

**EPPB-120.240-100AMB-2X30A.2P-6X20A.1P-2XB**

**Explosion Proof Panel Board - Class I, II, III - 120/240V 1PH - 100A MCB - (8) Breakers - NEMA  
Product ID: 239501**



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

**EPPB-120.240-100AMB-2X30A.2P-6X20A.1P-2XB Explosion Proof Panel Board**

Type: Explosion Proof Panel Board

Dimensions: 23.31" x 17.31" x 11.13"

Weight: -

Primary Voltage: 120/240V 1PH

Main Circuit Breaker Amp Rating: 100A

Configuration: 3 Wire

KAIC: 22

Breakers: (8) Total: (2) 30A 3P, (6) 20A 1P

Blank Spaces: (2) 1P

Materials: Copper-free Aluminum, 316 SS

Mount: Surface/Wall

Hubs: See description

Power Entry: Top Feed

\*All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250\*

**Ratings/Approvals**

Class I, Divisions 1 & 2 Groups B,C,D

Class II, Division 1, Groups E,F,G

Class II, Division 2, Groups F,G

Class III

NEMA 7/9

**Special Orders - Special Requirements**

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**The EPPB-120.240-100AMB-2X30A.2P-6X20A.1P-2XB is an Explosion Proof Panel Board that is designed for hazardous locations and industrial facilities. This panel board is compatible with single-phase 120/240V and has a 3-wire configuration. The 100-amp rated main circuit breaker panel contains eight, circuit breakers and two, blank spaces.**

The EPPB-120.240-100AMB-2X30A.2P-6X20A.1P-2XB is suitable for circuit protection in hazardous locations. Taking on a 3-wire configuration, the main circuit breaker unit features a 100-amp rating. This 22 KAIC rated panel board contains a primary voltage of single-phase 120/240V AC. Operators may access two, 30-amp 2-pole and six, 20-amp 1-pole breakers. Two, blank 1-pole spaces can be found in the panel board.

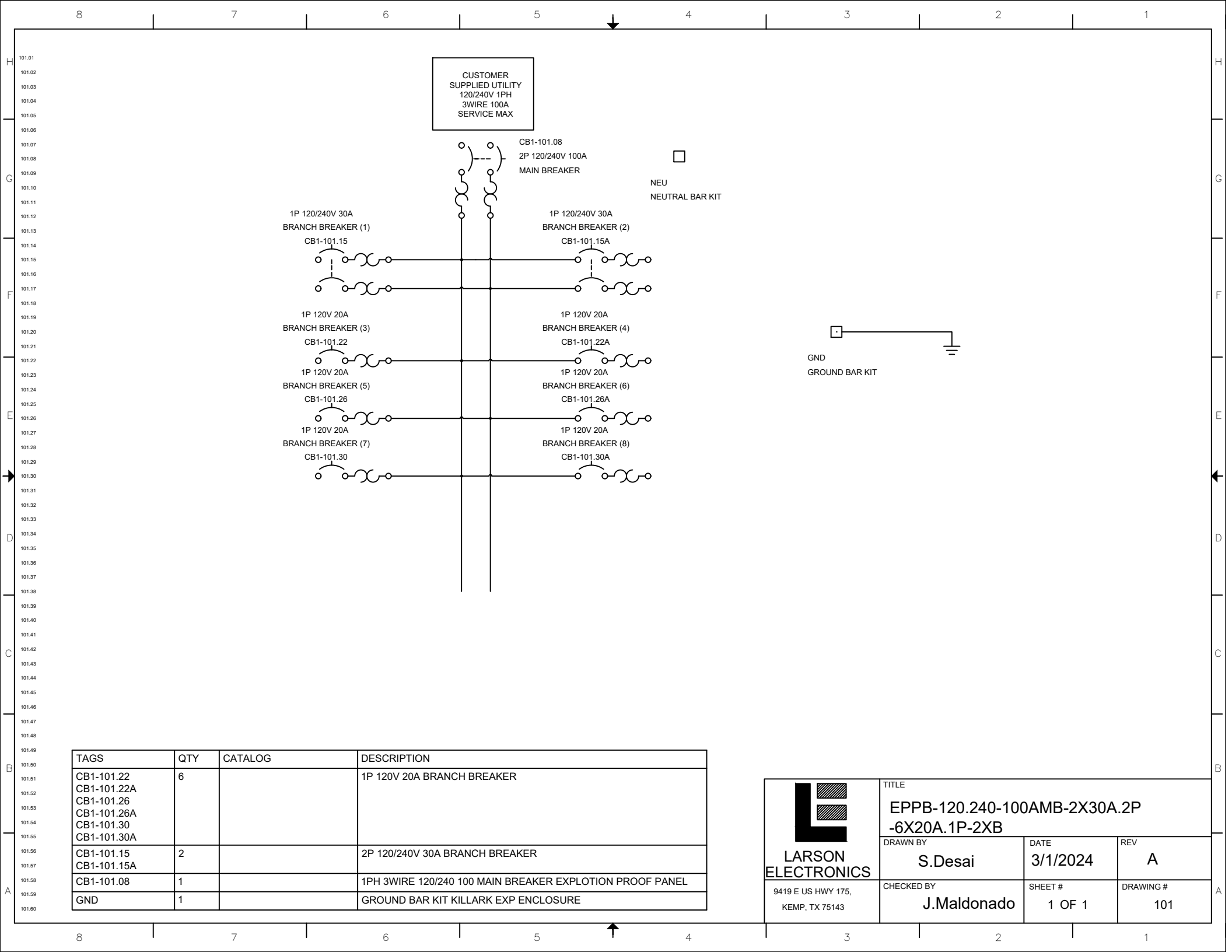
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The explosion proof panel board is constructed of copper-free aluminum, with stainless steel hardware. The top-feed explosion proof unit can be mounted on flat surfaces or walls. The NEMA rated panel board contains One, 3" NPT and One, 1" NPT on the South side. One, 3" NPT and Two, 1" NPT on the North side. Five, 1" NPT on the East side. and Six, 1" NPT on the West side.

**Applications:** Industrial facilities, hazardous locations, offshore refineries, marine locations, indoor/outdoor spaces, agricultural sites, ship yards, docks and more. Larson Electronics is a manufacturer and as such can build transformers to your specifications. Although we carry several models of power distribution transformers, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

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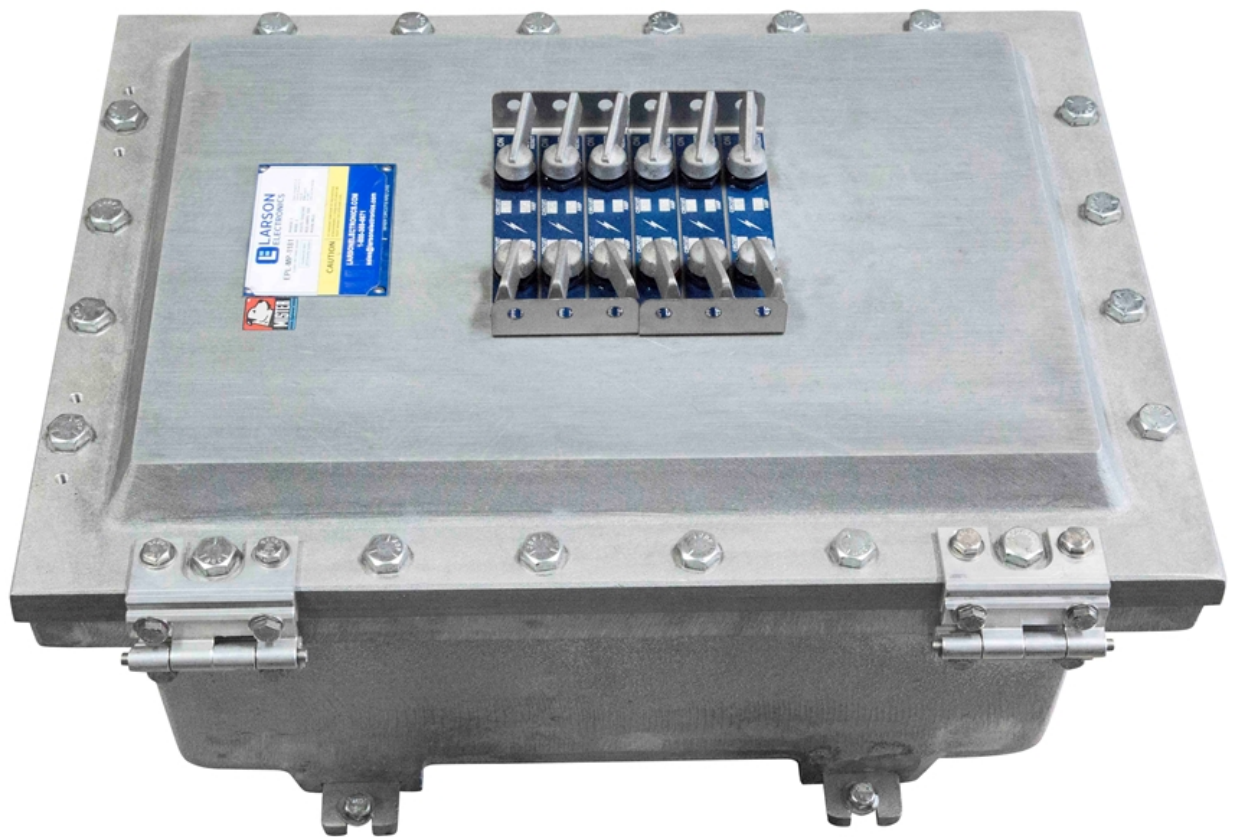
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|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---|---|---|---|---|----------|
| 8                                                                                                                                                        | 7                  | 6 | 5 | 4 | 3 | 2 | 1        |
| REV                                                                                                                                                      | DESCRIPTION        |   |   |   |   |   | DATE     |
| A                                                                                                                                                        | PRODUCTION RELEASE |   |   |   |   |   | 3/1/2024 |
| <div>EPPB-120.240-100AMB-2X30A.2P<br/>-6X20A.1P-2XB</div> <div></div> |                    |   |   |   |   |   |          |
| 8                                                                                                                                                        | 7                  | 6 | 5 | 4 | 3 | 2 | 1        |

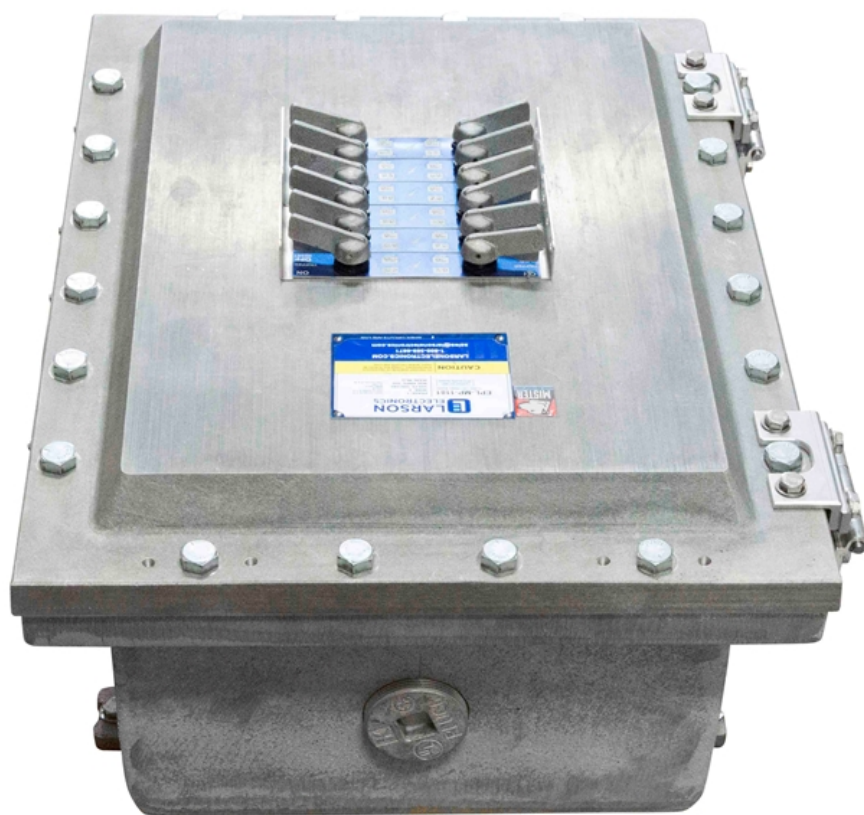


| TAGS                                                                                | QTY | CATALOG | DESCRIPTION                                              |
|-------------------------------------------------------------------------------------|-----|---------|----------------------------------------------------------|
| CB1-101.22<br>CB1-101.22A<br>CB1-101.26<br>CB1-101.26A<br>CB1-101.30<br>CB1-101.30A | 6   |         | 1P 120V 20A BRANCH BREAKER                               |
| CB1-101.15<br>CB1-101.15A                                                           | 2   |         | 2P 120/240V 30A BRANCH BREAKER                           |
| CB1-101.08                                                                          | 1   |         | 1PH 3WIRE 120/240 100 MAIN BREAKER EXPLOTION PROOF PANEL |
| GND                                                                                 | 1   |         | GROUND BAR KIT KILLARK EXP ENCLOSURE                     |

|                                                                                                                               |                                                        |                   |                  |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------|------------------|
| <div><div><div></div><div></div></div><div>LARSON<br/>ELECTRONICS</div><div>9419 E US HWY 175,<br/>KEMP, TX 75143</div></div> | TITLE<br>EPPB-120.240-100AMB-2X30A.2P<br>-6X20A.1P-2XB |                   |                  |
|                                                                                                                               | DRAWN BY<br>S.Desai                                    | DATE<br>3/1/2024  | REV<br>A         |
|                                                                                                                               | CHECKED BY<br>J.Maldonado                              | SHEET #<br>1 OF 1 | DRAWING #<br>101 |
|                                                                                                                               |                                                        |                   |                  |









## **Frequently Asked Questions (FAQ)**