

FILTER

230 V – 20 A

Janvier 2002

GENERALITIES

This product is designed for clamping and filtering the overvoltages caused by lightning, NEMP or transients induced on single phase power supply for 20 Amps currents.

APPLICATION

This product is destined for the protection of electronic and electrical equipment fixed or mobile installed in technical shelters.

INSTALLATION

Mounting on Faraday cage.



Ordering information

56 151 310

Electrical Characteristics

Rated voltage	230 Veff
Rated current	20 Aeff
Power	4,6 kVA
Voltage drop under 20 Arms	< 2 Veff
Leakage current under 230 Vrms	< 2 Aeff
Insulation resistance under 500 Vdc	> 50 MΩ
Surge life 8x20µs with peak surge of 20kA	1 time
Surge life 8x20µs with peak surge of 10kA	10 times
Discharge voltage 8x20µs - 5 kA	< 400 V
Discharge voltage 0,7x3µs - 5 kA	< 50 V
Discharge voltage air-underground	< 300 V
Insertion loss under 50Ω	> 80dB de 300kHz à 1 GHz

Mechanical Characteristics

Fixing	Feedthrough by 1 Ø33 threaded tube
Connection	By crimping terminals (5 mm int. Ø)
Dimensions H x W x D	280 x 280 x 110 mm
Weight	10 kg (22 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)
Waterproof for outdoor installations	IP 54

January 2002

THALES
COMMUNICATIONS