

MODEL: ACIM

**AUTOMATIC POWER FACTOR (VAR)
CONTROLLER – ACIM MODEL**

- ◆ HMI key pad with back lit LCD display indicating all relevant PQ parameters
- ◆ Balanced use of steps and step count recording
- ◆ Capacitor overload protection and 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

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
- ◆ Discharge resistors per NEC requirements
- ◆ Capacitor rated contactors with precharge coil
- ◆ 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 dry-type construction
- ◆ 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



ENCLOSURES

- ◆ Built to NEMA 12 specifications for indoor use
- ◆ Wall-mounted or free-standing with hinged door and lockable door handle

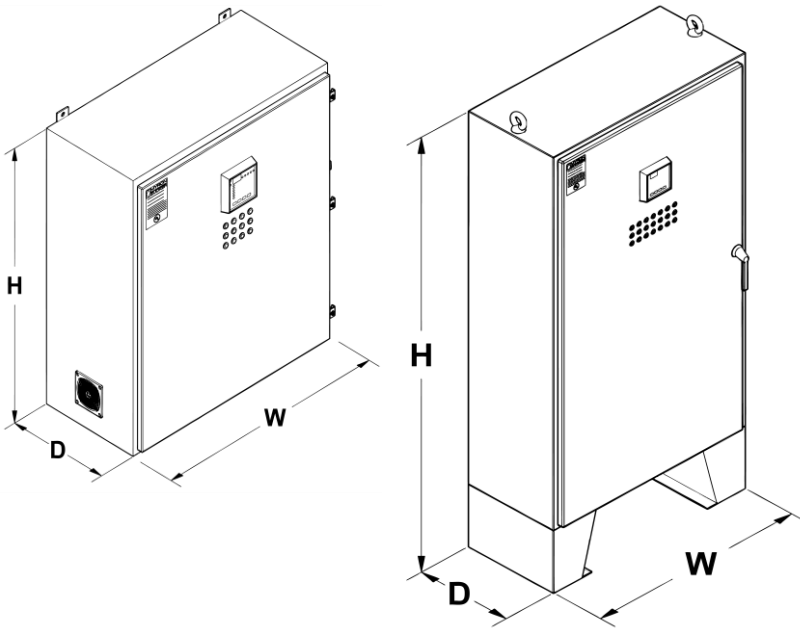
FIELD WIRING TERMINATION

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

OPTIONS

- ◆ Circuit breaker or disconnect switch
- ◆ Other enclosure ratings available
- ◆ Other voltages and frequencies available
- ◆ Remote supervision software for PC interface
- ◆ Surge protection device (to reduce switching transients)
- ◆ Installation and start-up services
- ◆ Equipment financing

MYRON ZUCKER AUTOCAPACIBANK™ Brand Capacitor Series



CASE DIMENSIONS			
CASE	H	W	D
W5	42.00	30.00	16.00
W6	42.00	36.00	16.00
F1	84.00	41.00	18.00
W5, W6: Wall-mounted; F1: Free-standing			

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	STEPS	AMPS*	CASE	kVar	PART NUMBER	STEPS	AMPS*	CASE	kVar	PART NUMBER	STEPS	AMPS*	CASE
50	ACIM23050-3	3	120	W5	50	ACIM43050-3	3	60	W5	50	ACIM63050-3	3	48	W5
75	ACIM23075-3	3	180	W5	75	ACIM43075-3	3	90	W5	75	ACIM63075-3	3	72	W5
100	ACIM23100-3	4	240	W5	100	ACIM43100-3	3	120	W5	100	ACIM63100-3	3	96	W5
125	ACIM23125-3	5	300	W6	150	ACIM43150-3	3	180	W5	150	ACIM63150-3	3	144	W5
150	ACIM23150-3	6	360	W6	200	ACIM43200-3	4	240	W5	200	ACIM63200-3	4	192	W5
175	ACIM23175-3	7	420	F1	250	ACIM43250-3	5	300	W6	250	ACIM63250-3	5	240	W6
200	ACIM23200-3	8	480	F1	300	ACIM43300-3	5	360	W6	300	ACIM63300-3	5	288	W6
225	ACIM23225-3	9	540	F1	350	ACIM43350-3	6	420	W6	350	ACIM63350-3	6	336	W6
250	ACIM23250-3	10	600	F1	400	ACIM43400-3	7	480	F1	400	ACIM63400-3	7	384	F1
275	ACIM23275-3	11	660	F1	450	ACIM43450-3	8	540	F1	450	ACIM63450-3	8	432	F1
300	ACIM23300-3	12	720	F1	500	ACIM43500-3	9	600	F1	500	ACIM63500-3	9	480	F1
					550	ACIM43550-3	10	660	F1	550	ACIM63550-3	10	528	F1
					600	ACIM43600-3	10	720	F1	600	ACIM63600-3	10	576	F1

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