

DNA-XT

Cube slot extension

- Allows an “empty” slot to be inserted between I/O boards in a Cube
- Allow preservation of mechanical drawings when an I/O board is removed from a Cube
- Preserves full Cube shock and vibration specifications

10-Year
Availability
Guarantee



General Description

The DNA-XT allows an “empty” slot to be inserted between I/O boards in a Cube. In the Cube architecture, each I/O board plugs directly into the board above (and below if applicable). This connection scheme cannot be maintained if for any reason the application requires an “empty” slot between boards. The DNA-XT is designed to provide the bridge between boards when the slot between them will not contain another I/O board. The DNA-XT is designed with cutouts in the PCB to ensure no mechanical conflicts with boards above and below. The cutouts also facilitate airflow within the cube and the cooling impact it offers.

Technical Specifications

Vibration	IEC 60068-2-6 IEC 60068-2-64	5 g, 10-500 Hz, sinusoidal 5 g (rms), 10-500Hz, broad-band random
Shock	IEC 60068-2-27	100 g, 3 ms half sine, 18 shocks @ 6 orientations 30 g, 11 ms half sine, 18 shocks @ 6 orientations
Altitude		to 70,000 feet
MTBF		> 250,000 hours

Ordering Options:

Product	Description
DNA-XT	Cube slot extension