

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 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

TWO MODELS AVAILABLE

Model selection based on PF (VAR) Controller features

- ◆ ACNM Model
- ◆ ACIM Model

AUTOMATIC POWER FACTOR (VAR) CONTROLLER – ACNM MODEL

- ◆ Digital programming
- ◆ Voltage and current measurement
- ◆ Internal panel temperature sensor
- ◆ TTL/RS232 programming interface
- ◆ Capacitor overload protection
- ◆ Automatic set-up function

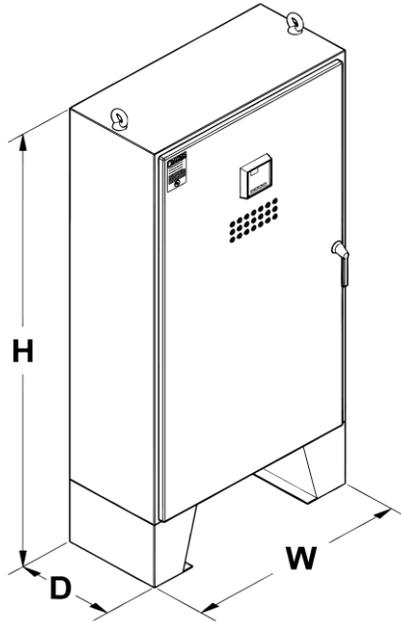
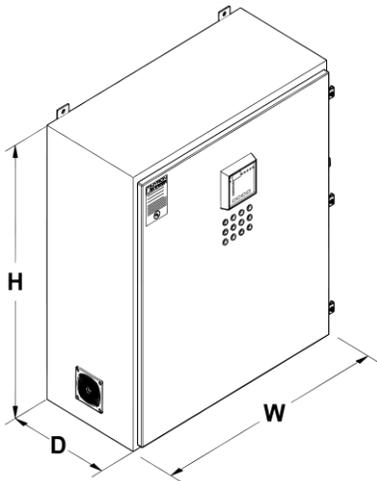


AUTOMATIC POWER FACTOR (VAR) CONTROLLER – ACIM MODEL

- ◆ 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

OPTIONS

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



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.

Choose model from previous page to complete part number.	
MODEL	PLEASE INSERT:
ACIM	I
ACNM	N

See reverse side for specific features between the ACIM and ACNM Models.

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	AC_M23050-3	3	120	W5	50	AC_M43050-3	3	60	W5	50	AC_M63050-3	3	48	W5
75	AC_M23075-3	3	180	W5	75	AC_M43075-3	3	90	W5	75	AC_M63075-3	3	72	W5
100	AC_M23100-3	4	240	W5	100	AC_M43100-3	3	120	W5	100	AC_M63100-3	3	96	W5
125	AC_M23125-3	5	300	W6	150	AC_M43150-3	3	180	W5	150	AC_M63150-3	3	144	W5
150	AC_M23150-3	6	360	W6	200	AC_M43200-3	4	240	W5	200	AC_M63200-3	4	192	W5
175	AC_M23175-3	7	420	F1	250	AC_M43250-3	5	300	W6	250	AC_M63250-3	5	240	W6
200	AC_M23200-3	8	480	F1	300	AC_M43300-3	5	360	W6	300	AC_M63300-3	5	288	W6
225	AC_M23225-3	9	540	F1	350	AC_M43350-3	6	420	W6	350	AC_M63350-3	6	336	W6
250	AC_M23250-3	10	600	F1	400	AC_M43400-3	7	480	F1	400	AC_M63400-3	7	384	F1
275	AC_M23275-3	11	660	F1	450	AC_M43450-3	8	540	F1	450	AC_M63450-3	8	432	F1
300	AC_M23300-3	12	720	F1	500	AC_M43500-3	9	600	F1	500	AC_M63500-3	9	480	F1
					550	AC_M43550-3	10	660	F1	550	AC_M63550-3	10	528	F1
					600	AC_M43600-3	10	720	F1	600	AC_M63600-3	10	576	F1

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