



- ✦ Discover our latest innovation : the [DLAWS1-12D3](#)
- ✦ Din rail plug-in surge protector
- ✦ 1-pair
- ✦ Visual indicator in failsafe behaviour
- ✦ Un: 24 V
- ✦ Shield wire protection
- ✦ Line cut off when plug out module
- ✦ IEC 61643-21 compliance
- ✦ UL497B approved



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. discharge current max. withstand @ 8/20 µs by pole	Imax	20 kA
Line inductance (± 10 %)		non
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	30 V
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	20 V
Line/Line Nominal discharge current C2 Category	In L/L	5 kA
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping diode+PTC (thermal 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		Short-circuit - transmission cut-off - fault mode 3
Disconnection indicator		Red light on
Spare module(s)		DLASM-12D3
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B
Part number		
641302		