



### DLAS-12D3



- ↳ 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 <i>max. withstand @ 8/20 μs by pole</i>	Imax	20 kA
Line inductance (± 10 %)		non
Protection level <i>@ In (8/20 μs)</i>	Up L/L	30 V
Protection level <i>@ In (8/20 μs)</i>	Up L/PE	20 V
Line/Line Nominal discharge current <i>C2 Category</i>	In L/L	5 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	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 0.5-2.5mm <sup>2</sup>
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		

