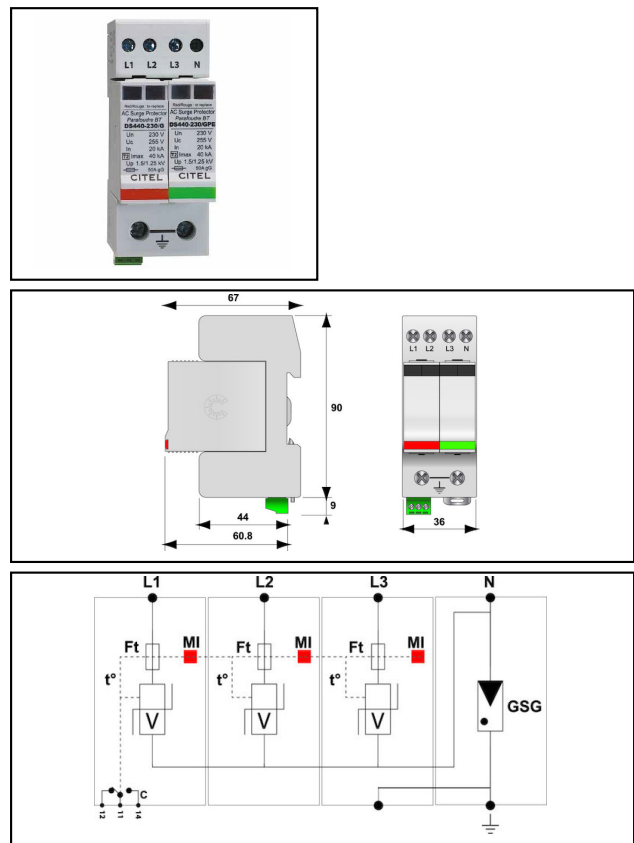


Surge protection (Type 2)

DS 440 S/G Surge protection



- Characteristics**
- surge protector type 2
 - $I_n = 20\text{kA}$; $I_{\text{max}} = 40\text{kA}$
 - 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		
296.061.512	808 418 000	T2	3+1	40	0	1.25	1.5 - 10	80	Yes	1

Technical Specifications: Surge protection DS 440 S/G

Article No.	296.061.512
SPD type	T2
Number of poles	3+1
max. discharge current (I _{max})	40 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}]	40 kA
Nominal discharge surge current (8/20)	80 kA
Voltage protection level [U _p]	1.25 kV
Protection level max. (at 5kA)	0.9 kV
Follow current [I _F]	0 kA
follow current extinguishing capability [I _{fi}]	Unendlich
Response time [t _a]	0
TOV-voltage L-N [UT]	335 V / 5 sec.
TOV-voltage N-PE [UT]	1200 V / 300A / 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)	125 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)
Construction size	2 modular spacing
Integrated backup fuse	No
Nominal cross section conductor	1.5 - 10 mm ²
Discharge current max. [I _{max}]	100 kA
Nominal discharge current [I _n]	20/Pol
Type of poles	4
With remote signalling contact	Yes
Mounting method	DIN rail (top hat rail) 35 mm
Category type 2	Yes
Degree of protection (IP)	IP20
Standards	
Homologation	VDE, ÖVE, UL
Test standards International	UL 1449 ed.3
Test standards USA	IEC 61643-11
Test standards Europe	EN 61643-11
Commercial specification	
Customs number	85363000
country of origin	undefined

