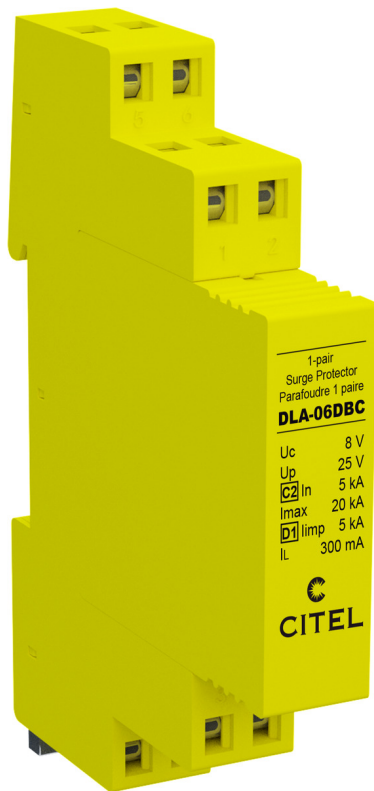




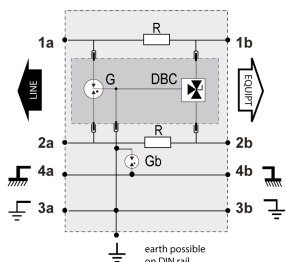
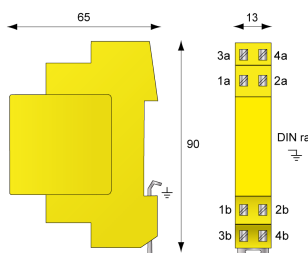
CITEL



1-pair DIN rail plug-in Data surge protector

DLA-06DBC/R

- » Discover our latest innovation : the [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



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

Electrical Characteristics

Network		MIC/T2, 10BaseTRS485
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	20 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA
Nominal discharge current C2 Category	In	5 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	25 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	20 V
Max. capacitance	C	< 50 pF
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Technology	GDT+TVS diode
SPD configuration	1-pair+shielded
Connection to Network	Spring terminal: cross section 0.5-2.5mm²
Format	Din Rail Base-Plug-in Module
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-06dBC
Dimensions	See diagram

Standards

Standards compliance	IEC 61643-21 / EN 61643-21
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Part number

6401214

