



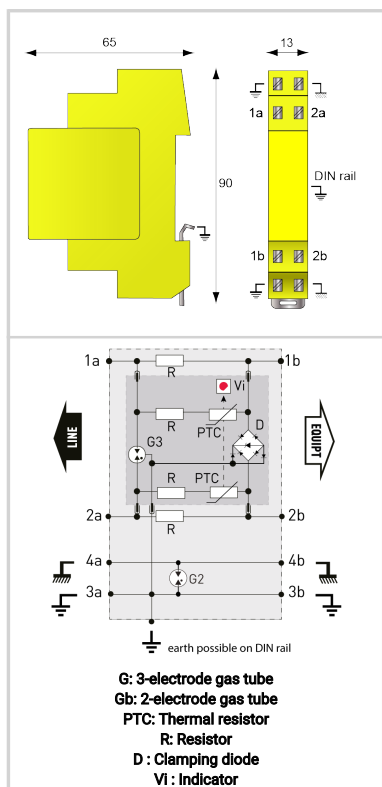
CITEL



1-pair DIN rail plug-in Data surge protector

DLAS1-06D3/R

- › 1-pair Pluggable SPD for dataline
- › Visual indicator in failsafe behaviour
- › Without line cut-off
- › Line voltage 6 Vdc
- › Din rail mounting, spring contact
- › IEC/EN 61643-21 and UL497B compliance



Electrical Characteristics

Network		RS422
Nominal line voltage	Un	6 V
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	3 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	5 kA
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	20 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	20 V
Impulse current D1 (10/350µs), 2 applications, X-C (Line/Earth)	Iimp	5 kA
Line/Line Nominal discharge current C2 Category	In L/L	5 kA
Line resistance (± 10%)		4.7 Ohm

Mechanical Characteristics

Technology	GDT+Clamping diode+PTC (thermal resistor) + Resistor
SPD configuration	1-pair+shielded
Connection to Network	By spring contact terminal: 0.5-4 mm 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	Opening line - transmission cut-off - fault mode 2
Disconnection indicator	Visual indicator is red
Spare module(s)	DLAS1M-06D3
Dimensions	See diagram

Standards

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

Part number

6415014

