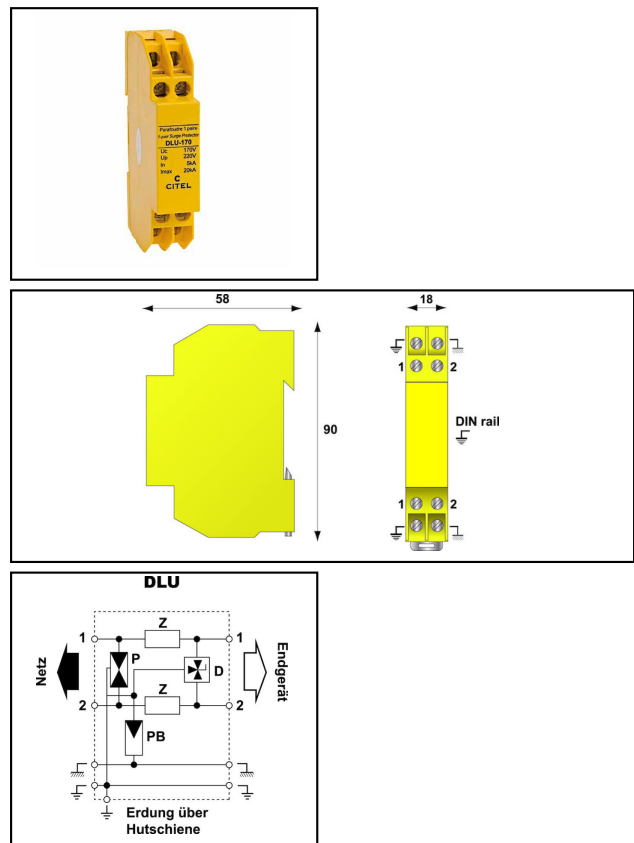


Informatics, Telecommunication

DLU Surge protection DLU-06D3



Characteristics
Designed to protect, against surge voltages due to lightning, telecom lines. Based on gas-tube tecnology with fast switching diodes.

Article-Nr.	E-Number		V U _N	ns t _A	kV U _P	kA I _{max}	mm ² 			 VE Emb.
296.074.230	970 500 003	2	6	≤1	0.02	20	0.75 - 1.5			1
296.074.232	970 501 003	2	12	≤1	0.03	20	0.75 - 1.5			1
296.074.234	970 502 003	2	24	≤1	0.04	20	0.75 - 1.5			1
296.074.236	970 503 003	2	48	≤1	0.07	20	0.75 - 1.5			1
296.074.238	970 504 003	2	150	≤1	0.07	20	0.75 - 1.5			1

Technical Specifications: Surge protection DLU-06D3 DLU

	296.074.230	296.074.232	296.074.234	296.074.236
Nominal voltage Un	6 V	12 V	24 V	48 V
Nominal voltage Un		12 kV		
Operating voltage max. [UcDC]	10 V			
Nominal line voltage Un AC	6 V	12 V	24 V	48 V
Nominal line voltage Un DC	6 V	12 V	24 V	48 V
Continuous voltage AC max.	7 V	10 V	20 V	37 V
Signal critical frequency	3 MHz			3 MHz
Continuous voltage DC max.	10 V	15 V	28 V	53 V
Nominal load current	0.3 A			
Voltage protection level [Up]	0.02 kV	0.03 kV	0.04 kV	0.07 kV
Response time [ta]	≤1 ns			
Fault indication	Kurzschluss			
Temperature range	-40 - 85 °C			
Degree of protection	IP20			
Dimensions	Siehe Massbild			
Signaling on the device	None			
Connection cross section solid / stranded max.	1.5 mm²			
Nominal cross section conductor	0.75 - 1.5 mm²			
Signal nominal load current	0.3 A			
Signal - maximum continuous voltage AC	10 V			37 V
Nominal discharge current [In]	5			
Discharge current max. [Imax]	20 kA			
Connector (information technology)	Clamp			
Mounting method	DIN rail (top hat rail) 35 mm			
With remote signalling contact	No			
Number of wires	2			
Applications with interface	RS485 RS422	Profibus- FMS Interbus Fieldbus- H1 Batibus LON		48 V Analoges Telefon ADSL
Standards				
Homologation	UL			
Test standards International	IEC 61643-21			
Test standards USA	UL497A&B			
Commercial specification				
Customs number	85363000			
country of origin	undefined	CE	undefined	
Logistic specification				
VPE Weight		0.075 kg	0.077 kg	

	296.074.238
Nominal voltage Un	150 V
Nominal voltage Un	
Operating voltage max. [UcDC]	170 V
Nominal line voltage Un AC	150 V
Nominal line voltage Un DC	150 V
Continuous voltage AC max.	121 V
Signal critical frequency	10 MHz
Continuous voltage DC max.	170 V
Nominal load current	0.3 A
Voltage protection level [Up]	0.07 kV
Response time [ta]	≤1 ns
Fault indication	Kurzschluss
Temperature range	-40 - 85 °C
Degree of protection	IP20
Dimensions	Siehe Massbild
Signaling on the device	None
Connection cross section solid / stranded max.	1.5 mm²
Nominal cross section conductor	0.75 - 1.5 mm²
Signal nominal load current	0.3 A
Signal - maximum continuous voltage AC	121 V
Nominal discharge current [In]	5
Discharge current max. [Imax]	20 kA
Connector (information technology)	Clamp
Mounting method	DIN rail (top hat rail) 35 mm
With remote signalling contact	No
Number of wires	2
Applications with interface	ISDN
Standards	
Homologation	UL
Test standards International	IEC 61643-21
Test standards USA	UL497A&B
Commercial specification	
Customs number	85363000
country of origin	undefined
Logistic specification	
VPE Weight	0.075 kg