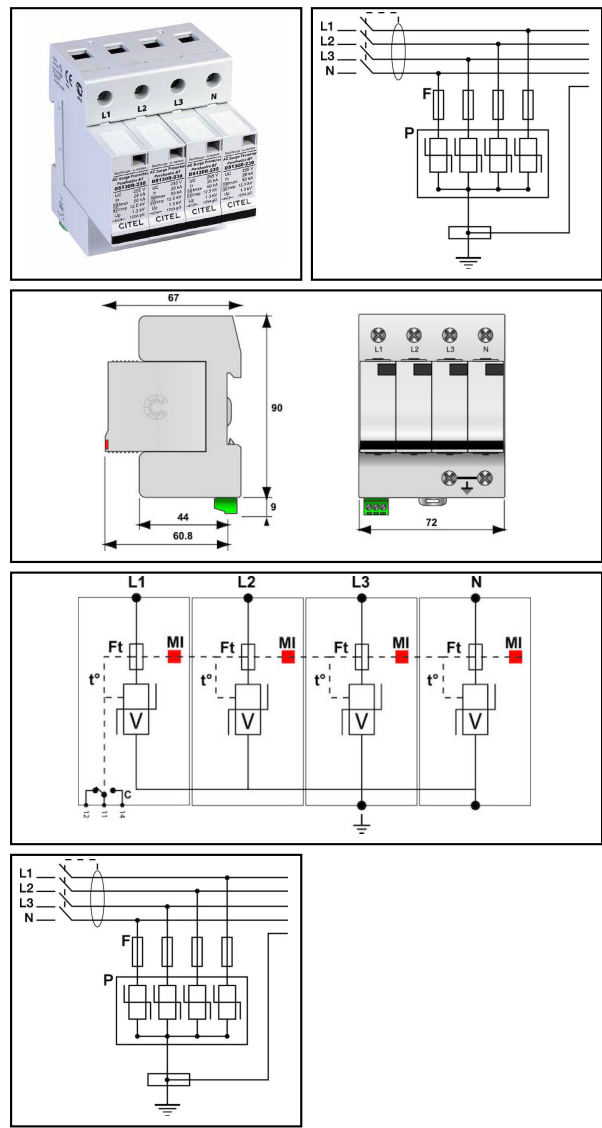


Surge Protection (Type 1)

DS 130 RS Surge Protector



- Characteristics**
- surge protector type 1+2
 - $I_{imp} = 12.5\text{kA/pole}$ (10/350 μs)
 - optimized to TOV
 - pluggable module
 - remote signaling

Article-Nr.	E-Number	 Typ/Type		 I_{imp}	 I_{max}	 t_A	 U_P			 i_n
296.045.571	808 485 000	T1 / T2	1	12.5	50	0	1.3	0 - 42	Yes	20

Accessories										
 Replacement module 296.045.570										
Article-Nr.	E-Number		 Typ/Type							
296.045.570	808 490 030	TPE	T1 / T2						DS 130 RS	1



Technical Specifications: Surge Protector DS 130 RS

Article No.	296.045.571
SPD type	T1 / T2
Number of poles	1
max. discharge current (I _{max})	50 kA
Nominal line voltage U _n AC	230 V
Continuous voltage AC max.	280 V
Nominal frequency [fn]	50 - 60 Hz
Impulse current [I _{imp}]_(10/350)	12.5 kA
Discharge current max. (8/20) μ s [I _{max}]	50 kA
Nominal discharge surge current (8/20)	20 kA
Voltage protection level [Up]	1.3 kV
Follow current [IF]	0 kA
follow current extinguishing capability [Ifi]	unendlich
Response time [ta]	0
TOV-voltage L-N [UT]	440 Vac
Short circuit resistance (I _{cw})	25 kA
Fault indication	Mechanisch, Rot
Temperature range	-40 - 85 °C
Degree of protection	IP 20
Fuse max. (gG)	160 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)
Energetically coordinated protective effect to the terminal	Yes
Nominal cross section conductor	0 - 42 mm ²
Material housing	Thermoplastik UL-94-V0
Mounting method	DIN rail (top hat rail) 35 mm
Remote signalling	Yes
Degree of protection (IP)	IP20
Construction size	1 modular spacing
Voltage protection level L-N [Up]	1.3 kV
Total discharge current (8/20) (L N-PE)	50 kA
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	0.175 kg

