

30A (24A DERATED) (24A derated), 120VAC, 1-phase

BASIC PDU DATA SHEET – EB SERIES

The Basic PDU is a cost-effective, reliable power distribution solution. Premium hydraulic-magnetic circuit breakers operate consistently in high-temperature environments. The Basic PDU offers advanced features, such as color-coded locking IEC outlets, a slim chassis design, and toolless mounting backed by a 5-year hassle-free warranty.

PDU FUNCTION

Metering Attributes	N/A
Metering Accuracy	N/A
Metering Locations	N/A
Remote Outlet Switching	No

ELECTRICAL INPUT

Input Plug Type	NEMA L5-30P
Acceptable Input Voltage	120VAC, 1-phase
Input Current (Phase)	30A (24A DERATED) (24A derated)
Input Frequency	50/60 HZ
Max Input Power	2.88 kVA

ELECTRICAL OUTPUT

Output Voltage	100-120VAC
Overload Protection (Internal)	(2)1-pole,20A,5 kAIC,"temp stable, hy-mag type"
Outlet Configuration	22(5-20R)

PHYSICAL

Chassis Dimensions (L x W x D)	817.0 × 52.0 × 53.0 mm (32.17 × 2.05 × 2.09 in)
Depth At Circuit Breaker	53 mm (2.09 in)
Input Cord Length	3m (9.84')

ENVIRONMENTAL

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

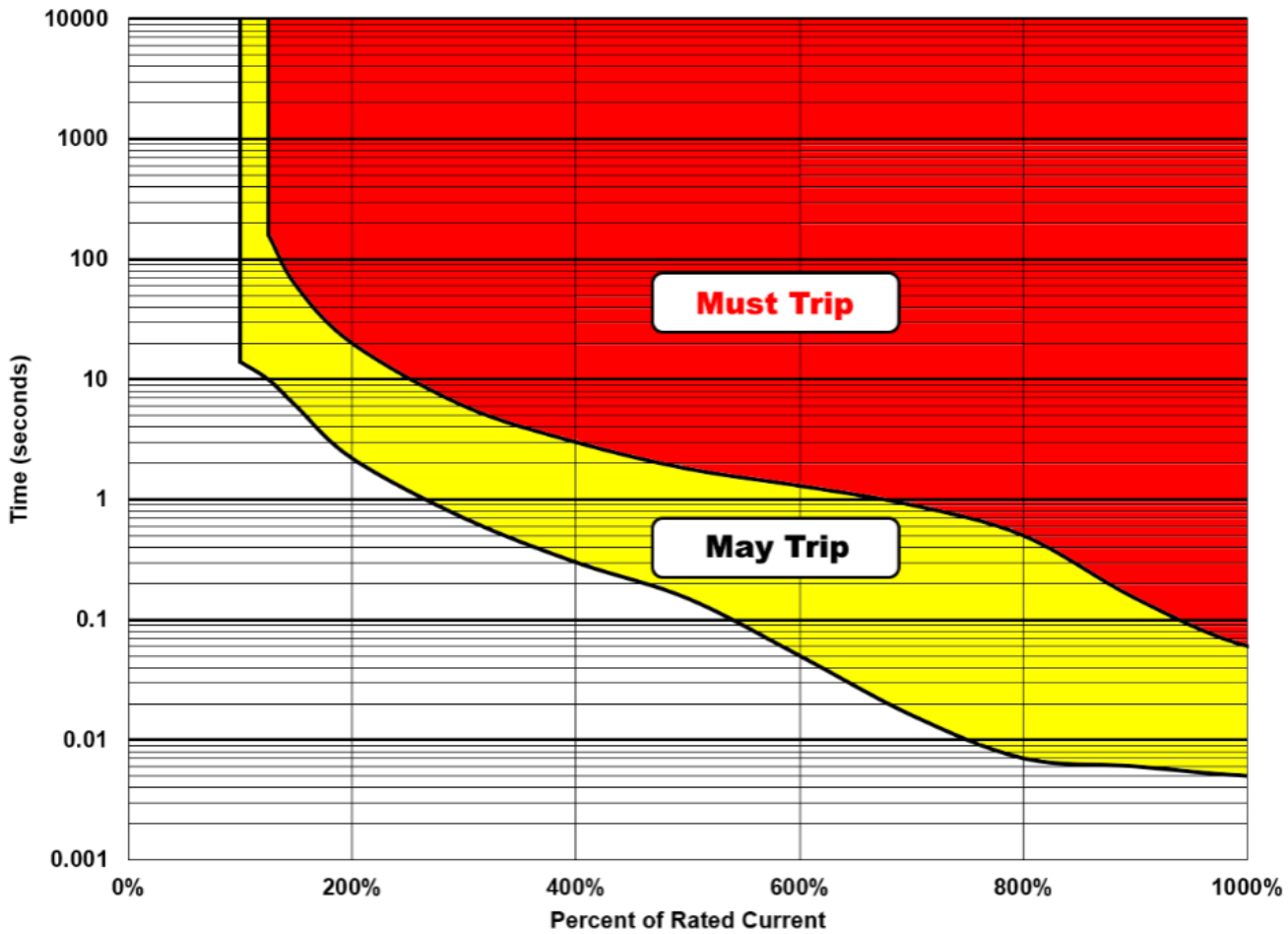
COMPLIANCE

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

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 Enlogic branded 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>.

**Disclaimer**

Copyright © 2023, CIS Global LLC and/or its affiliates. All rights reserved. This document is provided for information purposes only and current at the time of publishing; the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission. Enlogic is registered trademark of CIS Global LLC and/or its affiliates.

ABOUT nVent

nVent is a leading global provider of electrical connection and protection solutions. We believe our inventive electrical solutions enable safer systems and ensure a more secure world. We design, manufacture, market, install and service high performance products and solutions that connect and protect some of the world's most sensitive equipment, buildings and critical processes. We offer a comprehensive range of enclosures, electrical connections and fastening and thermal management solutions across industry-leading brands that are recognized globally for quality, reliability and innovation. Our principal office is in London and our management office in the United States is in Minneapolis. Our robust portfolio of leading electrical product brands dates back more than 100 years and includes nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER. Learn more at www.nvent.com.

Americasamersales@nvent.com**Asia Pacific**apacsales@nvent.com**Australia & New Zealand**anzsales@nvent.com**Europe & Middle East**cis.emea.sales@nvent.com**India**indiasales@nvent.com

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER