

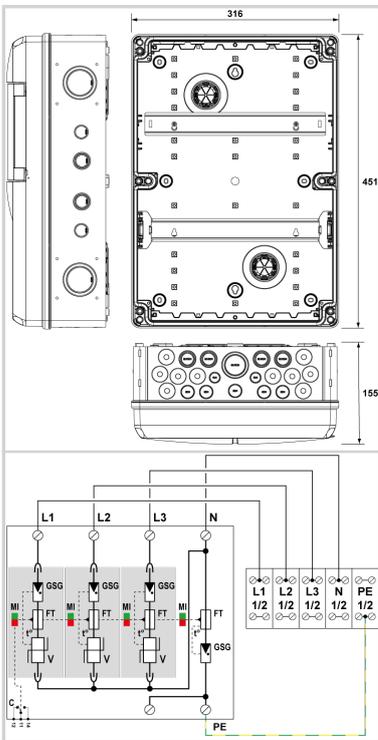


# AK1.K5x35.K5x35.13VGS-31-275

# 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 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 $\mu$ s);  $I_{max} = 50 \text{ kA}$  (8/20 $\mu$ s)
- ▶ 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	IEC		1+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 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 <sup>2</sup> (rm)
Outgoing			Screw terminals max. 35mm <sup>2</sup> (rm)
Earth connection terminal			Screw terminal max. 35mm <sup>2</sup> (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			
<b>159141</b>			

