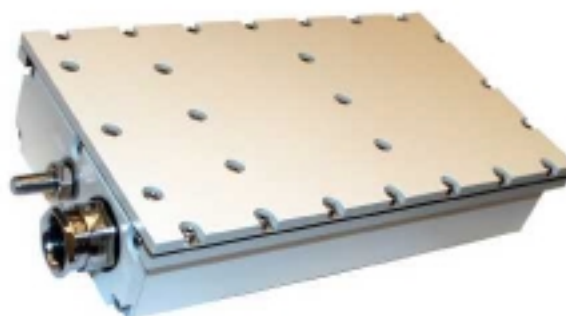


# 6 PAIRS PROTECTION

## GENERALITIES

This filter is designed to protect electrical and electronic systems installed in stationary position or in mobile technical shelters against transients induced by lightning or EMP on low current remote control lines.

The modules that constitute the protection are independent, interchangeable and proposed separately.



## Ordering information

**56 151 752**

## Electrical Characteristics

Rated voltage	50 Vdc
Rated current	2 Adc
Voltage drop under 2 Adc	< 1 Vdc
Insulation resistance under 50Vdc	> 50 MΩ
Surge life 8x20μs with peak surge of 5kA	10 times
Discharge voltage 8x20μs - 2 kA	< 100 V
Discharge voltage 0,7x3μs - 5 kA	< 100 V
Discharge voltage MIL STD 461E / CS116	< 10 V
Insertion loss under 50W	> 50 dB at 300kHz - > 60dB from 1MHz to 20 GHz

## Mechanical Characteristics

Vibrations according to MIL STD 810 F template C1 & C3	3 hours per axe
Shocks according to MIL STD 810 E	6 Shocks per axe 25g - 6ms 18 shocks altogether
Fixing	Feedthrough by 1 Ø24 threaded tube
Connection	Binding screw terminal (1.5 mm <sup>2</sup> in flexible - 2.5 mm <sup>2</sup> in rigid)
Dimensions H x W x P	280 x 160 x 65 mm
Weight	4 kg (8.8 lb)

## Environmental Characteristics

Operating temperature range	-25°C to +55°C (-13°F to +131 °F)
Storage temperature range	-40°C to +70°C (-40°F to + 158°F)C

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COMMUNICATIONS