

## PART NO: KM-DP-048-V/1-F16

**TYPE:** Surge arrester for low voltage AC/DC power supplies

**DESCRIPTION:** Surge protection device for all types of low voltage electric and electronic equipment rated up to 48 volts (nominal). Install close to protected equipment in low voltage power circuits.

**RATING:** 170V DC and 510V DC maximum operating voltages



### Standards

EN 61643-11 (surge protection devices).

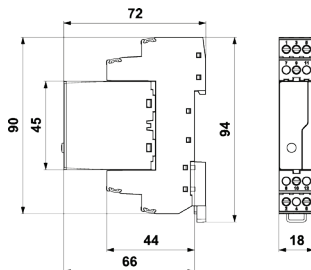
**Type:** T3, C2

**Location:** ST 2

### Electrical specification

Order number	KM-DP-048-V/1-F16	
Connection (input - output)	terminals - terminals	
Nominal voltage	$U_n$	48V AC
Maximum operating voltage (AC/DC)	$U_c$	60V AC / 60V DC
Nominal load current	$I_L$	16A
C2 Nominal discharge current (8/20 $\mu$ s) per core	$I_n$	2kA
C2 Voltage protection level mode core-core at $I_n$	$U_p$	370V
C2 Voltage protection level mode core-PE at $I_n$	$U_p$	750V
Test voltage L+ - L- / L+ (L-) - PE / M - PE		4kV
Voltage protection level L+ - L-		0.37kV
Voltage protection level L+ (L-) - PE / M-PE		0.75kV
Maximum overcurrent protection		16A gL/gG or B 16A
Response time L+ - L-		25ns
Response time L+ (L-) - PE / M-PE		100ns
Cross-section of connected conductors (solid) (min - max)		0.14mm <sup>2</sup> - 4mm <sup>2</sup>
Cross-section of connected conductors (stranded) (min - max)		0.14mm <sup>2</sup> - 2.5mm <sup>2</sup>
Fault indication		Red indicator
Degree of protection		IP20
Range of operating temperatures (min - max)		-40°C - +70°C
Mounting		DIN rail 35mm
According to standard	EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012, EN 61643-11:2012, IEC 61643-11:2011 / T3, C2	
ETIM Class		EC000942
Weight		95g (nett), 120g (gross)

### Dimensions:



### Wiring diagram:

