



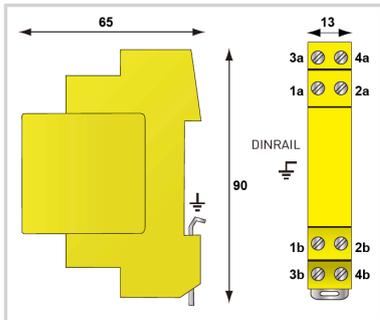
CITEL

1-pair DIN rail plug-in Data surge protector

DLAH-06DBC



- › Discover our latest innovation : the [DLAH-06D3](#)
- › Din rail plug-in surge protector
- › Coordination inductor
- › 1-pair
- › Up to 2.4 A line current
- › Shield wire protection
- › Without line cut-off
- › IEC 61643-21 compliance
- › UL497B



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	2.4 A
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20 μs Test x 10 - C2 Category	In L/PE	5 kA
Line inductance (± 10 %)		10 μH
Protection Level C3 (10/1000 μs), 300 applications@10 A, Y-Y (Line/Line)	Up	25 V
Protection Level C3 (10/1000 μs), 300 applications@10 A, Y-C (Line/Earth)	Up	20 V
Impulse current 2 x 10/350 μs Test - D1 Category	Iimp	5 kA
Impulse current D1 (10/350 μs), 2 applications, X-C (Line/Earth)	Iimp	5 kA
Line/Line Nominal discharge current C2 Category	In L/L	5 kA

Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		1-pair+shielded
Connection to Network		By screw terminal: cross section 0.4-1.5mm ²
Format		Plug-in DIN box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAHM-06DBC
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Environmental standards		EU RoHS

Part number

641011

