



## RVT2R - RVT26

from 25 to 50 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. Detune reactors, tune frequency 189 Hz. Wall mounted installation with cable entry from the top.

TECHNICAL DATA		AGG. 16-01-2015 1.0			
Power		effective kVAr 400V	kVAr 450V	effective kVAr 400V	kVAr 440V
		22 43	25 50	23 45	25 50
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	700 x 420 x 285			
Ventilation	—	natural			
Fuse for battery protection	—	NH00 type category gG			
DETUNE REACTORS					
Tuning frequency	Hz	189			
Detuning factor	%	7			
Thermal Class	—	F			
Overheating protection	—	NC Thermistor			
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 and 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 )	%	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			