

PEX-H251500 PCI Express Interface Module Relay Output

Base Specifications

Model type	PEX-H251500
Bus Requirements	PCI Express™ Base Specification Rev. 1.0a x1
Number of slots	1 slot
Memory Size	8KB + 32bytes
Data transfer method	I/O transfer (memory mapped I/O)
Dimensions	165.00 (D) x 106.65 (H) [mm]
Weight	110g
Power Consumption	+3.3 Vdc (+/-0.3 V):
All outputs and control signals inactive	0.3A (typ.)
All outputs and control signals active	0.7A (typ.)
Environmental conditions	Operating temperature: 0 deg C to 50 deg C Relative humidity: 20% to 90% (non-condensing)
Connector	CN1: 96-pin Half-pitch male connector
On-board connector	PCR-E96LMDC-ST+ (Honda Tsusin Kogyo Co., Ltd) or equivalent
Acceptable cable connector	PCR-E96DSFA+ (Honda Tsusin Kogyo Co., Ltd) or equivalent
Isolation	Photo-MOS isolation
Interrupt Sources	5 sources
External Signals	IR.IN1, IR.IN2 (Digital Input) x 2 RSTIN (external reset input signal) x 1 PULS.OUT1, PULS.OUT2 (Digital output) x 2 RSTOUT/P.OUT (reset signal output or power supply status signal) x 1
MTBF	256125 hrs.

Digital Output Specifications

Model type	PEX-H251500
Relay Type	Photo-MOS relay
Relays	PS7206-1A (NEC) or equivalent
Output signals	OUT1A to OUT32A, OUT1C to OUT32C
Output configuration	Form A relay
Output logic	0 → Disconnected 1 → In contact
Maximum Output Voltage	+35Vac / +50Vdc
Maximum Output Current	600mA / point
Leakage current	1.0 µA (max.)
Contact resistance	0.9 Ω (max.), excluding wiring resistance
Output Response Time	Operation time: 2.0ms (max.) Release time: 0.5ms (max.)
Output Control Signals	STB2: Output-Data Strobe Signal (out) ACK2: Output-Data Acknowledgement Signal (in)



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All product specifications are subject to change without prior notice.

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