

BENJAMIN Controllable Breaker Panelboard with Power Metering Specifications

Voltage Ratings	120V 1Ø2W	120/240V 1Ø3W	208Y/120V 3Ø4W	480Y/277V 3Ø4W
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AIC Ratings	65kAIC@240V Fully Rated to 100kAIC Series Rated
	14kAIC@480Y/277V Fully Rated to 65kAIC Series Rated

Power Measurement	Mains Current Accuracy: 2% of reading from 1-10% 1% of reading from 10-100%
	Mains Voltage Accuracy: 1% of reading from 90 - 480V Line to Neutral
	Mains Power Data: Voltage, Current, PF, Hz, VAHrs, VARHrs, and WHrs
	Branch Current Accuracy: 1% of reading from 2.0-100A 2% of reading from 0.25-2A
	Branch Power Data: Watts, PF, VAHrs, and VARHrs
	Data Update Rate: Less than 1 second for all branch circuits (all measured values)

Mains Configuration	100 Amp Main Lugs Only	225 Amp Main Lugs Only	400 Amp Main Lugs Only	600 Amp Main Lugs Only
	100 Amp Main Breaker	225 Amp Main Breaker	400 Amp Main Breaker	600 Amp Main Breaker

Circuit Breaker Options (6 to 48 branch circuits)	1 Pole	15 Amp Controlled	20 Amp Controlled	30 Amp Controlled	15 Amp
		20 Amp	30 Amp	40 Amp	50 Amp
		60 Amp	70 Amp	90 Amp	100 Amp
	2 Pole	15 Amp Controlled	20 Amp Controlled	30 Amp Controlled	15 Amp
		20 Amp	30 Amp	40 Amp	50 Amp
		60 Amp	70 Amp	90 Amp	100 Amp
	3 Pole	15 Amp	20 Amp	30 Amp	40 Amp
		50 Amp	60 Amp	70 Amp	90 Amp
		100 Amp			

Communication Protocols	Modbus/TCP	Modbus/ASCII	Modbus/RTU	DNP 3.0
	Webserver	EtherNet/IP	DMX-512	Allen Bradley
	BACnet	LonWorks	Zigbee	GE-SRTP/EGD



W. A. Benjamin Electric Company
Manufacturers of Quality Electrical Power Distribution Equipment