



**EQUIPOS
TECNOLÓGICOS**

DEVICE MODEL: VTH 3FNT 63A



MULTI-STAGE PROTECTIVE SYSTEM AGAINST SURGES AND MEDIUM TO HIGH FREQUENCY FILTERING FOR A.C. LOW VOLTAGE POWER SUPPLY.

TECHNICAL DATA

Connection mode	Series / Three-phase
Nominal voltage / Freq. / Topology	240/400 Vac / 50-60 Hz / 3L+N (wye) +PE
Earthing systems	TT, TN-S & IT
Internal disconnection	MCB 80 A
Pilot lights	2

Frequency response (Z = 50 Ω)

Cut-off frequency	400 Hz
Attenuation at 30 kHz	37 dB

Surge response

Protection type	1+2
Maximum continuous operating voltage (Uc) AC	250 V _{LN} / 430 V _{LL}
Actuating threshold (Un)	275 V _{(AC)LN} / 477 V _{(AC)LL}
Response time (t _A)	25 ns
I _{tmax} (8/20) Line – Neutral / Line – Line	125 kA / 125 kA
I _{tmax} (8/20) Neutral – Earth / Line – Earth	125 kA / 125 kA
I _{tmax} (8/20) Total	890 kA
Protection stages	4

Installation data

Minimum recommended cross-section of connecting wire	Cu 35 mm ²
Recommended protection before the device	63 A
Enclosure	Metal cabinet
Mounting method	Wall fixture
Operating temperature range	[-10 °C ... +85 °C]
IP protection degree	IP 20
Location	Indoor
Dimensions (mm) (height-width-depth)	500x400x200



This protection device has been made with safety in mind, but if used in ways inappropriate or not specified by the manufacturer it may cause damage to people or equipment.

Installing and commissioning of the device should be entrusted to a qualified technician and always according to relevant regulation. If the device does not work properly please contact the manufacturer at telephone number (+34) 96 383 81 22 or email address mdtecnologicos@mdtecnologicos.com.

Before maintenance, repair or handling of any sorts, please ensure disconnection from power supply. Inside the device, dangerous voltage may be present.

MD EQUIPOS TECNOLÓGICOS

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