

Regolatori RDM 4-6-12

Automatic power factor regulator designed to satisfy the various needs of today's plants. A powerful microprocessor based around which all the technology is developed for a correct operation of the power factor correction equipment. The regulator has a watch for events that occur in the network, and through a LCD display (or led) displays all the information you need to understand the proper operation of the equipment or otherwise figure out what to do to resolve any problems. Built on two dimensions 4 and 6 battery controller size 96 x 96 mm (HxW) while the 12 batteries controller size 144x144 mm (HxW) with front fastening. complete with all types of alarms linked to power equipment has the ability to bring remote and reports on the application of communication ports.



DATA REGULATOR		RDM 4 Base	RDM 4 Standard	RDM 6 Standard	RDM 12 Standard
N° of batteries controller	N°	4	4	6	12
Control Batteries	—	Manuale / Automatico	Manual / Automatic	Manual / Automatic	Manual / Automatic
Allarm	—	Sovratensione, sovracorrente, sovra, sottocompensazione	Overvoltage, Overcurrent, Over, Undercompensation, Overtemperature, THDI%	Overvoltage, Overcurrent, Over, Undercompensation, Overtemperature, THDI%	Overvoltage, Overcurrent, Over, Undercompensation, Overtemperature, THDI%
Display	—	3 + 1 digits 7 segmenti a led	LCD 2 lines 16 characters backlight display	LCD 2 lines 16 characters backlight display	LCD 4 lines 32 characters backlight display
Parameters displayed on the display	—	Tensione, Corrente, Cos ϕ	Voltage, Current, Cos ϕ , Δ kVAr	Voltage, Current, Cos ϕ , Δ kVAr	Voltage, Current, Cos ϕ , Δ kVAr
Electrical quantities measured	—	Tensione, Corrente, Cos ϕ , modalità 2-4 quadranti	Voltage, Current, Cos ϕ , 2 or 4 quadrant mode	Voltage, Current, Cos ϕ , 2 or 4 quadrant mode	Voltage, Current, Cos ϕ , 2 or 4 quadrant mode
Power factor adjustment	—	0,85 ind. – 0,95 cap.	0,85 ind. – 0,95 cap.	0,85 ind. – 0,95 cap.	0,85 ind. – 0,95 cap.
Range primary current trasformer	A	5-10.000	5-10.000	5-10.000	5-10.000
Reactive power capacytor bank	kVAr	0,1 – 6500	0,1 – 6500	0,1 – 6500	0,1 – 6500
Sensitivity adjustment	s	5 – 100	5 – 99	5 – 99	5 – 99
Reconnection time	s	5 -240	5 -240	5 -240	5 -240
Range capacitor voltage	V	100 – 1000	100 – 1000	100 – 1000	100 – 1000
Contact arrangement alarm	—	Nessuna	1 contact NO-NC	1 contact NO-NC	1 contact NO-NC
Alarm relay contacts capacity	w	//	8A - 250V (AC)	8A - 250V (AC)	8A - 250V (AC)
Power	VA	3,3	3,3	3,3	3,3
Opzioni					
Serial port	—	///	RS 232 o RS 485	RS 232 o RS 485	RS 232 o RS 485
Serial protocol	—	///	Modbus RTU	Modbus RTU	Modbus RTU