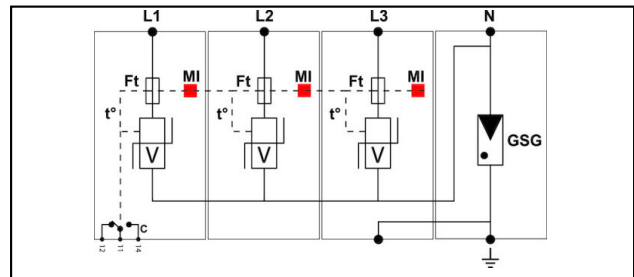
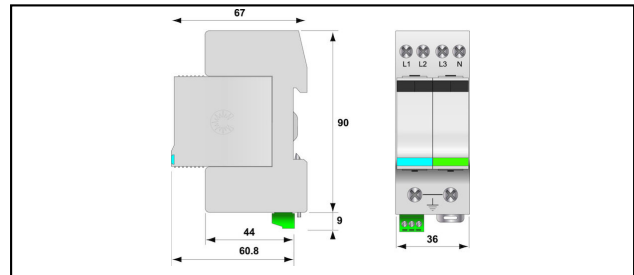


Surge protection (Type 3)

DS 415 S/G Surge Protector



- 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_{max}	ns t_A	kV U_P	mm^2 	kA i_n	
296.045.754	808 408 000	T3	4	Yes	15	0	0.9	1.5 - 10	5	1

Technical Specifications: Surge Protector DS 415 S/G

Article No.	296.045.754
SPD type	T3
Number of poles	4
max. discharge current (I _{max})	15 kA
Nominal line voltage U _n AC	230 V
Continuous voltage AC max.	275 V
Nominal frequency [fn]	50 - 60 Hz
Discharge current max. (8/20) μ s [I _{max}]	15 kA
Nominal discharge surge current (8/20)	5 kA
Combined shock [U _{oc}]	10 kV
Voltage protection level [Up]	0.9 kV
Operating current [I _c]	0 kA
Follow current [IF]	0 kA
follow current extinguishing capability [Ifi]	Unendlich
Response time [ta]	0
TOV-voltage L-N [UT]	335 V / 5 sec.
TOV-voltage N-PE [UT]	1200 V / 300 A / 200ms fest
Short circuit resistance (I _{cw})	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 ²
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 _n) [Up]	<0.9
Nominal discharge surge current (8/20) (L-N)	20 kA
Nominal cross section conductor	1.5 - 10 mm ²
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 _n]	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
Standards	
Homologation	VDE, ÖVE und 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	undefined
Logistic specification	
VPE Weight	0.37 kg

