



## RVT2A - RVT25

from 100 to 162,5 kVar

Fixed power factor correction system for compensation of a Medium Voltage transformer working without load. Made of painted RAL 7035 metal sheet carpentry, with door switch, protection fuses for the three-phase capacitor battery. Warning lights for power supply and fuse condition. Wall mounted installation with cable entry from the top.

### TECHNICAL DATA AGG. 16-01-2015 1.0

		effective kVar 400V	kVar 450V	effective kVar 400V	kVar 440V
Power		79	100	87	100
Degree of protection	IP	30 (54 on demand)			
Power supply	V	400 (other voltage on demand)			
Rated frequency, $\pm 1$ Hz	Hz	50			
Auxiliary circuits	V	400 ( 110V 230V on demand)			
Environmental temperature min-max	$^{\circ}$ C	-15 $^{\circ}$ C $\div$ +35 $^{\circ}$ C			
Dimensions H x L x P	mm	700x 420 x 285			
Ventilation	—	natural			
Fuse for battery protection	—	NH00 type category gG			

CAPACITOR DATA		RVT1A.....	RVT15.....
Capacitor	—	ST Three phase	AT three-phase
Capacitors' rated voltage	V	450 (415-500-550 on demand)	440 (on demand 415V up to 800V)
Dielectric losses	W/kVar	$\leq 0,4$	$\leq 0,2$
Temperature Class	—	-25D	-40D
Maximum In rush current	A	200xIn	400xIn
Maximum over-current	A	4 x In	1,5 $\div$ 2 x In
Maximum THDI allowed on the net( r ) on the capacitors ( c )	%	r/c 25/70	r/c 20/70
Statistical life expectancy	h	130,000 (-40/D)	150.000 (-40/D)
Altitude max	m	$\leq 2000$ on sea level	$\leq 4.000$ on sea level
Dielectric system	—	MKP reinforced metallic polypropylene film	MKP reinforced metallic polypropylene film
Impregnation	—	Dry resin	N2 Nitrogen gas
Discharge resistor	—	50V - 60 s	50V - 60s
Capacitor protection	—	Overpressure device	Overpressure device
Standard accomplished	—	CEI EN 61921, CEI EN 60439-1, CEI EN 60831-1	