

DC Breaker, 2U, 2.5A

## DCBKR2B-2.5



### Features

- Branch Breakers for DCPDU2B 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                               |         |         | 2.5     | A     |

### Mechanical Specifications

Weight 0.5 lbs [226.8 g]

### Monitoring and Control

Alarm Relays 0  
 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, 2U, 2.5A DCBKR2B-2.5](#)

DC Breaker, 2U, 2.5A

## DCBKR2B-2.5

### DC Circuit Breaker

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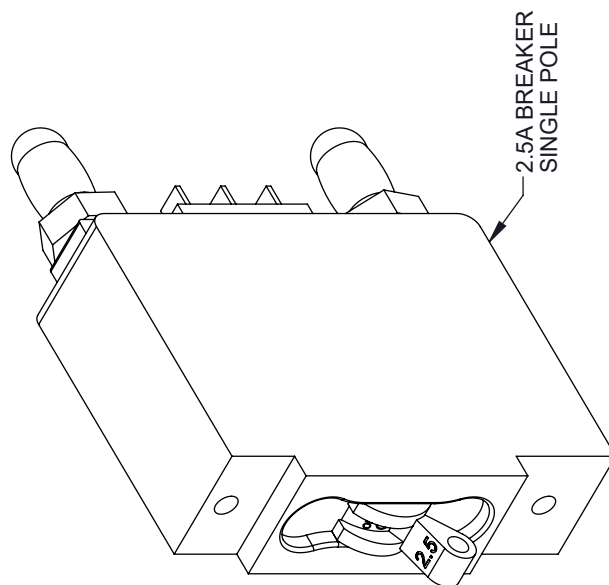
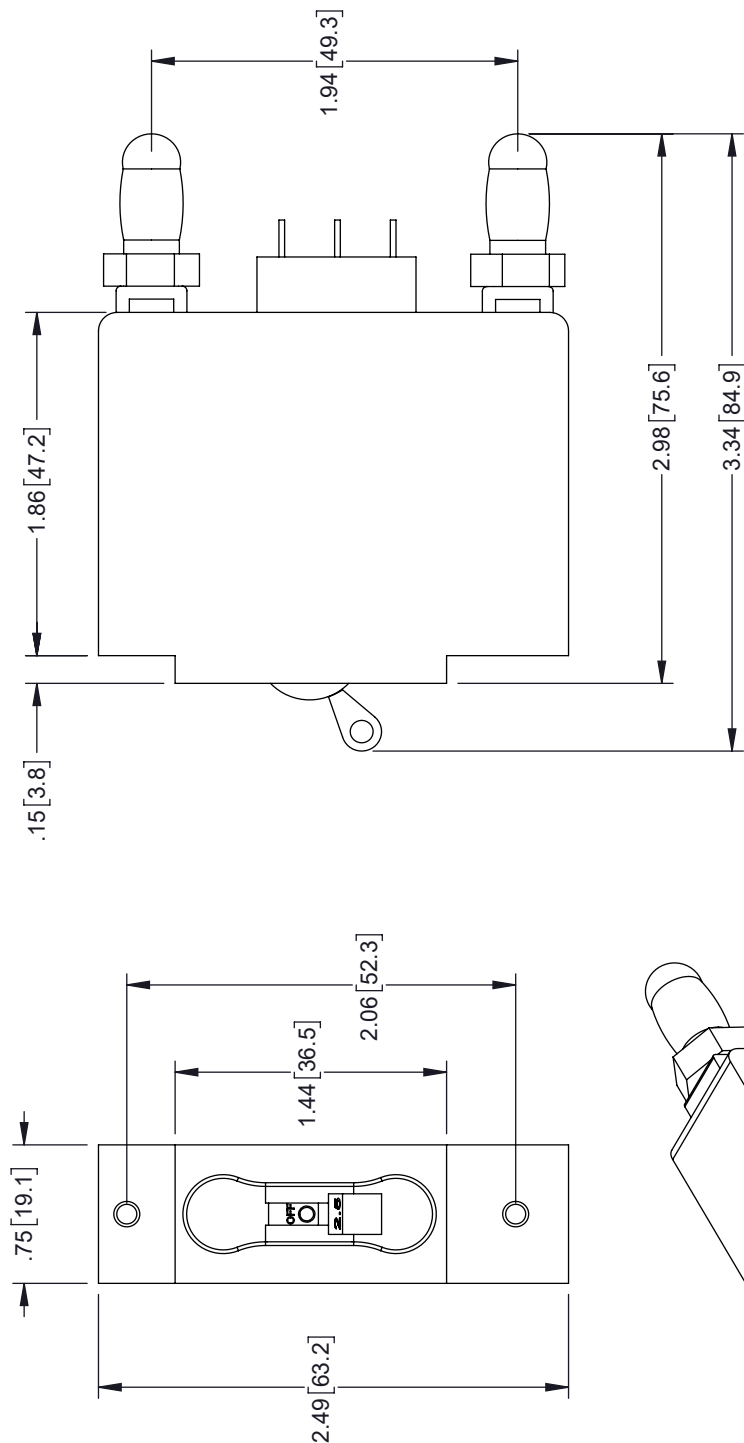
Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated 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, 2U, 2.5A DCBKR2B-2.5](#)

URL: <https://www.transtector.com/dc-circuit-breaker-rack-mount-pdu-dc-dcbkr2b-2.5-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.

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



|                                                                                                  |                                                                                                                                                                                                                                              |         |                      |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS | TOLERANCES:                                                                                                                                                                                                                                  |         |                      |
|                                                                                                  | $X = +.2$                                                                                                                                                                                                                                    | $[.08]$ | FRACTIONS            |
|                                                                                                  | $XX = +.02$                                                                                                                                                                                                                                  | $[.51]$ | $\pm 1/32$           |
|                                                                                                  | $XXX = +.01$                                                                                                                                                                                                                                 | $[.13]$ | ANGLES $\pm 1^\circ$ |
|                                                                                                  | CABLE LENGTH (L) TOLERANCES:                                                                                                                                                                                                                 |         |                      |
|                                                                                                  | $L \leq 120$ (3048) = $+1$ (25) / -0<br>$12$ (305) $< L \leq 150$ (381) = $+2$ (51) / -0<br>$60$ (1524) $< L \leq 120$ (3048) = $+4$ (102) / -0<br>$120$ (3048) $< L \leq 300$ (7620) = $+6$ (152) / -0<br>$300$ (7620) $< L \leq +5\%$ / -0 |         |                      |
|                                                                                                  | ALL DIMENSIONS SHOWN<br>ARE FOR REFERENCE ONLY.                                                                                                                                                                                              |         |                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                               |          |           |             |     |       |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|-------------|-----|-------|---|
|  <p><b>an INFINIT@ brand</b></p> <p>10701 Airport Road, Hayden, ID 83835<br/>         Phone: 1.208.635.6400   1.800.382.9110<br/>         Fax: 1.208.955.2041<br/>         Website: <a href="http://www.transsector.com">www.transsector.com</a><br/>         E-mail: <a href="mailto:sales@transsector.com">sales@transsector.com</a></p> | ITEM NO. |           | DCBKR2B-2.5 |     | REV   | A |
|                                                                                                                                                                                                                                                                                                                                                                                                                               | SIZE     | CAGE CODE | DRAWN BY    | DPM | SCALE |   |
| THIRD-ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                                                                        |          | SHEET     |             | 1   | OF    | 1 |
|  <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSECTOR, INC. ALL RIGHTS RESERVED.</p>                                                                                                                                                                                                                               |          | SCALE     |             | 1:1 |       |   |

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