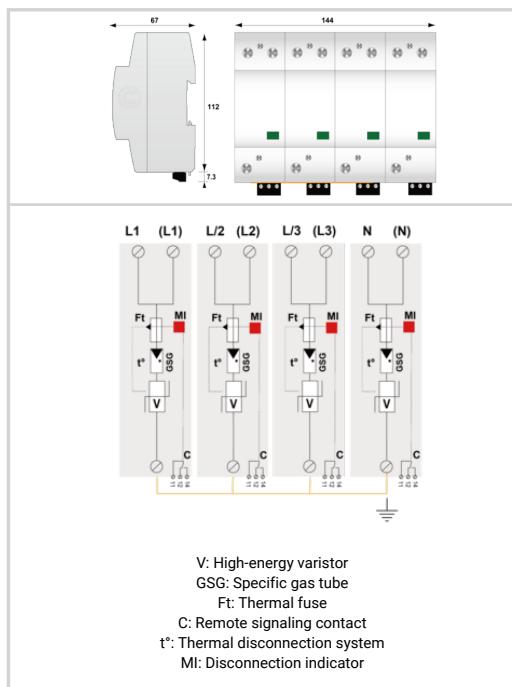
# Type 1+2+3 AC surge protector - 3-phase+N

**CITEL**

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



- Type 1+2+3 AC surge protector
- VG Technology
- In: 35 kA
- Imp: 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



Electrical Characteristics	
SPD type	1+2+3
Max. AC operating voltage	Uc 440 Vac
Max. load current @25°C	IL 100 A
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>	Ipe None
Follow current	If None
Nominal discharge current <i>15 x 8/20 µs impulses</i>	In 35 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax 70 kA
Impulse current by pole <i>max. withstand 10/350 µs by pole</i>	Imp 35 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50µs - 8/20µs</i>	Uoc 6 kV
Specific energy by pole <i>max. withstand 10/350 µs</i>	W/R 306 kJ/o
Protection level <i>@ In (8/20µs) and @ 6 kV (1.2/50 µs)</i>	Up 1.8 kV
Admissible short-circuit current	Isccr 50 000 A
Mechanical Characteristics	
Technology	VG Technology (MOV+GSG)
SPD configuration	3-phase+Neutral
Connection to Network	By screw terminals: 2.5-25mm² (35mm² 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 mm² 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
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 315 A
Standards	
Standards compliance	EN 61643-11 / IEC 61643-11
Certification	
Part number	
29324022	

