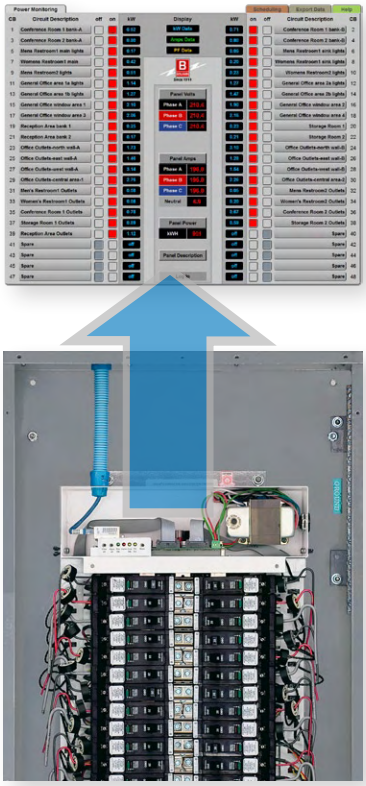
BENJAMIN Breaker Control Panelboard

Remote On/Off Control using
DMX, RDM, or sACN Connectivity

42 circuit Breaker Control Panelboard
(shown with matte black finish)

Web-based Power Metering Interface



Interior - Breaker Control Panelboard
(shown with optional metering)

Product Highlights

- Traditional commercial/industrial panelboard with remote on/off control using DMX, RDM, or sACN communications.
- 20” width standard for all panel sizes.
- Sequential breaker operation with built-in time delay prevents in-rush current impacts from LED driver loads.
- Utilizes Eaton’s Cutler-Hammer innovative solenoid operated remote controlled circuit breakers and Eaton’s overcurrent protection circuit breakers. Remote controlled breakers are rated for 200,000 on/off/on operations.
- AC Power sequencing to minimize voltage transients during equipment startup. Benefits both audio and lighting equipment.
- Configurations are built to order and arrive from our factory fully assembled and tested.
- OPTION - Network control via a license free web based graphical interface that uses standard web browsers such as Firefox, Internet Explorer, or Chrome. Provides multi-user access to breaker operation, status, setup, and optional metering data.
- OPTION - Embedded Power Metering which provides:
  - Power measurement on all branch circuits plus feeder
  - Metering data accessible using any web browser
  - Easily identify areas of power consumption
  - Metering data stored locally, no monthly fees
- c UL us LISTED | UL 67 Standard for Panelboards

SMART POWER
by Benjamin Electric Company

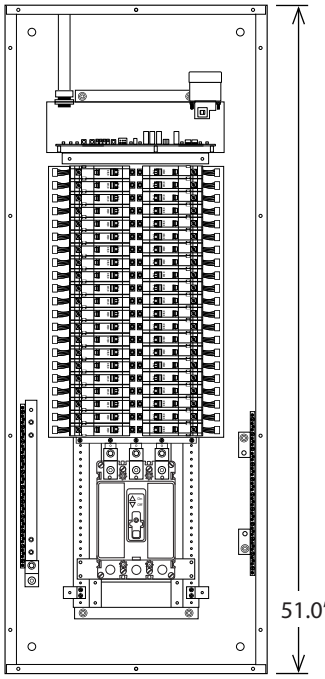
Manufacturers of Smart Power Distribution for the Entertainment Industry

For additional information visit us at: www.BenjaminSmartPower.com or call 1-888-749-7731

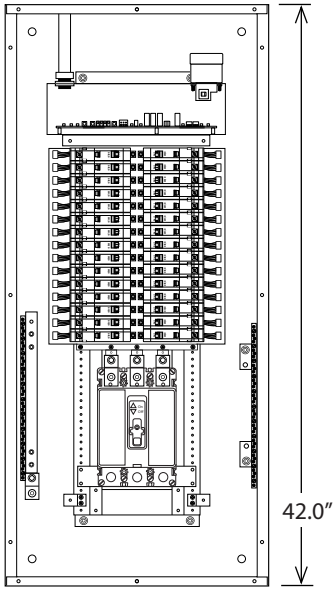
Benjamin BCP - Typical Panel Configurations

All panels include a master controller, switchable branch breakers, and DMX communications.

BCP-342
(42 Circuits, 225A MCB)

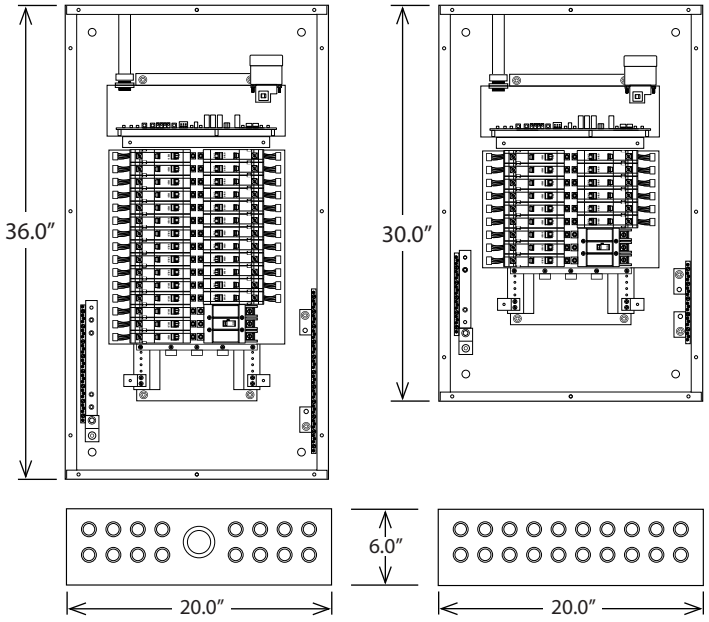


BCP-330
(30 Circuits, 100A MCB)



BCP-327
(27 Circuits, 100A side-MCB)

BCP-315
(15 Circuits, 100A side-MCB)



Panel End Plates - top or bottom
(blank end plates also available)

Panelboard Specifications

Circuit Capacity	18 Circuits to 96 Circuits (in groups of six) up to 400 Amp Bussing

Voltage Rating	120/240V 1Ø 3W	208Y/120V 3Ø 4W	480Y/277V 3Ø 4W

Interrupting Rating	65kAIC@240V Fully Rated	14kAIC@480Y/277V Fully Rated, 65kAIC Series Rated

Connectivity	DMX-512	RDM	sACN	Modbus TCP/IP	BACnet/IP

Power Measurement	**Mains Current Accuracy:**	1% of reading from 1% to 100% of nominal rated current
	Mains Voltage Accuracy:	0.5% of reading from 90 to 600 VAC Line to Neutral
	Mains Power Data:	Voltage, Current, Watts, PF, VA, VAR, HZ, WHrs, VAHrs, VARHrs
	Branch Current Accuracy:	1% of reading from 0.15 Amps to 100 Amps
	Branch Circuit Data:	Current, Watts, PF, VA, VAR, WattHrs, VAHrs, VARHrs
	Data Update Rate:	1 second for all real-time values

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