

L1 and L2-Series low voltage capacitor units

PRODUCT FEATURES

Capacitor elements made of metallised polypropylene film are self-healing and dry without impregnation liquid. Each capacitor element is individually protected with patented internal fuse protection.

Capacitors come with internal discharge resistors up to 690 V (3 min. 75 V) and terminal boxes (IP42) or without terminal box (IP00). Electronic discharge devices up to 550 V are available.

Standard series, for 50 Hz or 60 Hz frequencies, are available for the following voltages: 220, 230, 240, 380, 400, 415, 440, 480, 525, 600, 660 and 690 V. Other voltages up to 1000 V are available on request.

APPLICATIONS

- All kinds of capacitor banks

TYPICAL GRID SOLUTIONS CUSTOMERS

- Panel builders
- LV switchboard manufacturers

CUSTOMER ADVANTAGES

- Easy and robust cable termination
- Internal discharge resistors
- Simple, safe and solid construction
- Self-healing
- Easy-to-install components



TECHNICAL DATA

Rated voltage	200 V to 1,000 V
Rated frequency	50 Hz or 60 Hz
Rated power	2.5 to 125 kVAr
Output	3- or 1-phase applications
Capacitance tolerance	- 5 to +10%
Insulation level	4.1 kV (690 V) or 5 kV (> 690 to 1,000 V)
Continuous overvoltage	$1.1 \times U_N$
Continuous overcurrent	$1.3 \times I_N$
Power losses	$\leq 0.4 \text{ W/kVAr}$ (with discharge resistors)
Mounting arrangement	indoor
Degree of protection	IP00 or IP42
Temperature class	- 40° C as standard (- 5/D on request)
Container	Painted steel container
Weight	2.8 to 25 kg
Color	RAL7032 (light grey)
Electrical safety	IEC 60831 - 1&2