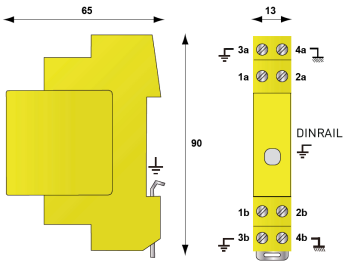
1-pair DIN rail plug-in Data surge protector

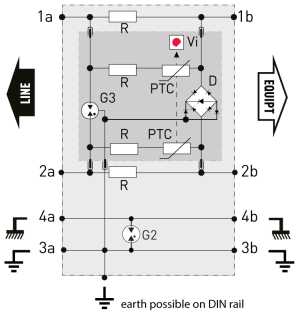
DLAS1-12D3



- 1-pair Pluggable SPD for dataline
- Visual indicator in failsafe behaviour
- Without line cut-off
- Line voltage 12 Vdc
- Din rail mounting, Screw terminals
- IEC/EN 61643-21 and UL497B compliance

CE





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

Electrical Characteristics		
Network		RS232 - RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 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	30 V
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)*	Up	30 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%)		2.2 ohm
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 - transmision cut-off - fault mode 2
Disconnection indicator		Visual indicator is red
Spare module(s)		DLAS1M-12D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Environmental standards		EU RoHS
Part number		
6415021		