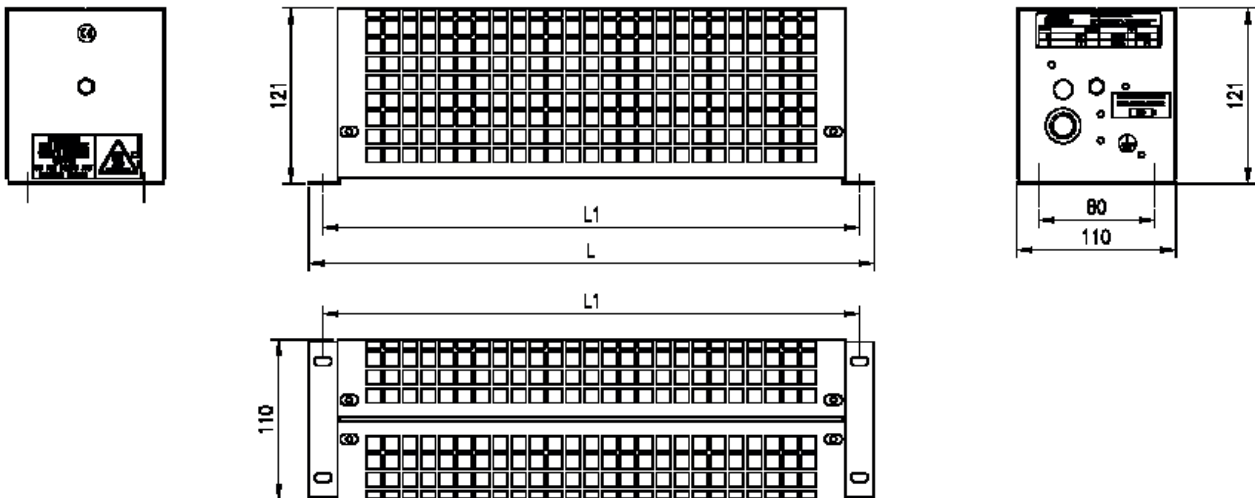


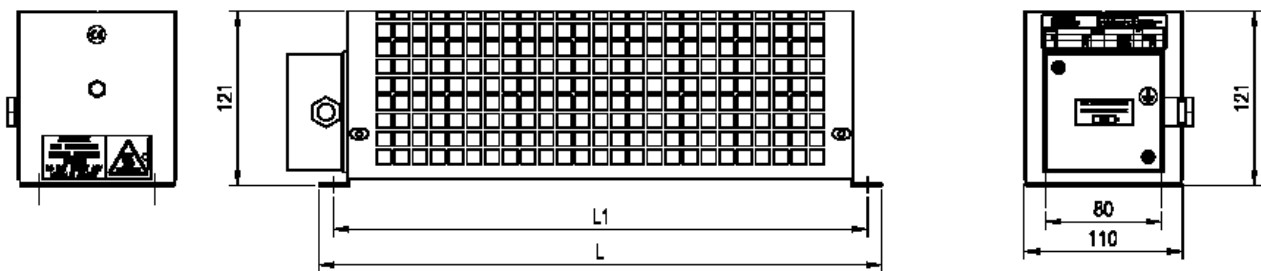
POWER BRAKING RESISTORS MODEL ROS

TECHNICAL DESIGN

VERSION "A" :



VERSION "B" :



GENERAL FEATURES

These resistors are supplied in the version protected by a galvanized steel grid case with an open bottom. They are made up of RFC type resistors consisting of a cylindrical ceramic support with the resistive wire winding. The external protection of the resistor consists of a ceramic cement lining. These resistors are used in start up and adjustment of motors, in electric braking devices and in load systems for generating sets, testing benches, suppression of harmonics and grounding of the star centre.

USE AS ANTI-CONDENSATION HEATERS

These resistors may be used as anti-condensation heaters for electric control panels.

ELECTRICAL CHARACTERISTICS

- Standard tolerance: $\pm 5\%$
- Temperature coefficient ≤ 100 ppm/°C
- Maximum tension applicable 1000 V
- Level of Protection: IP20 Standard
- Connection directly on resistor terminals from the open bottom (standard)

OPTIONAL

- Application of an NC KLIXON type thermal contact
- Level of protection IP IP21.
- Version B / protected external connection terminal
- External connection terminal protected for KLIXON cables
- Ohm values off standard compatibly with operation
- Intermediate sockets
- Off standard tolerances
- Epoxy powder paint in RAL colours on request.

TIPO		ROS 1	ROS 2	ROS 3	ROS 4
Power rating at 25°C		500 W	800 W	1100 W	1300 W
Absorbable Energy in 5" (MILR26)		22 KJ	36 KJ	49 KJ	58 KJ
Standard resistance range		5R \div 5K	5R \div 5K	5R \div 8K	5R \div 8K
Max. working Voltage		1000 V	1000 V	1000 V	1000 V
Dielectric strength		3000 V	3000 V	3000 V	3000 V
Insulation Resistance		≥ 100 Mohm	≥ 100 Mohm	≥ 100 Mohm	≥ 100 Mohm
Tolerance of resistance		$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
DIMENSIONS (RIF. DRAWING)		ROS 1	ROS 2	ROS 3	ROS 4
Length	"L" mm	350	450	550	550
Dimension	"L1" mm	330	430	530	530
Weight Kg		2,5	3,7	4,5	5,5