

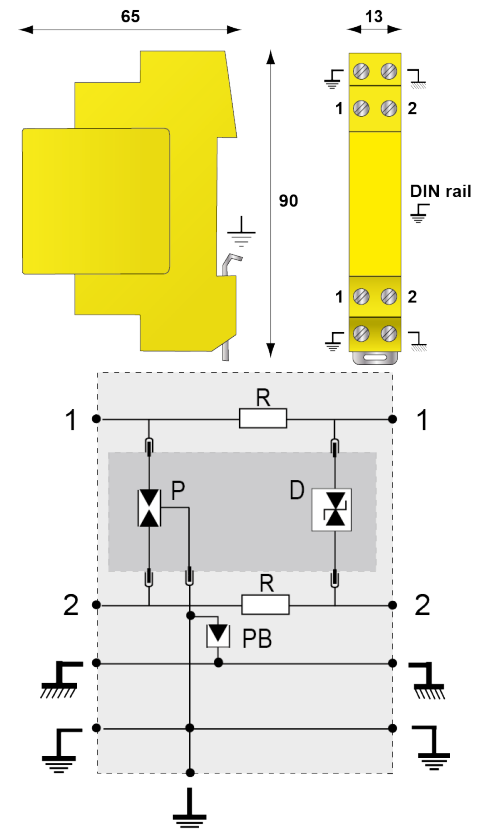


DLA-06D3

- Din rail plug-in surge protector
- 1-pair
- Un: 6 V
- Shield wire protection
- Without line cut-off
- IEC 61643-21 compliance
- UL497A



Electrical Characteristics	
Network	RS422, RS485
Nominal line voltage	U_n 6 V
Max. DC operating voltage	U_c 8 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 μs 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 20 V
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I_{imp} 5 kA
Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	I_n 5 kA
Line/Line Nominal discharge current <i>8/20 μs Test x 10 - C2 Category</i>	$I_n L/L$ 5 kA
Line/Ground Nominal discharge current <i>8/20 μs 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 ²
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-06D3
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A
Certification	UL listed
Part Number	6401011



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