

APPLICATIONS

- ◆ Branch panel
- ◆ Main service entrance

STANDARD FEATURES

- ◆ UL 508A listed
- ◆ 2-year warranty
- ◆ 3-line fusing with blown fuse indication
- ◆ Automatically adjusts to maintain target power factor
- ◆ Harmonic duty cells
- ◆ Capacitor rated contactors
- ◆ Inductor high-temperature indication
- ◆ Discharge resistors per NEC requirements
- ◆ Assembled in the USA

STANDARD RATINGS

- ◆ 240, 480, 600 V
- ◆ 3-phase
- ◆ 60 Hz

CAPACITOR CELLS

- ◆ 20-year rated life
- ◆ 2-year warranty
- ◆ Self-contained, 3-phase, delta-connected
- ◆ Industrial grade construction
- ◆ Non-PCB, non-toxic, biodegradable impregnation fluid
- ◆ Losses of less than ½ watt per kVAr
- ◆ Self-healing metallized polypropylene dielectric film
- ◆ 3-phase pressure-actuated interrupter
- ◆ Hermetically-sealed tin-plated steel case
- ◆ Threaded insulated terminals

FUSES

- ◆ Fast-acting, current-limiting, with 200,000 ampere interrupting capacity
- ◆ Refer to product manual for incoming conductor information

ENCLOSURES

- ◆ Built to NEMA 12 specifications for indoor use
- ◆ Free-standing with hinged door, lockable door handle and removable eye bolts
- ◆ Fan-cooled

FIELD WIRING TERMINATION

- ◆ Mechanical connections are provided for all field wiring termination points
- ◆ Refer to product manual for incoming conductor information

INDUCTORS

- ◆ 3-phase, iron core PolyGap™ core structure
- ◆ 600 volt class H rated insulation
- ◆ Temperature switch

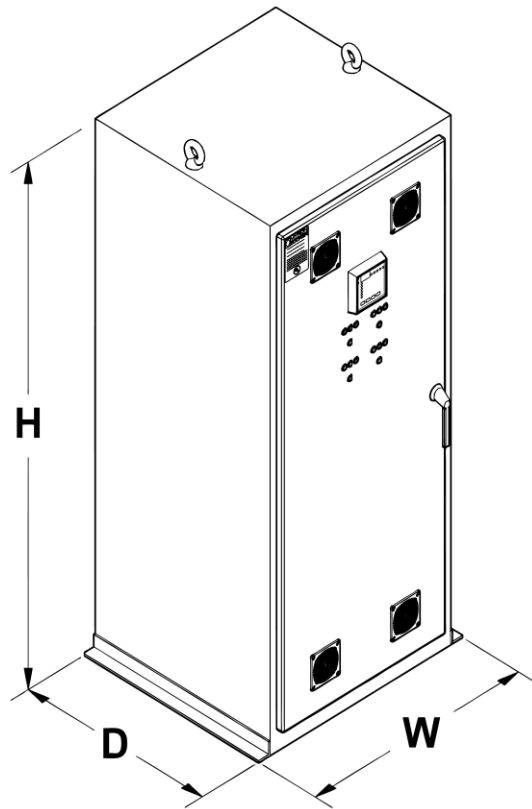


AUTOMATIC POWER FACTOR (VAR) CONTROLLER

- ◆ HMI key pad with back lit LCD display indicating all relevant PQ parameters
- ◆ Balanced use of steps and step count recording
- ◆ Step failure indication
- ◆ 10 standard system alarms with 11 optional additional alarms
- ◆ Internal panel temperature sensor for over temperature protection
- ◆ Optional communication interfaces of various protocols

OPTIONS

- ◆ Circuit breaker or disconnect switch
- ◆ Other enclosure ratings available
- ◆ Other voltages and frequencies available
- ◆ Air conditioned enclosure
- ◆ Remote supervision software for PC interface
- ◆ Installation and start-up services
- ◆ Equipment financing



CASE DIMENSIONS Free-standing Enclosure			
CASE	H	W	D
F2	74.00	31.00	30.00
F3	84.00	46.00	30.00

All dimensions are in inches. We reserve the right to change dimensions without notice.

SELECTION CHART

240 V / 3Ø / 60 Hz					480 V / 3Ø / 60 Hz					600 V / 3Ø / 60 Hz				
kVAr	PART NUMBER	kVAr PER STEP	AMPS*	CASE	kVAr	PART NUMBER	kVAr PER STEP	AMPS*	CASE	kVAr	PART NUMBER	kVAr PER STEP	AMPS*	CASE
75	ACIM33075-3H5	25	198	F2	150	ACIM53150-3H5	50	198	F2	150	ACIM63150-3H5	50	158	F2
100	ACIM33100-3H5	25	264	F2	200	ACIM53200-3H5	50	264	F2	200	ACIM63200-3H5	50	211	F2
125	ACIM33125-3H5	25	330	F3	250	ACIM53250-3H5	50	330	F2	250	ACIM63250-3H5	50	264	F2
150	ACIM33150-3H5	25	396	F3	300	ACIM53300-3H5	50	396	F2	300	ACIM63300-3H5	50	317	F2
175	ACIM33175-3H5	25	462	F3	350	ACIM53350-3H5	50	462	F3	350	ACIM63350-3H5	50	370	F3
200	ACIM33200-3H5	25	528	F3	400	ACIM53400-3H5	50	528	F3	400	ACIM63400-3H5	50	422	F3
250	ACIM33250-3H5	25	660	F3	500	ACIM53500-3H5	50	660	F3	500	ACIM63500-3H5	50	528	F3
300	ACIM33300-3H5	50	792	F3	600	ACIM53600-3H5	100	792	F3	600	ACIM63600-3H5	100	634	F3

* The ampacity of capacitor circuit conductors shall not be less than 135% of the rated current of the capacitor (Per NEC).

NOTE: The above part numbers are for the 5th harmonic. For other harmonic applications change the part number suffix.
EXAMPLE: 7th = H7, 11th = H11, etc.