

# ABSORBER MCD & MCD-E TRANSIENT SURGE PROTECTION

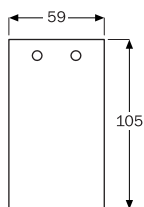


Ref. 370070

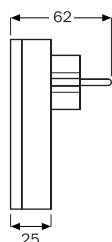


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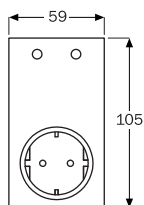
Front View Mod. MCD



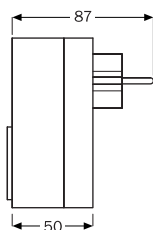
Side View Mod. MCD



Front View Mod. MCD-E



Side View Mod. MCD-E



Measurements in mm.

## TECHNICAL CHARACTERISTICS

TYPE	MCD	MCD-E
Nominal Voltage $U_N$	230 V AC (50Hz)	
Maximum working Voltage $U_C$	275 V AC (50Hz)	
Nominal discharge Intensity $I_N$ (8/20)	5 kA	5 kA
Maximum discharge Intensity $I_{max}$ (8/20)	8 kA	8 kA
Response Time $t_A$	< 25 ns	< 25 ns
Protection Level $U_p$	$\leq 1$ kV	$\leq 1$ kV
Nominal load current $I_L$	—	16 A
Weight	200 gr.	238 gr.

Subject to technical modification

## PRODUCT

**ABSORBER MCD and MCD-E.** Protection against transient surges for equipment classified as category 1 (ITC-BT-23). Protector Type III (Fine protection).

## APPLICATIONS

Protection against transitory surges of general electrical facilities connected to **single-phase** low voltage **230V** mains power. Protection in common and differential mode. It is suitable for protection against surges produced by atmospheric discharges, switches, and connections and disconnections of elements or parts of the facilities.

The **ABSORBER MCD** protector against transient surges combines double protection and offers very low residual values, thus being especially suitable for protection of such equipment intended to be connected to an electrical installation.



Fax



Computer



Printer

## OPERATION

The **ABSORBER MCD** protector limits surges transmitted over the electrical grid and discharges the energy to a residual voltage level which is acceptable for the charge to be protected ( $\leq 1$ kV).

The unit has a visual operation indicator and a visual deterioration indicator.

Model **MCD-E**, includes a front jack for connecting equipment to the electrical grid.

## INSTALLATION

The unit is connected at the start of the line to be protected in a grounded socket, thus protecting the entire line which corresponds with the derivation.