KT-AM-301 High-Density Switching Matrix

konrad technologies

High speed and high density switching matrix for the PXI Analog Bus Extension ABex.

Several matrix topologies possible:

- 172 x 4
- 2x 86 x 4
- 86 x 8

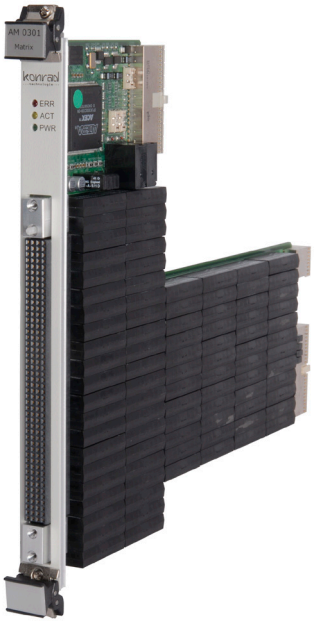
Analog Bus Interface

PXI Trigger Bus interface

Robust gold plated 192 Pin Front Connector

Direct connectivity to Virginia Panel possible

Cost effective maintenance after lifetime of relays



Applications:

High-density switching in ATE systems

Very fast in-ciruit test and semiconductor test

Automotive, Aerospace, Medical and other markets

Technical Data:

Matrix topologies: Per software configurable		
	• 172 x 4	
	• 2 x 86 x 4	
	• 86 x 8	
Manually configurable routing to the analog buses		
Compatibilty:	3U PXI systems with KT PXI-Analog Bus Extension	
	PXI-Trigger Bus	
Connectors:	Gold plated 192 Pin Front Connector	
	Direct Virginia Panel Interface optional (Quadra Paddle)	
Relays:	Easy replacement of relays without special SMD tools, 8 Relays in one housing	
	All relays can be controlled independently and at the same time	
	Additional 2 power relays at 5A for switching of UUT power supplies	
Input Characteristics:	Maximum switching voltage:	60V DC/AC
	Maximum switching current:	0.75A DC/AC
	Maximum switching power:	10 W / 10 VA
	Relay switching time	
	(incl. bouncing):	0.5 ms
Environmental conditions:	Temperature range:	+5°C to +40°C
	Relative humidity at +40°C:	95%
General data:	CE compliant, RoHS compliant	
Ordering information:	G191210	

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