



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

- Type D1, C2, C3
- $I_{total} (10/350 \mu s) = 5 \text{ kA}$
- $I_{total} (8/20 \mu s) = 20 \text{ kA}$
- Horizontal pitch: 1 Div.
- 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 nominal discharge current (8/20 μs) GND-PE	I_n
C2 total discharge current (8/20 μs) cores-PE	I_{total}
C2 voltage protection level mode core-core at 1 kV/ μs	U_p
C3 voltage protection level mode GND-PE at 1 kV/ μs	U_p
C3 voltage protection level mode core-GND at 1 kV/ μs	U_p
Response time core-core / GND-PE / core-GND	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	

Order Information

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

FED 24V/1 M

1 (2 Conductors)
24 VDC
25 VAC / 36 VDC
2 A
2.5 kA
5 kA
10 kA
10 kA
20 kA
46 V
550 V
46 V
1 ns / 100 ns / 100 ns
0.4 Ω
4 MHz
screw contact
0.14 mm ² ... 4 mm ²
0.14 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

604 233
112 g / 88 g
124 x 80 x 25 mm
85363010

