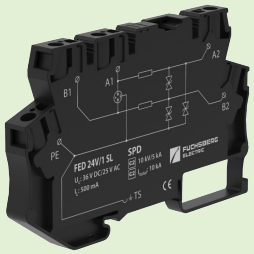
FED 24V/1 SL



Surge arrester for protection of signal networks, communication interfaces, lines of measuring and control systems

- Type D1, C2, C3
- I_{total} (10/350 µs) = 1 kA
- I_{total} (8/20 µs) = 10 kA
- Screwless terminals
- Mounting on 35 mm DIN rail

Technical Specifications		FED 24V/1 SL
Lines protected		1 (2 Conductors)
Nominal voltage	U_N	24 V DC
Maximum operating voltage	U_C	25 V AC / 36 V DC
Nominal load current	I_L	0.5 A
D1 impulse discharge current (10/350 µs) core-core	I_{imp}	0.5 kA
D1 total discharge current (10/350 µs) cores-PE	I_{total}	1 kA
C2 nominal discharge current (8/20 µs) per core	I_n	5 kA
C2 total discharge current (8/20 µs) cores-PE	I_{total}	10 kA
C2 voltage protection level mode core-core at I_n	U_p	50 V
C2 voltage protection level mode core-PE at I_n	U_p	65 V
C3 voltage protection level mode core-core at 1 kV/µs	U_p	45 V
C3 voltage protection level mode core-PE at 1 kV/µs	U_p	45 V
Response time core-PE	t_A	1 ns
Serial resistance per core	R	1.6 Ω
Treshold frequency core-core	f	4 MHz
Connection		screwless terminals
Cross-section of connected conductors rigid		0.08 mm² ... 4 mm²
Cross-section of connected conductors flexible		0.08 mm² ... 2.5 mm²
Degree of protection		IP 20
Operating temperature		-40 °C ... +70 °C
Permissible relative humidity	RH	5% ... 95%
Mounting on		35 mm DIN rail
According to standard		EN 61643-21+A1, A2:2013 / IEC 61643-21+A1, A2:2012, D1, C2, C3

Order Information	
Order number	604 133
Gross weight / net weight	52 g / 30 g
Package dimensions L x W x H	124 x 80 x 25 mm
Customs tariff number	85363010