

POWER FACTOR CONTROL RELAY

PFCMAX 6, PFCMAX 12

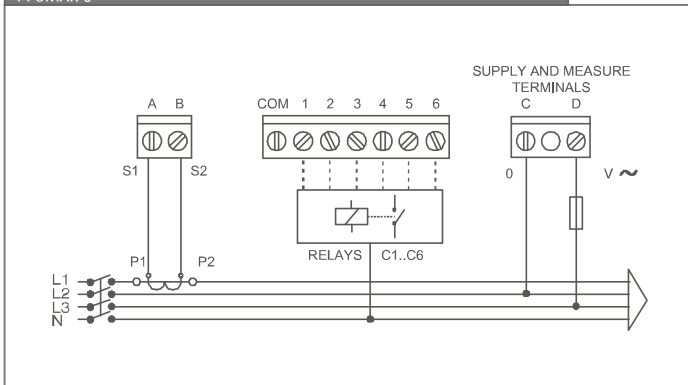


POWER FACTOR REGULATORS PFCMAX6 (6 STEPS) AND PFCMAX12 (12 STEPS) MEASURE $\cos \varphi$ OF A SUPPLY SYSTEM AND CONTROL THE AUTOMATIC CONNECTION AND DISCONNECTION OF COMPENSATION CAPACITORS ACCORDING TO DESIRED $\cos \varphi$.

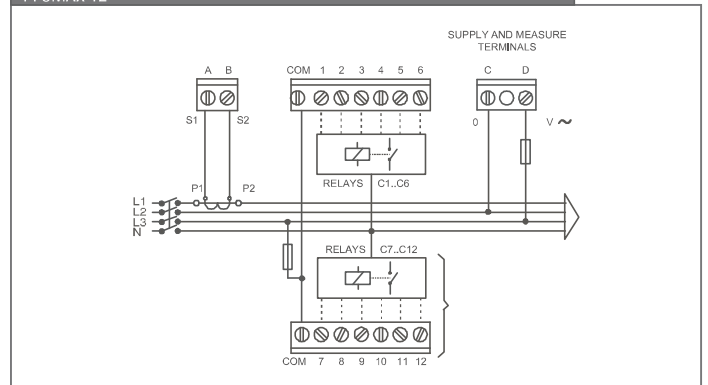
FEATURES

- FCP (FAST COMPUTERIZED PROGRAM) SYSTEM MINIMIZING THE NUMBER OF CAPACITOR CONNECTIONS AND DISCONNECTIONS
- 6 AND 12 RELAY REGULATORS ACCORDING TO THE TYPE
- CONNECTED STEP DISPLAY, A DIGITAL DISPLAY FOR $\cos \varphi$ AND DIFFERENTIATION OF A SIGN FOR REACTIVE POWER L (INDUCTIVE) AND C (CAPACITIVE)
- THREE-DIGIT LCD WITH SEVEN SEGMENTS
- SETTING OF PARAMETERS WITHOUT THE NEED FOR DISCONNECTING THE REGULATOR POWER SUPPLY
- OPTION TO CONFIGURE THE REGULATOR EVEN WHEN IT IS STILL IN THE PROCESS OF REGULATING THE CAPACITORS
- OPTION FOR USING 50 OR 60 HZ FREQUENCIES
- ALL MEASUREMENTS DISPLAYED ON ONE SINGLE DISPLAY
- EASY TO MOUNT WITH NO NEED FOR TOOLS
- PROGRAMMING FROM KEYPAD ON THE FRONT: (3 KEYS)
- SIZE 144 X 144 mm ACCORDING TO DIN 43 700
- MEASUREMENT AND POWER SUPPLY IN ONE SINGLE INPUT

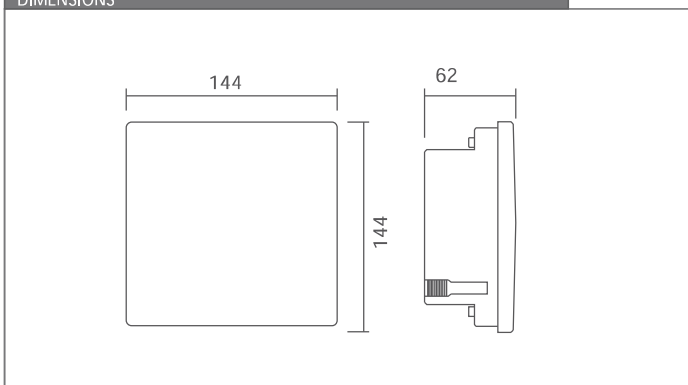
PFCMAX 6



PFCMAX 12



DIMENSIONS



POWER FACTOR CONTROL RELAY

PFC-CX



POWER FACTOR CONTROL RELAY PFC-CX MEASURE $\cos \varphi$ OF A SUPPLY SYSTEM AND CONTROL THE AUTOMATIC CONNECTION AND DISCONNECTION OF COMPENSATION CAPACITORS ACCORDING TO DESIRED $\cos \varphi$. MICROPROCESSOR CONTROLLED POWER FACTOR CONTROLLER WITH 1-PHASE MEASUREMENT SYSTEM.

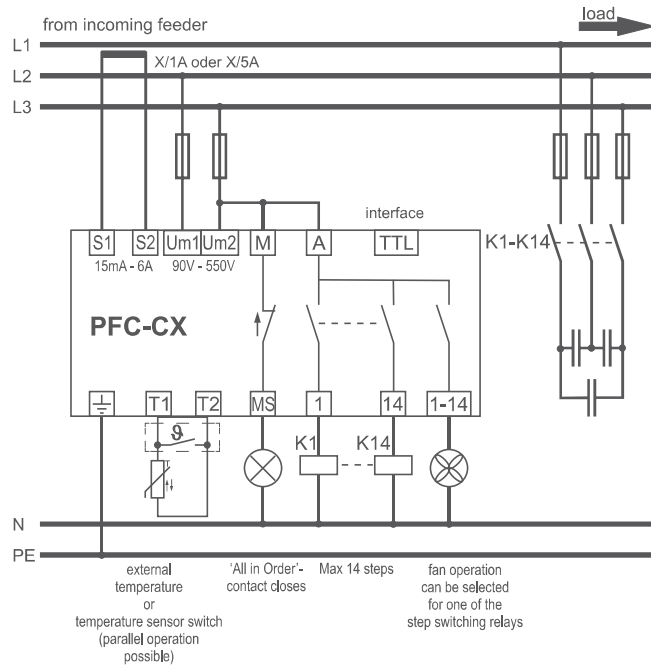
FEATURES

- START MENU FOR EASY COMMISSIONING
- AUTOMATIC DETECTION AND CORRECTION OF THE PHASE OF CURRENT AND VOLTAGE CONNECTION
- FULLY-AUTOMATIC C/K-VALUE SETTING, SELF ADAPTING, CONNECTION OF DIFFERENT CAPACITOR STEP SIZES POSSIBLE
- AUTOMATIC DETECTION AND USAGE OF THE OPTIMUM CAPACITOR STEP
- SWITCHING PROGRAMS: BEST FIT, LIFO, MANUAL MODE, COMBIFILTER, PROGRESSIVE
- CAPABLE FOR 4-QUADRANT OPERATION
- 1-PHASE MEASUREMENT SYSTEM ALSO SUITABLE FOR NON-SINUSOIDAL CURRENTS AND VOLTAGES
- SUPPLY VOLTAGE TAKEN FROM MEASURING VOLTAGE
- VOLTAGE MEASURING: 90 - 550 V, 45 - 65 HZ
- CURRENT MEASURING: 15 mA - 5 A, SUITABLE FOR CT X/1 A UND X/5 A
- CONNECTION WITH PLUGABLE SCREW TERMINALS
- LCD WITH BACKLIT
- DISPLAY OF ALL IMPORTANT GRID AND SYSTEM PARAMETERS
- DISPLAY OF THD U AND VOLTAGE HARMONICS FROM 3RD TO 15TH ORDER
- INPUT FOR TEMPERATURE SENSOR OR THERMOSTATE (N/O) (THIS INPUT CAN BE USED TO SWITCH-OVER THE TARIF BY N/O CONTACT)
- ALARM RELAY WITH VOLTFREE N/O CONTACT (OPERATED AT NORMAL FUNCTION)
- TTL-INTERFACE ON REAR
- INSTRUMENT CASING FOR CUTOUT 144 X 144 mm, DEPTH 49 mm
- PROTECTION CLASS IP20 (CASING), IP50 (FRONT)

POWER FACTOR CONTROL RELAY

PFC-CX

CONNECTION



DIMENSIONS

