

## Applications

- Branch panels
- Main Service Entrance

## Standard Ratings

- 100kVAR-1200kVAR (custom sizes available)
- 208, 480, 600V
- 3-phase
- 60 Hz
- De-rated or detuned (choked) configurations

## Capacitor Cells

- 200,000 – hour rated life
- 3-phase delta connected
- MKP, dry inert gas N<sub>2</sub>
- Low loss - 0.2 W per kVAR
- Internal overpressure disconnect
- Touch safe terminals

## Enclosure

- NEMA 12 style for indoor use
- Wall-mounted or free-standing with hinged door and lockable door handle

## Field Wiring Termination

- Mechanical connections provided for all field wiring termination points

## Microprocessor base “intelligent” controller

- Backlight graphic 128 x 80 pixel LCD with text in 10 languages
- Automatic sensing of CT current flow
- Connection to single and three phase lines, three phase lines with neutral and co-generation systems with 4 quadrant operation
- Capability to correctly operate in systems having high harmonic content
- Extreme reduction of the number of switching operations
- Balanced use of steps with the same power rating
- Reactive power measurement per installed step
- Recording of the number of connections per step
- Capacitor over-current protection on all three phases
- Over-temperature protection by internal sensor
- Accurate no-voltage release protection function
- Current and voltage harmonic analysis
- Harmonic analysis of current and voltage waveforms recorded for overload events
- Quick CT programming function

## Additional Controller functionality options:

- USP and Wi-Fi communication interface for personal computer, smartphone and table connection
- Modbus-RTU, TCP and ASCII communications protocols
- Set-up and remote control software
- SMS sending for alarm conditions with EXP10 15 expansion module

(see PF Controller Data Sheet for full details)



## Inrush limiting magnetic contactor

- Reduced I<sub>2</sub>R losses
- Eliminate current inrush or ring waves when switching

## Options

- Circuit breaker or disconnect switch
- Other enclosure ratings
- Surge Protection device
- Installation and Commissioning
- Equipment financing
- Preventive Maintenance Services

3 yr Warranty (extendable)

All units are ESA approved