



## Automatic power factor controllers

DCRK power factor controllers incorporate many new innovative features for automatic power factor control. With built-in, easily programmable safety parameters including protection from potential damage caused by harmonic overload.

- two steps can be programmed as alarm and/or fan cooling control
- optimal rotational control for increased capacitor life
- RMS voltage/current measurement and display
- instantaneous and average weekly power factor measurement (last 7 days)
- adjustable tripping and reconnection time
- no-voltage release protection
- protection against capacitor overload (current range 0-250%) harmonics
- protection against panel overheating (internal temperature sensor)
- TTL-RS232 interface for fast set-up function, alarm customization and testing via PC



DCRK7



DCRK12



DCRJ



BFK...

### DCRK power factor controllers

Type	no. steps	supply	description	price
<b>Flush mount 96 x 96mm</b>				
<b>DCRK5</b>	5 steps	380-415VAC	power factor controller	
<b>DCRK7</b>	7 steps	380-415VAC	power factor controller	
<b>DCRK7/525</b>	7 steps	480-525VAC	power factor controller	
<b>Flush mount 144 x 144mm</b>				
<b>DCRK8</b>	8 steps	380-415VAC	power factor controller	
<b>DCRK12</b>	12 steps	380-415VAC	power factor controller	
<b>DCRK12/525</b>	12 steps	480-525VAC	power factor controller	

### DCRJ Controller for total monitoring control and supervision of power factor systems

Incorporates all the features of DCRK device and more. Ideal for total remote supervision of systems via serial interface. Controller can be operated remotely and all electrical parameters can be monitored via P.C.

- dual supply 100-127/220-240VAC accommodating medium voltage requirements
- measurement and display of:
  - power factor (instantaneous and average weekly power factor)
  - capacitor overload
  - internal panel temperature
  - current, voltage and harmonic content
- harmonic analysis of logged events with relative waveforms
- RS 232/RS 485 serial port for remote monitoring and supervision
- connection for external temperature measurement

<b>DCRJ 8</b>	8 steps	144 x 144mm	power factor controller
<b>DCRJ 12</b>	12 steps	144 x 144mm	power factor controller

### Accessories

<b>DCRK SW</b>	set-up and automatic test software for DCRK with C11 cable
<b>DCRJ SW</b>	set-up, automatic test and remote control software for DCRJ with C2 cable (1.8 meter)
<b>C11</b>	PC-DCRK cable for TTL/RS 232 communication
<b>C2</b>	PC-DCRJ connecting cable
<b>PA 96 x 96</b>	IP54 front protective cover for DCRK 5 / 7
<b>PACR</b>	IP54 protective cover for DCRK 8/12, DCRJ 8/12

### Capacitor switching contactors

Special capacitor switching contactors equipped with early-make limiting resistors to limit in-rush currents initially before making contact. These resistors are disconnected from the circuit when contactor closing operation is complete.

type	max.operating power			aux	description	price
	kVAR 400V	kVAR 440V	rated current			
<b>BFK12.10A</b>	12.5	14	18	1NO	capacitor switching contactor	
<b>BFK18.10A</b>	15	17	23	1NO	capacitor switching contactor	
<b>BFK2600A</b>	20	22	30	-	capacitor switching contactor	
<b>BFK3800A</b>	30	33	43	-	capacitor switching contactor	
<b>BF65K00</b>	45	50	70	-	capacitor switching contactor	
<b>BF80K00</b>	60	65	90	-	capacitor switching contactor	