



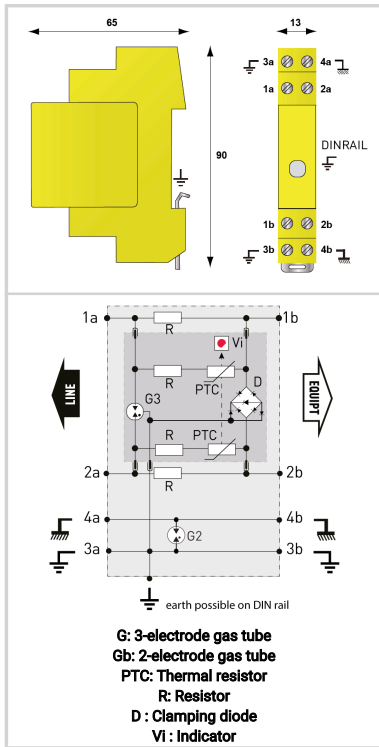
CITEL

1-pair DIN rail plug-in Data surge protector

DLAS1-24D3



- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 24 Vdc
- Din rail mounting, Screw terminals
- IEC/EN 61643-21 and UL497B compliance



G: 3-electrode gas tube
Gb: 2-electrode gas tube
PTC: Thermal resistor
R: Resistor
D: Clamping diode
VI: Indicator

Electrical Characteristics

Network		4-20mA, Liaison 24V
Max. DC operating voltage	Uc	28 Vdc
Max. frequency	f max.	3 MHz
Max. load current @25°C	IL	300 mA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax	20 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In L/PE	5 kA
Protection Level <i>C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	40 V
Protection Level <i>C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	40 V
Impulse current <i>D1 (10/350µs), 2 applications, X-C (Line/Earth)</i>	Iimp	5 kA
Line/Line Nominal discharge current <i>C2 Category</i>	In L/L	5 kA
Line resistance (± 10%)		2.2 ohm

ELEC

Nominal line voltage	Un	24 V
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Mechanical Characteristics

Technology		GDT+Clamping diode+PTC (thermal resistor) + Resistor
SPD configuration		1-pair+shielded
Connection to Network		By screw terminal: cross section 0.5-2.5mm²
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-24D3
Dimensions		See diagram

Standards

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

Part number

6415031

