

# Specifications



Photo is representative

## Eaton PRL1A1600X42C

Eaton Pow-R-Stock PRL1A panelboard, Interior, 208Y/120V, Single-phase, 4W, 600A, Copper bus, 42 circuit

### General specifications

<b>PRODUCT NAME</b>	Eaton Pow-R-Stock PRL1A panelboard
<b>CATALOG NUMBER</b>	PRL1A1600X42C
<b>UPC</b>	786687010739
<b>PRODUCT LENGTH/DEPTH</b>	67 in
<b>PRODUCT HEIGHT</b>	7 in
<b>PRODUCT WIDTH</b>	18 in
<b>PRODUCT WEIGHT</b>	60 lb
<b>COMPLIANCES</b>	NEMA Compliant
<b>CERTIFICATIONS</b>	UL 67



### Product specifications

**TYPE** PRL1A Panelboard

### Resources

<b>AMPERAGE RATING</b>	600A
<b>BUS MATERIAL</b>	Copper
<b>BUS RATING</b>	600 A
<b>FEED TYPE</b>	Top/bottom
<b>NUMBER OF CIRCUITS</b>	42
<b>NUMBER OF POLES</b>	Single-pole, three-pole
<b>OPERATING TEMPERATURE</b>	40°C
<b>PHASE</b>	Single-phase
<b>RATED OPERATIONAL CURRENT</b>	80%
<b>SHORT-CIRCUIT RATING</b>	35 A
<b>VOLTAGE RATING</b>	240V
<b>WIRE SIZE</b>	#4 AWG-350 kcmil
<b>CIRCUIT BREAKER RATING</b>	NEMA
<b>CURRENT - MAX</b>	600 A
<b>INTERRUPT RATING</b>	35 kAIC
<b>NEMA RATING</b>	NEMA 1, NEMA 3R
<b>RATING OF FEEDERS</b>	15-100
<b>SERIES</b>	PRL1a
<b>TRIP RATING</b>	600
<b>VOLTAGE - MAX</b>	240 V

<b>MULTIMEDIA</b>	<a href="#">Pow-R-Line Xpert family overview</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - PRL1A1600X42C</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

Eaton is a registered trademark. Follow us on social media to get the latest product and support information.

All other trademarks are property of their respective owners.

---

© 2025 Eaton. All Rights Reserved.



# Specifications



Photo is representative

## Eaton PRL1A1600X42C

Eaton Pow-R-Stock PRL1A panelboard, Interior, 208Y/120V, Single-phase, 4W, 600A, Copper bus, 42 circuit

### General specifications

<b>PRODUCT NAME</b>	Eaton Pow-R-Stock PRL1A panelboard
<b>CATALOG NUMBER</b>	PRL1A1600X42C
<b>UPC</b>	786687010739
<b>PRODUCT LENGTH/DEPTH</b>	67 in
<b>PRODUCT HEIGHT</b>	7 in
<b>PRODUCT WIDTH</b>	18 in
<b>PRODUCT WEIGHT</b>	60 lb
<b>COMPLIANCES</b>	NEMA Compliant
<b>CERTIFICATIONS</b>	UL 67



### Product specifications

**TYPE** PRL1A Panelboard

### Resources

<b>AMPERAGE RATING</b>	600A
<b>BUS MATERIAL</b>	Copper
<b>BUS RATING</b>	600 A
<b>FEED TYPE</b>	Top/bottom
<b>NUMBER OF CIRCUITS</b>	42
<b>NUMBER OF POLES</b>	Single-pole, three-pole
<b>OPERATING TEMPERATURE</b>	40°C
<b>PHASE</b>	Single-phase
<b>RATED OPERATIONAL CURRENT</b>	80%
<b>SHORT-CIRCUIT RATING</b>	35 A
<b>VOLTAGE RATING</b>	240V
<b>WIRE SIZE</b>	#4 AWG-350 kcmil
<b>CIRCUIT BREAKER RATING</b>	NEMA
<b>CURRENT - MAX</b>	600 A
<b>INTERRUPT RATING</b>	35 kAIC
<b>NEMA RATING</b>	NEMA 1, NEMA 3R
<b>RATING OF FEEDERS</b>	15-100
<b>SERIES</b>	PRL1a
<b>TRIP RATING</b>	600
<b>VOLTAGE - MAX</b>	240 V

<b>MULTIMEDIA</b>	<a href="#">Pow-R-Line Xpert family overview</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - PRL1A1600X42C</a>

---

**PROJECT NAME:**

---

**PROJECT NUMBER:**

---

**PREPARED BY:**

---

**DATE:**

---



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

Eaton is a registered trademark. Follow us on social media to get the latest product and support information.

All other trademarks are property of their respective owners.

---

© 2025 Eaton. All Rights Reserved.

