

Single-phase electromechanical line conditioner "RI" series with isolation transformer

The three-phase line conditioners of the "RI" series share all the characteristics of the "R" series with the advantages of pairing with an insulation transformer, located upstream of the system; It then achieves total separation from the network by eliminating or mitigating disturbances on the network and protecting all equipment downstream of the stabilizer.

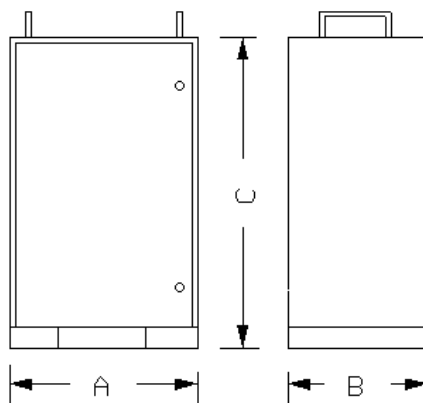
The three-phase network conditioners of the "RI" series are equipped with automatic inbound switch, digital voltmeter with input and output voltage reading, fine adjustment of stabilized voltage on each stage, inbound and output filters, protection surges.



Specifications

Rated power:	2 to 10KVA
Input Voltage:	230V c.a. single-phase
Output Voltage:	230V c.a. single-phase
Input voltage variation	196V to 264V (±15%)
Output voltage accuracy	1%
Response time	20 msec./Volt
Frequency:	50/60 Hz
Ambient temperature:	from -10°C to 40°C
Full-load efficiency	98%
Load power factor	Any
Acceptable load variation	0 to 100%

WEIGHT AND DIMENSIONS



Model	RI02K	RI03K	RI04K	RI05K	RI07K	RI10K
Width mm. A	340	340	600	600	600	600
Depth mm. B	420	420	300	300	300	300
Mm height. C	220	220	800	800	800	800
Weight kg.	30	35	64	75	84	96

Dimensions and weight may be subject to a change without notice

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STANDARD FEATURES

Metal cabinet IP20 painted RAL7032 with in/out terminals inside and front hinged door

Input automatic circuit breaker

Input and output network filtering and protection from command circuit surges

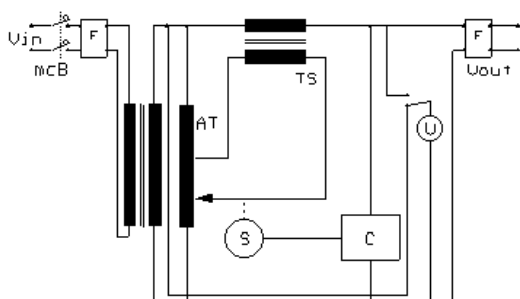
Digital voltmeter with voltage input/output reading switch

Stabilized Voltage Adjustment $\pm 5\%$

Isolation transformer insulation > 3500V

Network filtering and protection from input and output surges

instructions in Italian/English



Legend:

Vin: Voltage Input
mCB: Automatic switch
Vout: Output voltage
TS: Series Transformer
AT: Variable autotransformer
S: Servomotor
C: Control circuit
V: Digital Voltmeter