



# 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



	<b>Electrical Characteristics</b>	
	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>	Imax 20 kA
	Line inductance	No
	Protection level <i>@ In (8/20 μs)</i>	Up L/L 20 V
	Protection level <i>@ In (8/20 μs)</i>	Up L/PE 20 V
	Max. capacitance	C < 50 pF
	Impulse current <i>2 x 10/350 μs Test - D1 Category</i>	Iimp 5 kA
	Nominal discharge current <i>C2 Category</i>	In 5 kA
	Line resistance	< 4.7 Ohm
<p>G: 3-electrode gas tube Gb: 2-electrode gas tube R: Resistor D: Clamping diode</p>	<b>Mechanical Characteristics</b>	
	Technology	GDT+Clamping diode
	SPD configuration	1-pair+shielded
	Connection to Network	Spring terminal: cross section 0.5-2.5mm <sup>2</sup>
	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
<b>Standards</b>		
	Standards compliance	IEC 61643-21 / EN 61643-21
<b>Part number</b>		
	6401014	

