

DC Breaker, 1U, 20A

DCBKR1B-20



Features

- Branch Breakers for DCPDU1B Rack Mount DC PDUs
- Field-Configurable
- UL489 Listed

Applications

- Telecommunications Base Stations
- Land Mobile Radio
- First Responder Sites
- Emergency Management Systems
- Industrial Automation
- Utilities

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltage	24		48	Vdc
Output Voltage		48		Vdc
Maximum Continuous Operating Voltage (MCOV)				
Line to Return			80	Vdc
Input Current			20	A

Mechanical Specifications

Weight 0.25 lbs [113.4 g]

Monitoring and Control

Alarm Relays 0

Environmental Specifications

Operating Temperature -10 to +70deg C
 Storage Temperature -40 to +85deg C

Compliance Certifications

UL Compliant UL489
 RoHS Compliant Yes

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[DC Breaker, 1U, 20A DCBKR1B-20](#)

DC Breaker, 1U, 20A

DCBKR1B-20 DC Circuit Breaker

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: [DC Breaker, 1U, 20A DCBKR1B-20](#)

URL: <https://www.transtector.com/dc-circuit-breaker-rack-mount-pdu-dc-dcbkr1b-20-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

DCBK1B-20 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/21/21
		APPROVED DWR

Top View Dimensions:

- Width: .77 [19.6]
- Height: 1.56 [39.6]
- Flange Thickness: .23 [5.9]

Front View Dimensions:

- Width: 1.56 [39.6]
- Height: 2.35 [59.7]

Isometric View

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X = ±.2	[.08]	FRACTIONS
.XX = ±.02	[.51]	± 1/32
.XXX = ±.005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305]	±.1 [25]	/ -0
12 [305] < L ≤ 60 [1524]	±.2 [51]	/ -0
60 [1524] < L ≤ 120 [3048]	±.4 [102]	/ -0
120 [3048] < L ≤ 300 [7620]	±.6 [152]	/ -0
300 [7620] < L	±.9 [22.8]	/ -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR, INC. ALL RIGHTS RESERVED.

SHEET 1 OF 1

SCALE 1:1

TRANSTECTOR

an **INFINIT** brand

10701 Airport Road, Hayden, ID 83835
 Phone: 1.208.635.6400 | 1.800.882.9110
 Fax: 1.208.955.2041
 Website: www.transvector.com
 E-mail: sales@transvector.com

SIZE A

CAGE CODE 30992

DRAWN BY DPM

ITEM NO. DCBK1B-20

REV A

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

T-Rev-D