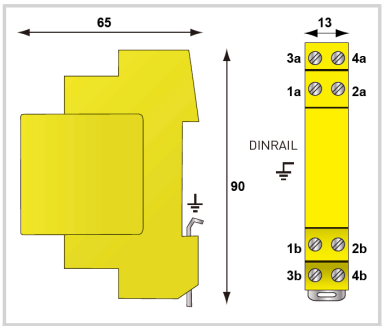
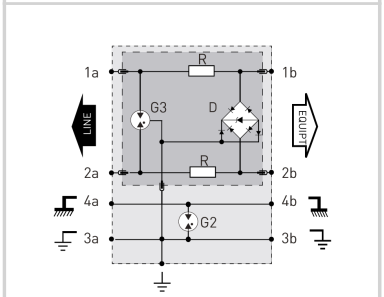
1-pair DIN rail plug-in Data surge protector

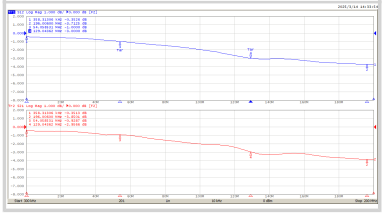
DLAW-12D3

- Din rail plug-in surge protector
- 1-pair
- Un: 6 V
- Shield wire protection
- Plug-out with line cut-off
- IEC 61643-21 compliance
- UL497B





G: 3-electrode gas tube
Gb: 2-electrode gas tube
R: Resistor
D: Clamping diode



Electrical Characteristics		
Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Cut-off frequency *-3dB, 100 ohm system*	f max.	> 115 MHz
Cut-off frequency *-1dB, 100 ohm system*	f max.	> 50 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	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		< 4.7 Ohm
Line resistance (± 10%)		4.7 Ohm
Mechanical Characteristics		
Disconnection		Specific version with line cut-off in case of removal plug-in module
Technology		GDT+TVS diode
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		Short-circuit
With line cut-off in case of removal plug-in module		Yes
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-12D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Certification		UL Listed
Environmental standards		EU RoHS
Part number		
640802		