



1-pair DIN rail plug-in Data surge protector

CITEL

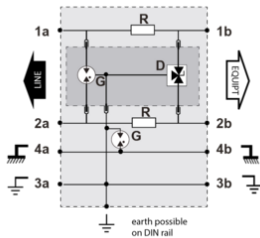
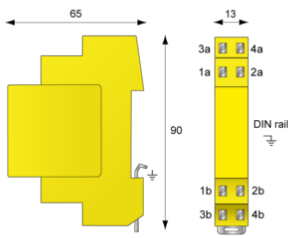
DLA-06D3/R



- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance



Electrical Characteristics	
Network	RS422, RS485
Nominal line voltage	Un 6 V
Max. DC operating voltage	Uc 8 Vdc
Max. frequency	f max. > 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 level <i>@ In (8/20 μs)</i>	Up L/L 20 V
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Max. capacitance	C < 50 pF
Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	I _{imp} 5 kA
Nominal discharge current <i>C2 Category</i>	I _n 5 kA
Line resistance	< 4.7 Ohm
Mechanical Characteristics	
Technology	GDT+Clamping diode
SPD configuration	1-pair+shielded
Connection to Network	Spring terminal: cross section 0.5-2.5mm ²
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating and storage temperature	-40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt - default mode 2
Spare module(s)	DLAM-06D3
Dimensions	See diagram
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21
Part number	
6401014	



G: 3-electrode gas tube
 Gb: 2-electrode gas tube
 R: Resistor
 D: Clamping diode

