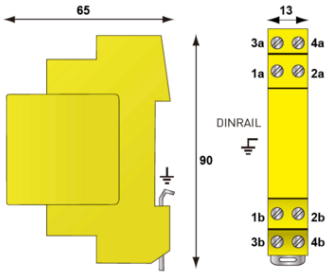
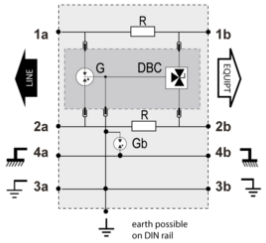
1-pair DIN rail plug-in Data surge protector

DLA-12DBC

- High current data transmission
- Common mode and differential mode protection
- Data lines, including those isolated from Earth
- Compact DIN rail enclosure, high density protection
- Protection of shield wire
- Plug-out with line cut-off
- Location and test categories: D1, C2, C3
- IEC 61643-21 compliance

CE





G: 3-electrode gas tube
Gb: 2-electrode gas tube
R: Resistor
D: Low Capacity Diode

Electrical Characteristics		
Network		RS232, RS485
Nominal line voltage	Un	12 V
Max. DC operating voltage	Uc	15 Vdc
Max. frequency	f max.	> 20 MHz
Insertion loss		< 1 dB
Max. load current *@25°C*	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	35 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	5 kA
Nominal discharge current *C2 Category*	In	5 kA
Line resistance		< 4.7 Ohm
Mechanical Characteristics		
Technology		GDT+Clamping 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
Disconnection indicator		Transmission interrupt - default mode 2
Spare module(s)		DLAM-12DBC
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21
Part number		
640221		