ELECTRIC PROTECTION FOR RADIO EQUIPMENTS
TRANSIENT SUPPRESSOR

The OMB **TRANSIENT SUPPRESSOR** system has been conceived to protect all radio equipment connected to the mains. A set of arrestors make the transients not to reach the protected equipment and a computerized analysis of the grid sends a pulse to turn off the transmitter using a breaker. If the network is not within parameters preset by the user, the transmitter will be completely isolated from the mains. Once the computer system analyzes the network is within the preset parameters, the system resends a pulse that resets the breaker. This equipment is available for single and three phase systems with different current capabilities.

GENERAL CHARACTERISTICS

AC POWER SUPPLY	230V ±20%
CONSUMPTION	5.5VA
MAXIMUM SUPPORTED POWER	Single-phase installation: 40A, Three-phase installation: 63A, (another currents under request)
VISUALIZATION	3 digits display, 12 indication leds (ON, OFF, Set/Vis, Ith, Iv, Ir, Vs, Vt, Max., Min., Nrec, Time)
KEYS	6 (Test, Reset, Select, +, -, Set/Vis)
MEASUREMENT SYSTEM	Microprocessor controlled True RMS values Display refresh: 1 lec/s
ISOLATION	1 GΩ between the 230V input plus the circuit's remaining components and the relay outputs
DIELECTRIC STRENGHT	2500VAC

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MEASURABLE PARAMETERS

EVENTS	Nº of events
DIFFERENTIAL CURRENTS	Units: mA Scale: 30mA-500mA Resolution: 1mA Accuracy: +0..-15% F.E.
VOLTAGE	Units: V Scale: 180-270V Resolution: ±1 digit Accuracy: ±2% F.E.

CONTAINER CHARACTERISTICS

PROTECTION DEGREE	Front: IP54 Box: IP20 Terminals: IP20
DIMENSIONS	140x110x70mm
ASSEMBLY	DIN rail or 2 M4 screws
DESIGN STANDARDS	IEC 255-5, IEC 1008, UNE 802-4, IEC 600100-1

WORKING CONDITIONS

OPERATION TEMPERATURE RANGE	-10 to +50°C
RELATIVE HUMIDITY	75% HR
INSTALLATION CATEGORY	CAT II
POLLUTION DEGREE	2

** The images and/or technical specifications are subject to change without previous notice.*

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