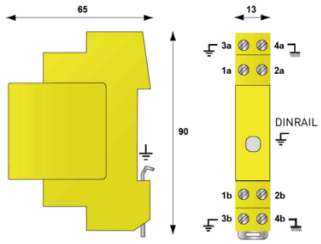
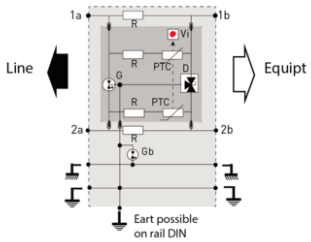
1-pair DIN rail plug-in Data surge protector

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 UL497A compliance





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

Electrical Characteristics		
Network		4-20 mA
Max. DC operating voltage	Uc	28 Vdc
Max. frequency	f max.	> 3 MHz
Max. load current	IL	300 mA
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Line inductance		No
Protection level *Following the test category C3 (IEC61643-21) - Line/Line*	Up	40 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	5 kA
Line/Line Nominal discharge current *C2 Category*	In L/L	5 kA
Line/Ground Nominal discharge current *8/20µs Test x 10 - C2 Category*	In L/PE	5 kA
Line resistance		< 4.7 Ohm
ELEC		
Nominal line voltage	Un	24 V
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		Red light on
Spare module(s)		DLAS1M-24D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A
Certification		UL Listed
Part number		
6415031		