

## ELECTRIC PROTECTION FOR RADIO EQUIPMENTS TRANSIENT SUPPRESSOR

The OMB **TRANSIENT SUPPRESSOR** system has been conceived to protect against power surges. A set of arrestors make the transients not to reach the protected equipment and to turn off the transmitter using a recloser breaker. If the mains voltage is not within the preset parameters, the transmitter will be completely isolated from the mains. Once the mains voltage is within the preset parameters, the system resends a pulse that resets the circuit. This equipment is available for single and three phase 380V neutral systems with different current capabilities.



### GENERAL CHARACTERISTICS

<b>AC POWER SUPPLY</b>	230V ±20%, 125V, 380V neutral
<b>CONSUMPTION</b>	Power voltage threshold 275V <sub>AC</sub>
<b>MAXIMUM SUPPORTED POWER</b>	Single-phase installation: 40A, Three-phase installation: 40A, (another currents under request)
<b>ISOLATION</b>	1 GΩ between the 230V input plus the circuit's remaining components and the relay outputs
<b>DIELECTRIC STRENGTH</b>	2500V <sub>AC</sub>

### FEATURES OF THE BOX

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

### WORKING CONDITIONS

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

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