

JKGHYBA580 intelligent combination low voltage reactive power measuring & controller device

Overview

JKGHYBA580 intelligent combination low voltage reactive power measuring & controller device is a new type of low voltage reactive power compensation controller that integrates measurement, control and display.

It mainly integrates normal voltmeters, ammeters, power factor meters, reactive power meters, and active power meters in one controller. It can also display three phase compensation current and capacitor switching status display. This product adopts RS485 communication method, which can connect up to 20 pieces of HY series combined low voltage power capacitors.




Model and Meaning

JKG	HY	BA	- 580-I	- □□
1	2	3	4	5
No.	Name			
1	Controller type			
2	Enterprise code			
3	Automatic control			
4	Specification	580:normal type	580-I:special made (equipped with anti-harmonic)	
5	Procedure category			

*Note: JKGHYBA580-I is equipped with HYBAGK

Technical parameters

Normal working and installation conditions		
Ambient temperature	-25°C ~ +55°C	
Relative humidity	≤ 50% at 40°C ; ≤ 90% at 20°C	
Altitude	≤ 2000m	
Environmental conditions	no harmful gas and steam, no conductive or explosive dust, no severe mechanical vibration	
Power condition		
Rated voltage	220V±20%; THDv ≤ 5%;	
Rated frequency	50Hz±5Hz	
Performance		
Measurement accuracy	voltage: ≤ ±0.5%(0.8-1.2Un), current: ≤ ±0.5%(0.2-1.2In), active power reactive ≤ ±2%, reactive power: ≤ ±2%, power factor: ≤ ±1%	
Control quantity	20 Pieces	
Compensation method	three phase compensation or mixed compensation	
Control method	RS485	
Protective function	Over-voltage protection, under-voltage protection, under-current protection, over-harmonic protection	
Standard	JB/T 9663-2013	
Dimension and structure	Dimension(W×H×D)	Mounting dimension(W×H)
	170×170×120	160×160

Ordering instrucion(s)

The user order according to the model .
For example: JKGHYBA580 50 pieces.