

This PDF is generated from: <https://www.aitesigns.co.za/Tue-18-Nov-2025-33208.html>

Title: Inverter db3 trigger voltage

Generated on: 2026-08-01 17:56:01

Copyright (C) 2026 AITESIGNS SOLAR. All rights reserved.

For the latest updates and more information, visit our website: <https://www.aitesigns.co.za>

Compared to other trigger diodes, the DB3 has more specific trigger voltage characteristics, so it is suitable for applications requiring small size and precise triggering.

High temperature soldering 260°C/10 seconds at terminals. Component in accordance to RoHS 2002/95/1 and WEEE 2002/96/EC. Mounting position: Any.

Functioning as a trigger diode with a fixed voltage reference, the DB3/DB4 series can be used in conjunction with triacs for simplified gate control circuits or as a starting element in ...

Once the breakdown voltage is exceeded, the DB3 switches on and allows current to flow in either direction. This behavior makes it ideal for ...

9 Y 0.95 0.037 MARKING Note: Apply positive voltage in cathode line and apply negative in another electrode, it will show better I/V curve. It helps user differentiate. CREAT BY ART ...

BIDIRECTIONAL TRIGGER DIODE DB3 VOLTAGE RANGE 32 Volts POWER 150 mW FEATURES
Small glass structure ensures high reliability Low breakover current

Features Low breakover current Excellent symmetry Very low leakage current Trigger diode with a fixed voltage reference High temperature soldering guaranteed: 250°C/10s/9.5mm lead ...

Functioning as a trigger diode with a fixed voltage reference, the DB3/DB4 series can be used in conjunction with triacs for simplified gate control circuits or as a starting element in fluorescent ...

Spec and Replacements for DB3 (SCR). Cross Reference Search.

View datasheets for DB3, DB4, SMDB3 by STMicroelectronics and other related components here.

Once the breakdown voltage is exceeded, the DB3 switches on and allows current to flow in either direction. This behavior makes it ideal for triggering TRIACs in AC circuits.

Web: <https://www.aitesigns.co.za>

