



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

- Type D1, C2, C3
- $I_{total} (10/350 \mu s) = 1 \text{ kA}$
- $I_{total} (8/20 \mu s) = 10 \text{ kA}$
- Also available for voltage levels 6 V and 48 V
- Galvanic isolation from PE
- Screwless terminals
- Mounting on 35 mm DIN rail

Technical Specifications

Lines protected	
Nominal voltage	U_N
Maximum operating voltage	U_C
Nominal load current	I_L
D1 impulse discharge current (10/350 μs) core-core	I_{imp}
D1 total discharge current (10/350 μs) cores-PE	I_{total}
C2 nominal discharge current (8/20 μs) per core	I_n
C2 total discharge current (8/20 μs) cores-PE	I_{total}
C2 voltage protection level mode core-core at I_n	U_p
C2 voltage protection level mode core-PE at I_n	U_p
C3 voltage protection level mode core-core at 1 kV/ μs	U_p
C3 voltage protection level mode core-PE at 1 kV/ μs	U_p
Response time core-core / core-PE	t_A
Serial resistance per core	R
Threshold frequency core-core	f
Connection	
Cross-section of connected conductors rigid	
Cross-section of connected conductors flexible	
Degree of protection	
Operating temperature	
Permissible relative humidity	RH
Mounting on	
According to standard	

FEDG 24V/1 SL

1 (2 Conductors)
24 VDC
25 VAC / 36 VDC
0.5 A
0.5 kA
1 kA
5 kA
10 kA
50 V
350 V
45 V
500 V
1 ns / 100 ns
1.6 Ω
4 MHz
screwless terminals
0.08 mm ² ... 4 mm ²
0.08 mm ² ... 2.5 mm ²
IP 20
-40 °C ... +70 °C
5% ... 95%
35 mm DIN rail
EN 61643-21+A1, A2:2013 / IEC 61643-21+A1, A2:2012, D1, C2, C3

Order Information

Order number	
Gross weight / net weight	
Package dimensions L x W x H	
Customs tariff number	

604 131
54 g / 30 g
124 x 80 x 25 mm
85363010

