

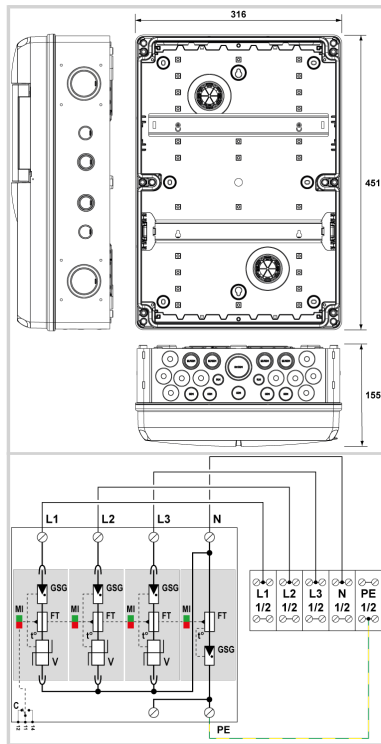


CITEL

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



- 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: $I_n=20\text{kA}$ (8/20 μs); $I_{\text{max}}=50\text{kA}$ (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 if series connection	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
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Part number

159142

