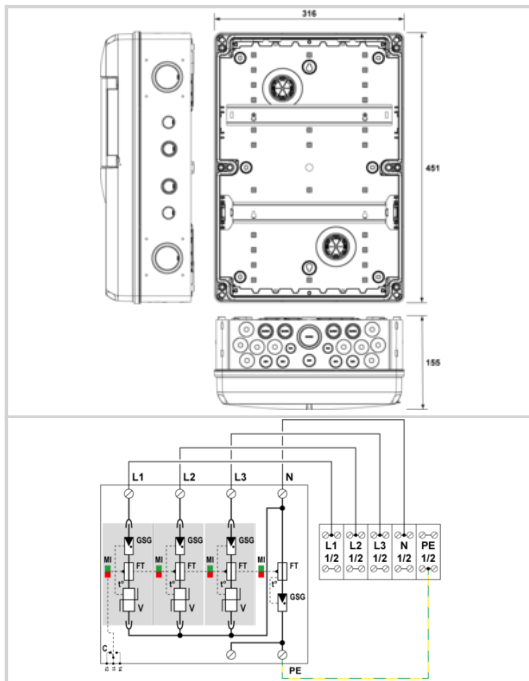


AK1.K5x35.K5x35.13VGS-31-275



- Universal small housing for individual cable entry with consideration of practical cross-sections
- Internal terminal design allows spur or V-wiring (series)
- Suitable for TN-TT mains types
- Integrated DAC13VGS-31-275
- Type 1+2+3 combined arrester based on a gas-filled spark gap
- Discharge capacity per pole: $I_{imp} = 12,5 \text{ kA}$ (10/350 μs); $I_{max} = 50 \text{ kA}$ (8/20 μs)
- Pluggable protection modules
- Remote signalling as standard
- Can be used for lightning protection classes III + IV
- VDE-AR-N 4100 compliant "Use of surge protective devices (SPD) type 1 in main power supply systems"



Electrical Characteristics	
SPD type	1+2+3
Nominal line voltage	Un 230/400 Vac
Max. AC operating voltage	Uc 275 Vac
Max. load current	IL bis 119 A (Verlegeart beachten)
Surge protection device	DAC1-13VGS-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. 35mm ² (rm)
Outgoing	Screw terminals max. 35mm ² (rm)
Earth connection terminal	Screw terminal max. 35mm ² (rm)
Ambient temperature	-25°C bis +40°C / 24h up to max. 35°C
Cable gland	Double diaphragm connector Cable glands* 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	
159141	