



# laMARCHE®

ISO 9001:2015 CERTIFIED

## BPK

### SINGLE POLE CIRCUIT BREAKER DISTRIBUTION PANEL

Circuit Breaker Distribution Panels are designed to provide protection for multiple load/distribution circuits. The circuit breakers fast trip response assures the panel breaker will trip before the main circuit breaker/fuse so that power will not be interrupted from other critical DC loads if an overload occurs. BPK Panels utilize UL recognized breakers with an interrupting capacity of 5,000 amps DC at 65 volts.

Connection to the load is made directly to the load side terminal/screw of the breaker. For breakers size up to 70 amps, the terminal is a 10-32 stud with a recommended maximum #6 AWG wire size. For 100 Amp breakers, the terminal is a 1/4 - 20 stud with a recommended maximum #4 AWG wire size.

Base panel does not include circuit breakers. For information on available circuit breaker sizes, see list price sheet. A blank 1.75" high panel (1RU) is recommended below breaker panel for ease of installation. See reverse side of data sheet for further details about the Model BPK Series Circuit Breaker Distribution Panel.



#### Standard Features

- 12, 24, or 48 Volts DC Ratings Available. Must Indicate Negative Common (return) as Part of Model Number Format when Applicable
- Total DC Continuous Current Carrying Capacity of Panel 600 Amps
- Guard Kit to Prevent Accidental Tripping of Breakers
- Blank Fillers Furnished for all Unused Breaker Positions
- Breaker Designation Label Track
- Alarm LED Light and Form "C" Relay Alarm Contacts. The Relay will be Activated if any Breaker in the Panel Trips or is Shut off
- Available Breaker Sizes are 0-100 Amps Single Pole (70-100 Amp Breakers Take Two Positions)
- Finish – ANSI-61 grey paint

#### Dimensions

- Height: 5.25 inches – 3 Rack Units
- Width: 19 Inches – 18 Breaker Positions  
23 Inches – 24 Breaker Positions
- Depth: 8 Inches without Guard Kit  
9 Inches with Guard Kit

#### Optional Accessories

- For Wire Sizes in Excess of Recommended Maximums or for NEMA Two Hole Lug Requirements, a Separate Stand-Alone Glastic Landing Strip Behind the Breaker Panel can be Provided as a Separate Optional Accessory
- Right Bus Connection as Viewed from Front of Breaker Panel
- Special Paint Finishes

Typical Model NO.	Rack Width	DC Voltage	DC Bus Connection	Alarm Contacts	Negative Common (Return)	Positive Common (Return)	Specific Bill of Material Listing Breakers/Block Off Kits
BPK19-24VL-18RN-3	19"	24V	Left	Yes	Yes	—	3
BPK23-48VL-24R-5	23"	48V	Left	Yes	—	Yes	5

Specifications subject to change without notice

**La Marche Mfg. (A U.S. Company)**

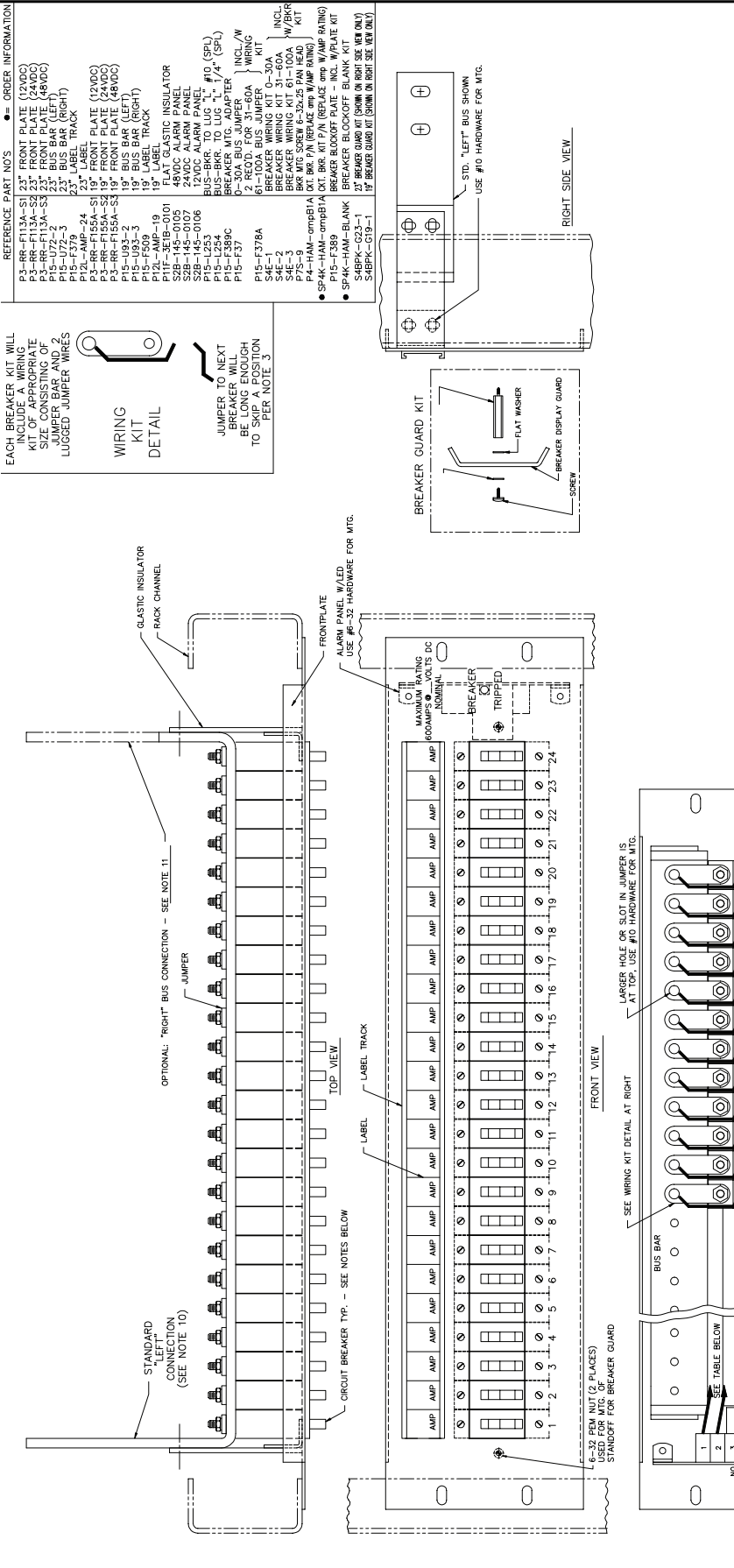
106 Bradrock Drive, Des Plaines, IL 60018

Tel: 847.299.1188 Fax: 847.299.3061

sales@lamarchemfg.com

www.lamarchemfg.com

- NOTES:**
- BREAKERS MOUNT WITH LARGEST CAPACITY IN POSITION 1
  - MIXED CAPACITIES WILL BE IN DESCENDING ORDER LEFT TO RIGHT
  - ADJACENT BREAKER POSITIONS MUST BE SKIPPED WHEN BREAKERS ARE 70A & LARGER
  - BREAKER BLOCKOFF PLATE (KIT) MUST BE USED IN ALL UNUSED POSITIONS.
  - TOTAL CAPACITY OF ALL BREAKERS NOT TO EXCEED 600 AMPS
  - 23" SYSTEM = 24 BKRS. MAX.
  - 19" SYSTEM = 18 BKRS. MAX.
  - PARTS ABOVE ARE FOR REFERENCE ONLY. BUILD PANEL PER SPECIFIC PARTS LIST
  - STANDARD BUS CONNECTION IS TO THE "LEFT"
  - BUS IS INSTALLED WITH CONNECTION TO "RIGHT" ONLY WHEN SPECIFIED BY ASSY. PARTS LIST
  - STANDARD FINISH IS ANSI #61 GREY PER LMC ENG. SPEC. A1-3
  - SPECIALS SPECIFY IN ASSY/MODEL #
  - SHOP ORDER TO SPECIFY PART# & QUAN. OF: BKRS, PANELS, BKRS, KITS & BLOCKOFF KITS WILL BE LISTED ON THE BREAKER PANEL BOM.



**DWG. A-BPK-2 ECN 14193**

ASSY./MODEL NO. DESCRIPTION: ●BPKWW-vvVb-ppRgf-s  
 REPLACE lower case letters WITH DATA PER LEGEND BELOW

ww = RACK PANEL WIDTH: 19 OR 23  
 vv = PANEL VOLTAGE: 12, 24, OR 48  
 b = BUS CONNECTION (PER NOTES 10 & 11): L = LEFT (STD.), R = RIGHT (SPL.)  
 pp = POSITIONS MAX.: 24 OR 18 PER NOTES 6 & 7  
 R = ALARM: R = WITH ALARM  
 g = GROUND: NONE = POS. GND., N = NEG. GND.  
 f = FINISH: NONE = ANSI-61 GREY, OTHER LETTERS FOR SPECIALS PER SPEC A1-3  
 S = SPECIFIC BOM NO. INCLUDING BREAKER KITS & BLOCKOFF KITS.

ITEM	DESCRIPTION	QTY	UNIT	REMARKS
D	EBPK-2B			SCHEMATIC DWG. WITH ALARM - POS. GND.
C	EBPK-2C			SCHEMATIC DWG. WITH ALARM - NEG. GND.
S				REFER TO SCHEMATICS LISTED AT LEFT & TO SYSTEM WIRING DIAGRAM FOR EXACT DETAILS

POSITIVE GROUND SYSTEMS		NEGATIVE GROUND SYSTEMS	
WIRE "C" CONNECTS TO TERMINAL #1 OF ALARM PANEL	WIRE "C" CONNECTS TO TERMINAL #2 OF ALARM PANEL	WIRE "C" CONNECTS TO TERMINAL #1 OF ALARM PANEL	WIRE "C" CONNECTS TO TERMINAL #2 OF ALARM PANEL
TERMINAL #1 OF ALARM PANEL CONNECTS TO GROUND	TERMINAL #2 OF ALARM PANEL CONNECTS TO GROUND	TERMINAL #1 OF ALARM PANEL CONNECTS TO GROUND	TERMINAL #2 OF ALARM PANEL CONNECTS TO GROUND