

Appendix A

Relay Driver Specifications

Item	Specification
Maximum Open Collector Voltage	32V
Sink Current Capability	200 mA per switch
Maximum Internal Power Supply Current	+5V @ 1A (fused and requires P2) +12V @ 1A (fused) +24V @ 1A (fused and requires P2) One of the three internal power supplies can be selected. Use of the internal power supply will result in additional current consumption from the respective VXI backplane power supply.
Typical Time Allowed to Open/Close a Channel	30 msec
Interface Cables	Two 2-meter long twisted pair ribbon mating cables are supplied. Option 001 deletes these cables.
Module Size/Device Type	B, register-based
Connectors Used	P1 and P2 (optional)
Number of Slots	1
VXIbus Interface Capability	Interrupter, D16
Interrupt Level	1 - 7, selectable
Power Requirements	Voltage: +5V +12V Peak Module Current [IPM (A)]: 0.10 0.10 Dynamic Module Current [IDM (A)]: 0.10 0.01 (Does not include power from internal supplies to external loads.)