NI PXI SWITCHING

Product Data Sheet

PXI-2532B

PXI matrix switch module

PLATFORM	SWITCH TYPE	CROSSPOINTS	MAXIMUM CURRENT
PXI Hybrid	**Reed relay**	**512**	**0.5 A**

National Instruments PXI-2532B is a high-density PXI matrix switch module with 512 crosspoints and reed-relay switching. It supports more than ten matrix configurations for automated test and signal-routing applications.

01 VERIFIED TECHNICAL DATA

Platform	PXI Hybrid
Switch type	Reed relay
Crosspoints	512
Maximum current	0.5 A
Maximum voltage	100 V
Maximum bandwidth	30 MHz
Switching speed	Up to 2000 cycles/s
Matrix topologies	More than 10
Hardware triggers	Supported
Relay counting	Supported

Technical values apply to the complete product identity shown above.

02 ADDITIONAL PRODUCT DATA

03 PRODUCT DESCRIPTION

The terminal block, matrix topology, channel voltage and current limits, relay count and trigger routing must match the test fixture. Preserve route configuration and calibration records, then perform continuity, isolation and functional switching checks after replacement.

04 APPLICATION FIELDS

Electronic Component and Precision Product Manufacturing: Electronic component production; Precision electromechanical manufacturing.

Vehicle and Automotive Component Manufacturing: Vehicle production and assembly industries; Automotive component manufacturing.

Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations.

05 SOURCE BASIS

NI PXI-2532B product data

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**