



ALT6A - ALT65

from 900 kVAr



Automatic power factor correction equipment model ALT Low health, with frame colour RAL 7035 at folded and galvanized steel base. The system is equipped with disconnecting door switch, microprocessor RDM 12 Standard controller, with 12 outputs, THDI control, temperature control, controlling ventilation, fixed battery option, contact for remote reporting of cumulative alarm signal. Product consisting of modular withdrawable drawers each with contactors for capacitors with insertion resistors inrush current limiting with early contact. Battery protection fuses composed of three-phase cylindrical capacitors. Indoor floor installation and cables from the bottom with large openings. enings



DATA EQUIPMENT AGG. 01-01-2014 1.0

Reactive Power		kVAr effective 400V	kVAr 415V	Batteries to 415V
		837	900	50x4-100x7
Degree of protection	IP	30 (on request 54)		
Three-phase power supply, Un	V	400 (other voltage on request)		
Rated frequency	Hz	50		
Auxiliary circuits voltage	V	400 (on request 110V 230V)		
Ambient temperature limits min-max	°C	-15°C ÷ +35°C		
Dimensions (HxWxD)	mm	1225 x 1370 x 600		
Ventilation	—	Forced with fans positioned on the roof		
Protection fuse battery	—	Type NH00 category gG		
Cable entry	—	Bottom		

DATA REGULATOR RDM 12 Standard

N° of batteries controller	N°	12	
Control Batteries	—	Manual / Automatic	
Allarm	—	Overvoltage, Overcurrent, Over, Undercompensation, Overtemperature, THDI%	
Display	—	LCD 4 lines 32 characters backlight display	
Parameters displayed on the display	—	Voltage, Current, Cos φ, Δ kVAr	
Electrical quantities measured	—	Voltage, Current, Cos φ, 2 or 4 quadrant mode	
Power factor adjustment	—	0,85 ind. – 0,95 cap.	
Range primary current transformer	A	5-10.000	
Reactive power capacitor bank	kVAr	0,1 – 6500	
Sensitivity adjustment	s	5 – 100	
Reconnection time	s	5 -240	
Range capacitor voltage	V	100 – 1000	
Contact arrangement alarm	—	1 contact NO-NC	
Alarm relay contacts capacity	—	8A - 250V (AC)	
Power	VA	3	

DATA CAPACITORS ALT6A..... ALT65.....

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Type capacitor installed	—	ST Three-phase	AT Three-phase
Rated voltage capacitor	V	415 (on request 450-500-550)	415 (on request 440V up to 800V)
Losses dielectric	W/kVAr	≤0,2	≤0,2
Class of temperatur	—	-25D	-40D
Inrush current	A	200xIn	400xIn
Overcurrent	A	4 x In	1,5 ÷ 2 x In
THDI r/c	%	20/50 (415V) 25/70 (450V)	15/50 (415V) 20/70 (450V)
Statistical life expectancy	h	130.000 (-25/C) 110.000 (-25/D)	150.000 (-40/D)
Altitude max	m	≤ 2000 above sea level	≤ 4.000 above sea level
Dielectric system	—	MKP metallised polypropylene stronger	MKP metallised polypropylene stronger
Impregnation	—	Dry resin	Dry type inert gas AZOTO N2
Descarge resistor	—	50V - 60 s	50V - 60s
Safety features	—	Overpressure disconnecter	Overpressure disconnecter
Standard	—	CEI EN 61921, CEI EN 60439-1, CEI EN 60831-1	