

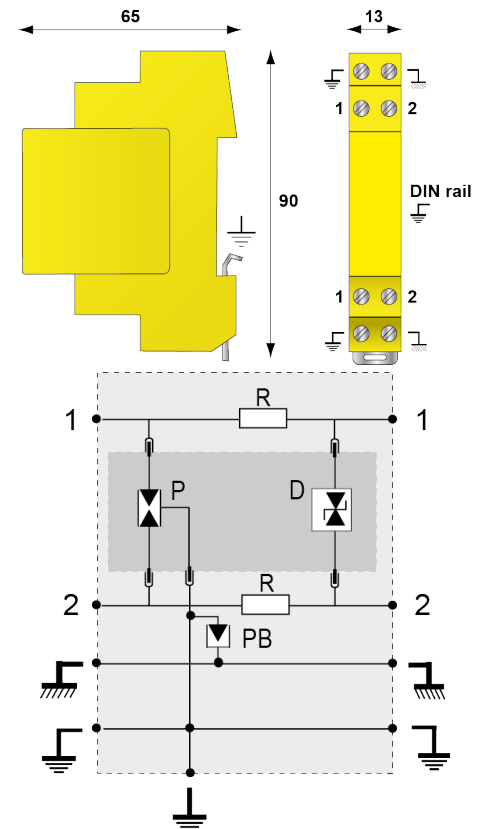


## DLA-48D3

- Din rail plug-in surge protector
- 1-pair
- Un: 48 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance
- UL497A



Electrical Characteristics		
Network		IDSN-T0, 48V line
Nominal line voltage	$U_n$	48 V
Max. DC operating voltage	$U_c$	53 V
Max. load current	$I_L$	300 mA
Max. frequency	$f$	> 3 MHz
Insertion loss		< 1 dB
Max. discharge current <i>max. withstand @ 8/20 <math>\mu</math>s by pole</i>	$I_{max}$	20 kA
Line inductance		No
Protection mode(s)		Common/Differential mode
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	$U_p$	70 V
Impulse current <i>2 x 10/350 <math>\mu</math>s Test - D1 Category</i>	$I_{imp}$	5 kA
Nominal discharge current <i>8/20 <math>\mu</math>s Test x 10 - C2 Category</i>	$I_n$	5 kA
Line/Line Nominal discharge current <i>8/20 <math>\mu</math>s Test x 10 - C2 Category</i>	$I_n L/L$	5 kA
Line/Ground Nominal discharge current <i>8/20 <math>\mu</math>s Test x 10 - C2 Category</i>	$I_n L/PE$	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		1-pair + shielded
Connection to Network		screw terminal - cross section 0.4-1.5 mm <sup>2</sup>
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		Short-circuit - transmission cut-off - fault mode 2
Spare module(s)		DLAM-48D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL listed
Part Number		6403021



P: 3-electrode gas tube  
 PB: 2-electrode gas tube  
 R: Resistor  
 D: Clamping diode