

# Model: RB0323

30A (24A derated), 100 - 120 VAC, 1ph

## Basic PDU Data Sheet – RackPower PDU

The RB0323 Basic PDU offers a cost-effective option to users who do not require intelligence. Premium hydraulic-magnetic circuit breakers operate reliably in high temperature environments. The Basic PDU offers advanced features, such as color-coded locking IEC outlets, RackPower standard low-profile design, and toolless mounting backed by a 5-year hassle free warranty.



### Electrical Input

Input Plug Type	NEMA L5-30P
Acceptable input voltage	100-120 VAC, 1ph
Input current (phase)	30A (24A derated)
Input frequency	50/60 Hz
Max Input power	2.9 kVA

### Electrical Output

Output voltage	100-120VAC
Maximum output current (phase)	30A (24A derated)
Overload protection (internal)	(2) 1-pole, 20A, 5 kAIC, "temp stable, hy-mag type"
Outlet configuration	22x NEMA 5-20R

### Physical

Chassis Dimensions (L x W x D)	817 x 52 x 53 mm (32.17 x 2.05 x 2.09 in)
Depth at circuit breaker	56 mm (2.20 in)
Input cord length	3 m (10')

### Environmental

Operating Temperature	-5 to 60°C (23 to 140°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Humidity (operating/storage)	5-90% RH / 5-95% RH; non-condensing
Max operating elevation, above MSL	L 3,000 m (9,840 ft)

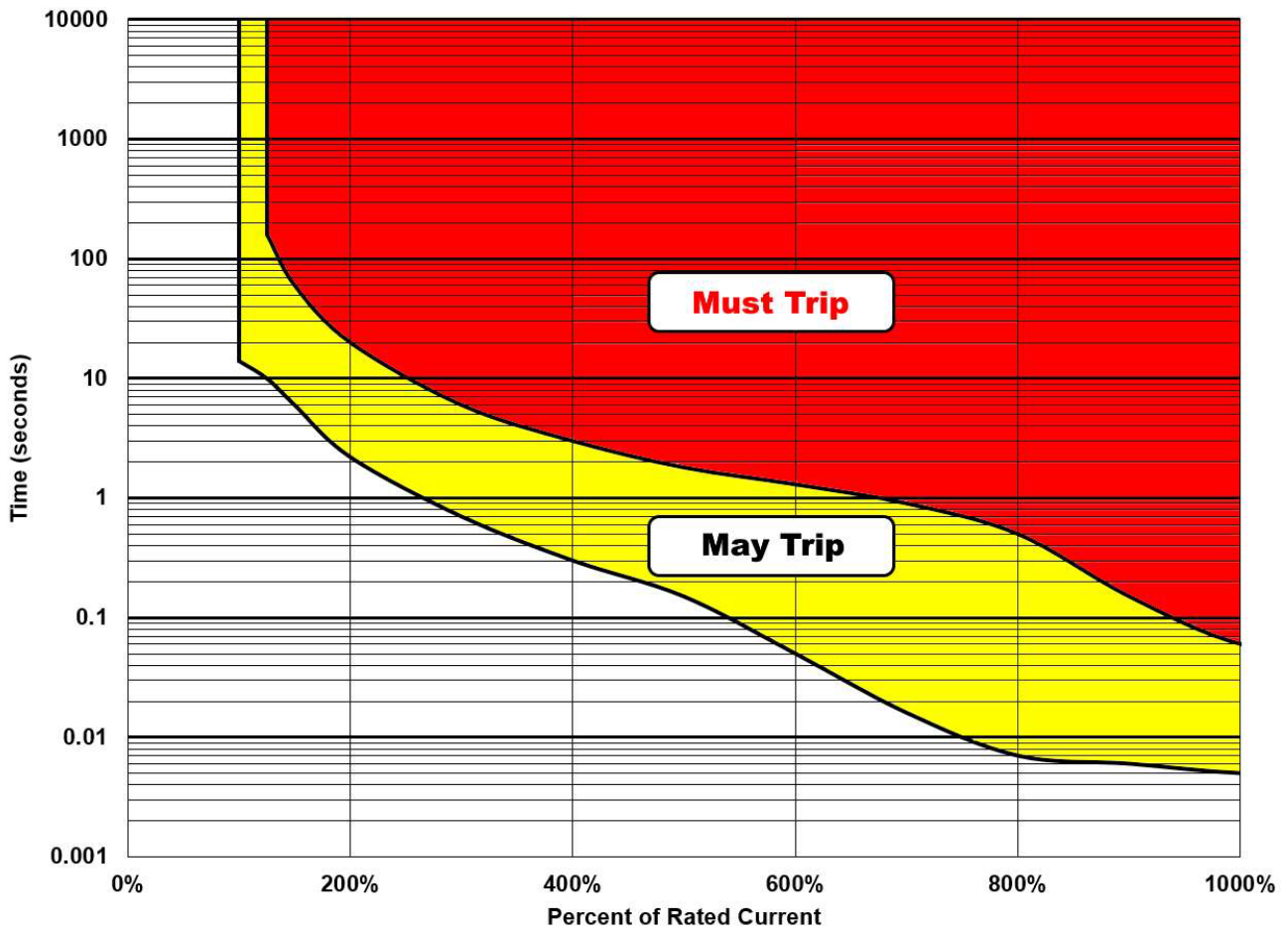
### Compliance

Safety & Environmental	IEC 62368 listed. RoHS, and REACH compliant. See drawing for additional information.
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### Overcurrent Protection

#### Circuit Breaker Configuration

Circuit Breaker Type	(2) 1-pole, 20A, 5 kAIC, "temp stable, hy-mag type"
Circuit Interrupt Rating	5 kAIC
Circuit Breaker Trip Curve	Sensata Trip Curve 62/Carling Trip Curve 24
Inrush Pulse Tolerance	10 times rated current (approx.)
Dielectric Strength	3,750 VAC, 60Hz, 60 seconds between all electrically isolated terminals
Vibration	Shall not trip when vibrated to MIL-STD-202, Method 204, Condition A, 100% load
Temperature Rating	-40 to 85° C (-40 to 185° F) Ambient
Handle Off Guard	Yes, protects against accidental user actuation to OFF position



**Warranty and Terms**

**Warranty :** nVent warranties RackPower brand equipment provided shall be free from manufacturing defects for a period of five (5) years from the invoice date to the original purchaser. For full warranty details, please visit <https://enlogic.com/warranty>.

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