



Power Factor Control Relay BLR-CM 3-phase



Microprocessor controlled power factor controller with 3-phase measurement system and display of measurement values

- Full-automatic c/k-value setting, self adapting, connection of different capacitor step sizes possible
 - Capacitors are detected or programmed with values in all three phases. This allows using single-phase or three-phase capacitors in any sequence.
 - Automatic detection and usage of the optimum capacitor step
 - Manual mode possible
 - Multiple connection types possible through adjustable phase compensation angle
 - Capable for 4-quadrant operation
 - Individually configurable discharging time allows quicker switching time
 - 3-phase measurement system also suitable for non sinusoidal currents and voltages
 - Graphical LCD for display of step status, measurement values and system data
 - Measurement display for U, I, P, Q, S, THD U, THD I, ΔQ , F, T
 - Harmonics measurement for voltage and current up to the 31. order
 - Counter for active and reactive work
 - Flexible alarm system with up to 15 alarms
 - Programmable digital input and digital output
 - Programmable alarm relay with voltfree c/o contact
 - Supply voltage 115/230V, 45-65Hz, other voltages on request
 - Voltage measuring 50 – 530V, 45 – 65Hz
 - Current measuring 3 x 15mA – 5A, suitable for CT x/1A and x/5A
 - Connection with pluggable screw terminals
 - Instrument casing for cutout 144 x 144mm, depth 49mm
- Protection class IP20 (casing), IP50 (front)

Description	Type		
Power Factor Control Relay BLR-CM 3-phase with 6 relay outputs integrating algorithm with adjustable integration interval (switching time delay)	CM 06R –3A		
Power Factor Control Relay BLR-CM 3-phase with 12 relay outputs integrating algorithm with adjustable integration interval (switching time delay)	CM 12R –3A		
Power Factor Control Relay BLR-CM 3-phase with 6 transistor outputs integrating algorithm with adjustable integration interval (switching time delay) minimum switching time delay: 0,1sec	CM 06T –3A		
Power Factor Control Relay BLR-CM 3-phase with 12 transistor outputs integrating algorithm with adjustable integration interval (switching time delay) minimum switching time delay: 0,1sec	CM 12T –3A		
Power Factor Control Relay BLR-CM 3-phase with 6 relay and 6 transistor outputs integrating algorithm with adjustable integration interval (switching time delay) minimum switching time delay: 0,1sec	CM 12RT –3A		
Options			
Interface RS485 protocol Modbus RTU	- MB		
Accessories			
Connecting lead 1m with marked wires and plug-in terminal			
Additional price for each further meter			
Transparent cover with lock IP54	- VT		
Wall mounting bracket			