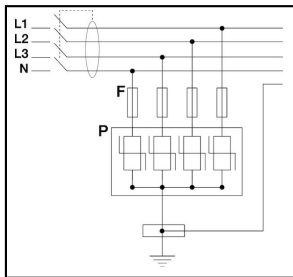
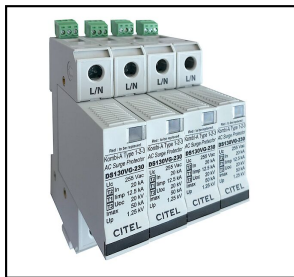


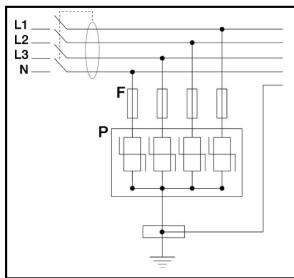
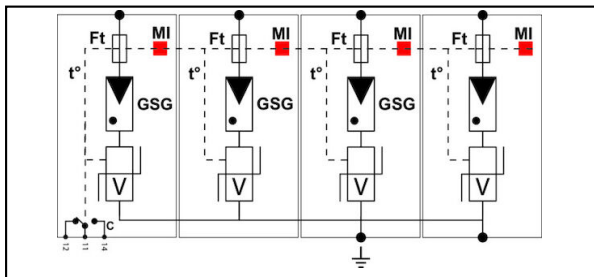
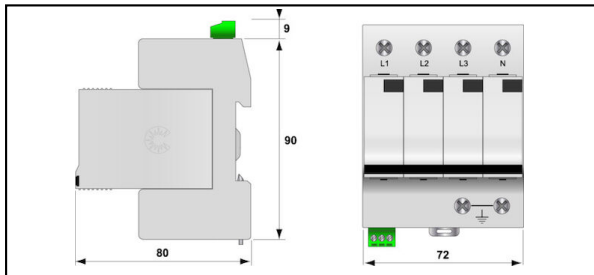
Surge Protection (Type 1)

■ **DS 130 VGS/AF** Overvoltage protection T1+"T2+T3



Characteristics

- surge protector type 1+2+3
- 10 years warranty
- $I_{imp} = 12.5\text{kA/pole}$ ($10/350\mu\text{s}$)
- $I_n = 20\text{kA}$; $I_{max} = 40\text{kA}$
- optimized to TOV
- internal disconnection, status indicator
- follow and operating current: none
- remote signaling
- DIN-rail <10.5mm



Article-Nr.	E-Number	Typ/Type		kA I_{imp}	kA I_{max}	ns t_A	kV U_P	mm ²		
296.571.575	808 458 000	T1 / T2 / T3	4	12.5	50	≤20	1	2.5 - 25	Yes	1



Technical Specifications: **Overvoltage protection T1+T2+T3 DS 130 VGS/AF**

	296.571.575
SPD type	T1 / T2 / T3
Number of poles	4
max. discharge current (I_{max})	50 kA
Nominal line voltage U_n AC	230 V
Continuous voltage AC max.	275 V
Impulse current [I_{imp}] (10/350)	12.5 kA
Discharge current max. (8/20) μs [I_{max}]	50 kA
Combined shock [U_{oc}]	20 kV
Voltage protection level [U_p]	1 kV
Protection level max. (at 5kA)	0.65 kV
Protection level max. (at 12.5kA)	0.8 kV
Operating current [I_c]	0 kA
Follow current [I_F]	0 kA
follow current extinguishing capability [I_{fi}]	unendlich kA eff
Response time [t_a]	≤20 ns
TOV-voltage L-N [UT]	335 Vac / 5 sec.
TOV-voltage L-PE [UT]	1200 V / 200 ms / 300 A
Short circuit resistance (I_{cw})	25 kA
Fault indication	optisch
Fuse max. (gG)	160 A
Construction size	4 modular spacing
Mounting on	Hutschiene 35 mm
Signaling on the device	Optic
Signaling contact	Yes
Connection cross section solid / stranded max.	1.5 mm ²
Switching capacity signaling contact	250 V / 0,5 A (AC) - 30 V / 2 A (DC)
System configuration	TN-S
Energetically coordinated protective effect to the terminal	Yes
Integrated backup fuse	No
Nominal cross section conductor	2.5 - 25 mm ²
Exhausting	No
Mounting method	DIN rail (top hat rail) 35 mm
Network configuration	Yes
Voltage protection level L-N [U_p]	1 kV
Remote signalling	Yes
Standards	
Homologation	VDE, ÖVE, UL
Test standards International	IEC 61643-11
Test standards USA	UL 1449 ed.3
Test standards Europe	EN 61643-11
Commercial specification	
Customs number	85363000
country of origin	ZA*