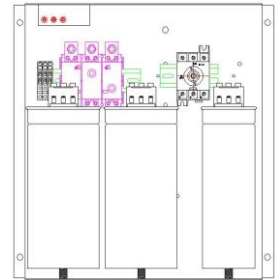




RVM1A - RVM15

from 12,5 to 75 kVAr

Semiautomatic power factor correction system for the power compensation of big electric motors or important loads. It is made of painted RAL 7035 metallic sheets with door-switch. Protection fuses for the battery and capacitors that could either single phase or three-phase. Contactor for the insertion of the capacitors with discharge resistors for limiting the insertion current, timer for limiting the insertion time (on demand). Signal lights for power supply and state of the fuse. Indoor wall mounting 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		10	12,5	11	12,5
		16	20	17	20
		20	25	21	25
		24	30	25	30
		30	37,5	31	37,5
		40	50	42	50
		50	62,5	52	62,5
		60	75	62	75
Degree of protection	IP	30 (54 on demand)			
Power supply	V	400 (other voltage on demand)			
Rated frequency, ± 1Hz	Hz	50			
Auxiliary circuits	V	400 (110V 230V on demand)			
Environmental temperature min-max	°C	-15°C ÷ +35°C			
Dimensions H x L x P	mm	440 x 420 x 285			
Ventilation	—	natural			
Fuse for battery protection	—	NH00 type category gG			
CAPACITOR DATA		RVM1A.....	RVM15.....		
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	≤0,4	≤0,2		
Temperature Class	—	-25D	-40D		
Maximum In rush current	A	200xIn	400xIn		
Maximum over-current	A	4 x In	1,5 ÷ 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	110.000 (-25/C) 130.000 (-25/D)	150.000 (-40/D)		
Altitude max	m	≤ 2000 on sea level	≤ 4.000 on sea level		
Dielectric system	—	MKP reinforced metallic polypropylene film	MKP reinforced metallic polypropylene film		
Impregnation	—	Dr y 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			