

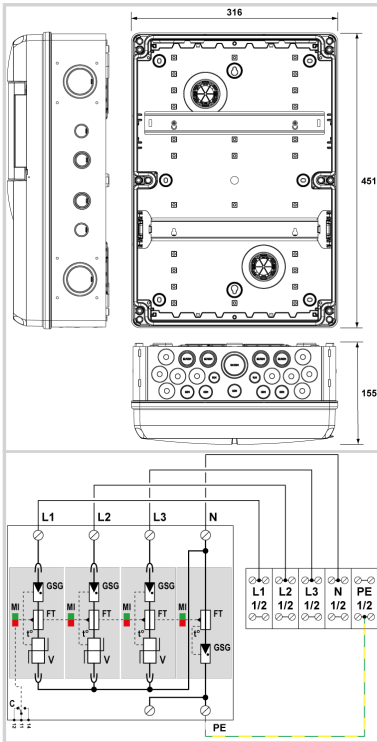


AK1.K5x16.K5x16.50VGS-31-275

CITEL



- ▶ Universal small housing for individual cable entry with consideration of practical cross-sections
- ▶ Internal terminal design allows spur or V-wiring (series)
- ▶ Suitable for TNS-TT mains types
- ▶ Integrated DAC50VGS-31-275
- ▶ Type 2+3 combined arrester based on a gas-filled spark gap
- ▶ Discharge capacity per pole: $I_n=20kA$ (8/20 μs); $I_{max}=50kA$ (8/20 μs)
- ▶ Pluggable protection modules
- ▶ Remote signalling as standard



Electrical Characteristics			
SPD type	IEC	2+3	
Nominal line voltage	Un	230/400 Vac	
Max. AC operating voltage	Uc	275 Vac	
Max. load current <i>if series connection</i>	IL	bis 76 A (Verlegeart beachten)	
Surge protection device		DAC50VGS-31-275 (internally pre-wired)	
Nominal frequency	fn	0-100 Hz	
Mechanical Characteristics			
Housing material		Thermoplastic UL94 V-0	
Protection rating		IP65	
Dimensions		See diagram - 3 TE (EN43880)	
Entrance		Screw terminals max. 16mm ² (re or rm)	
Outgoing		Screw terminals max. 16mm ² (re or rm)	
Earth connection terminal		Screw terminal max. 16mm ² (re or rm)	
Ambient temperature		-25°C bis +40°C / 24h up to max. 35°C	
Cable gland		Double diaphragm connector Cable glands M16 / M20 / M25 / M32 / M40 / M50	
Humidity		Relative humidity (25°C) 5% to 95% / Max. relative air humidity (40°C) 50%.	
Shock resistance		IK 08	
Standards			
Standards compliance		IEC 61643-11	
Part number			
159142			

