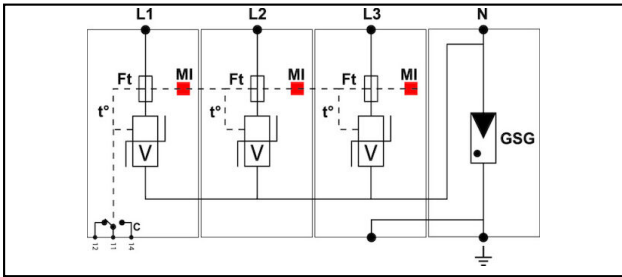
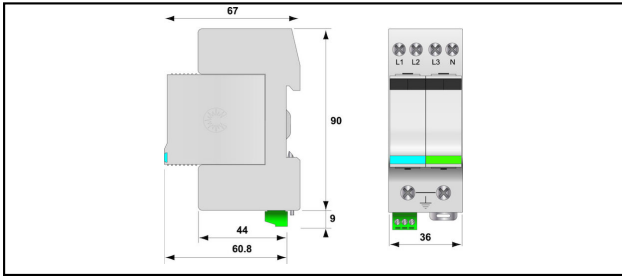


## Surge protection (Type 3)

■ **DS 415 S/G** Overvoltage protection T3**Characteristics**

- surge protector type 3
- $I_n = 5\text{kA}$ ;  $I_{\text{max}} = 15\text{kA}$
- internal disconnection, status indicator
- pluggable module
- remote signaling

Article-Nr.	E-Number	Typ/Type			kA $I_{\text{max}}$	ns $t_A$	kV $U_P$	mm <sup>2</sup>	kA $i_n$	
296.045.754	808 408 000	T3	4	Yes	15	0	0.9	1.5 - 10	5	1

Technical Specifications: **Overvoltage protection T3 DS 415 S/G**

	296.045.754
SPD type	T3
Number of poles	4
max. discharge current (I <sub>max</sub> )	15 kA
Nominal line voltage Un AC	230 V
Continuous voltage AC max.	275 V
Nominal frequency [fn]	50 - 60 Hz
Discharge current max. (8/20) μs [I <sub>max</sub> ]	15 kA
Nominal discharge surge current (8/20)	5 kA
Combined shock [Uoc]	10 kV
Voltage protection level [Up]	0.9 kV
Operating current [Ic]	0 kA
Follow current [IF]	0 kA
follow current extinguishing capability [Ifi]	Unendlich kA eff
Response time [ta]	0 ns
TOV-voltage L-N [UT]	335 V / 5 sec.
TOV-voltage N-PE [UT]	1200 V / 300 A / 200ms fest
Short circuit resistance (I <sub>cw</sub> )	10 kA
Fault indication	Mechanisch, rot
Temperature range	-40 - 85 °C
Degree of protection	IP20
Fuse max. (gG)	40 A
Mounting on	Hutschiene 35 mm
Signaling on the device	Optic
Signaling contact	Yes
Connection cross section solid / stranded max.	1.5 mm <sup>2</sup>
Switching capacity signaling contact	250 V / 0,5 A (AC) - 30 V / 2 A (DC)
With interference suppressor filter	No
Voltage protection level max. (by I <sub>n</sub> ) [Up]	<0.9 kV
Nominal discharge surge current (8/20) (L-N)	20 kA
Nominal cross section conductor	1.5 - 10 mm <sup>2</sup>
Total discharge current (8/20) (L N-PE)	60 kA
With remote signalling contact	Yes
Mounting method	DIN rail (top hat rail) 35 mm
Nominal discharge current [I <sub>n</sub> ]	5/Pol
Category type 3	Yes
Voltage protection level L-N [Up]	0.9 kV
Degree of protection (IP)	IP20
Construction size	2 modular spacing
<b>Standards</b>	
Homologation	VDE, ÖVE und UL
Test standards International	IEC 61643-11
Test standards USA	UL 1449 ed.3
Test standards Europe	EN 61643-11
<b>Commercial specification</b>	
Customs number	85363000
country of origin	ZA*
<b>Logistic specification</b>	
VPE Weight	0.37 kg