

PF Controllers BR6000 Series

- Intelligent
- Cost effective
- User friendly

Features

- Multifunctional LCD Display
- Intelligent Control
- Menu Driven Handling (Plain Language)
- Self Optimizing control capability
- Recall function of recorded values
- Four Quadrant Operation
- Larger Measuring Voltage Range
- Powerful alarm output
- Dual target power factor setting



Selection table for controllers

	BR6000 relay output	BR6000 transistor output
Steps	6 STEP / 12 STEP	6 STEP / 12 STEP
Switching	Contactor	Thyristor
Ordering code	B44066R6006R230N1 B44066R6012R230N1	B44066R6106R230N1 B44066R6112R230N1
Auxiliary supply	1-Phase, 2-Wire, 245 Vac (-20% to +20%)	1-Phase, 2-Wire, 245 Vac (-20% to +20%)
Measurement voltage	30-525 V AC (L-N) or (L-L)	30-525 V AC (L-N) or (L-L)
Load CT Input current	1 / 5 A	1 / 5 A
No. of outputs	6 / 12	6 / 12
Alarm outputs	1 No.	1 No.
Insufficient Compensation	Yes	Yes
Overcompensation	Yes	Yes
Over / under voltage	Yes	Yes
Overcurrent	Yes	Yes
Automatic Initialisation		Yes
Communication interface	No	Yes
Parameters displayed		
System voltage	Yes	Yes
Load current	Yes	Yes
Capacitor current	No	No
Active power	Yes	Yes
Reactive power	Yes	Yes
Apparent power	Yes	Yes
Frequency	Yes	Yes
Individual harmonics measurement upto	19	19
THD - V	Yes	Yes
THD - I	Yes	Yes
Monitoring of individual capacitor current	Yes - Health check	Yes - Health check
Apparent current	Yes	Yes
Overtemperature	Yes	Yes
Real time cos	Yes	Yes
Target cos	Yes	Yes
KVAr value to target cos	Yes	Yes
Correction time	1 - 1200 sec	20 - 1000 msec
Discharge time	1 - 1200 sec	20 - 1000 msec
Number of control series	20 + E series	20 + E series
Weight	1 Kg	1 Kg
Dimensions (L x D x H in mm)	144 x 55 x 144 mm	144 x 55 x 144 mm