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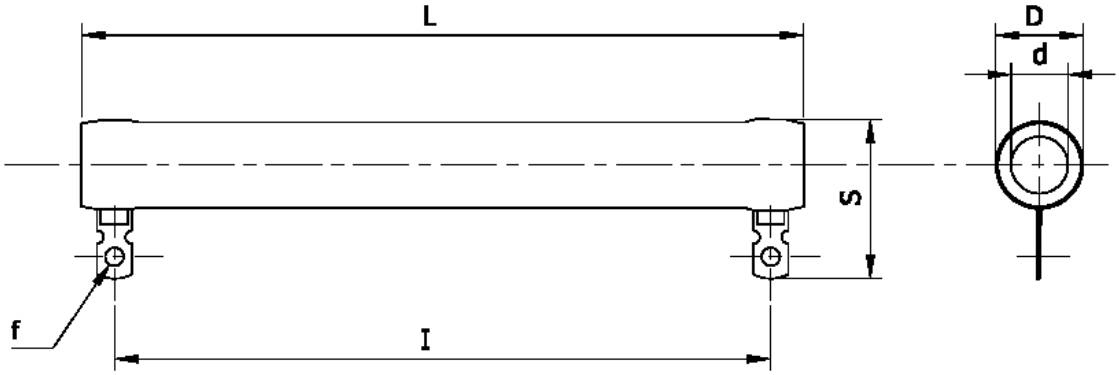
ENAMELLED WI-REWOUND RESISTORS MODEL SMA

GENERAL FEATURES



SMA TYPE	8x45	13x64	14x51	14x76	14x102	16x90	19x165	29x165	29x215	29x265
Power rating	12 W	25 W	25 W	35 W	50 W	50 W	100 W	150 W	200 W	250 W
Min. Ohmic Value	1R	1R	1R	1R	1R	1R	1R	1R	1R	1R
Max Ohmic value	22 K	47 K	47 K	47 K	56 K	56 K	100 K	100 K	150 K	180 K
Limit Voltage	500 V	700 V	700 V	1000 V	1500 V	1500 V	2000 V	2000 V	2500 V	3000 V
DIMENSIONS	8x45	13x64	14x51	14x76	14x102	16x90	19x165	29x165	29x215	29x265
L mm	45	64	51	76	102	90	165	165	215	265
D mm	10	15,5	15,5	15,5	15,5	18	20,5	30,5	30,5	30,5
d mm	5	7	8,2	8,2	8,2	9,5	13	18,5	18,5	18,5
I mm	36	51	38	63	69	78	150	150	200	250
S mm	23	29	29	29	29	32	36	46	46	46
f mm	3,2	3,2	3,2	3,2	3,2	3,2	4,2	4,2	4,2	4,2

THE OHMIC VALUE SHOWN (MIN – MAX) ARE INTENDED AS TOTAL RESISTANCE OF WINDING

GENERAL FEATURES

Professional resistors with fine electrical and mechanical characteristics, indicated for use where high power is required, along with safe operation and durability. The external lining is protected by a layer of vitreous enamel.
The resistive element consists of wire in Ni-Cr alloy or twisted constantan, on an extremely pure cylindrical ceramic support.
The resistors may be produced with different terminations depending on the model and ohm value, standard banner type B, with fast-on and pattern type terminals, and in versions with off-standard tolerances.

ELECTRICAL CHARACTERISTICS

- Standard tolerance: ± 10%
- Temperature coefficient ≤ 100 ppm/°C
- Insulation resistance > 100 Mohm (500 Vdc)
- Max operating temperature: 350 °C

OPTIONAL

A low induction Ayrton-Perry type winding can be provided on request.

MAXIMUN LOAD LIMIT

The nominal power Pn shown in the table refers to resistors placed horizontally and free in naturally circulating air, with an environmental temperature of 25° C.
With forced ventilation the nominal power dissipation capacity of the resistor increases as a function of the air speed.