

Power dissipation	
All relays open.....	1.75 W
All relays closed, 0 A per channel...	7 W
All relays closed, 5 A per channel...	21.5 W
All relays closed, 7 A per channel...	35.0 W

Dynamic Characteristics

Relay operate time (at 20 °C)	5 ms typical, 10 ms maximum
Release time (at 20 °C).....	4 ms typical, 5 ms maximum
Expected relay life	
Mechanical	50,000,000 cycles
Electrical.....	100,000 cycles
(maximum load)	

Trigger Characteristics

Input trigger	
Sources	PXI trigger lines 0–7 and STAR
Minimum pulse width.....	70 ns
Output trigger	
Destinations	PXI trigger lines 0–7
Pulse width	1 μ s

Physical Characteristics

Relay type	Electromechanical, non-latching
I/O connector	16x2 minicombicon header
Contact material.....	Gold-flash over silver alloy
Dimensions (W \times H \times D).....	4 cm \times 10 cm \times 16 cm (1.6 in. \times 3.9 in. \times 6.3 in.)
Weight	390 g (14 oz)

Environment

Operating temperature..... 0 °C to 50 °C

Storage temperature-20 °C to 70 °C

Relative humidity 5% to 85% noncondensing

Pollution Degree 2

Approved at altitudes up to 2,000 m

Accessories

Visit ni.com for more information about the 16-pin screw terminal plug kit terminal block (761289-16) for the NI PXI-2565.

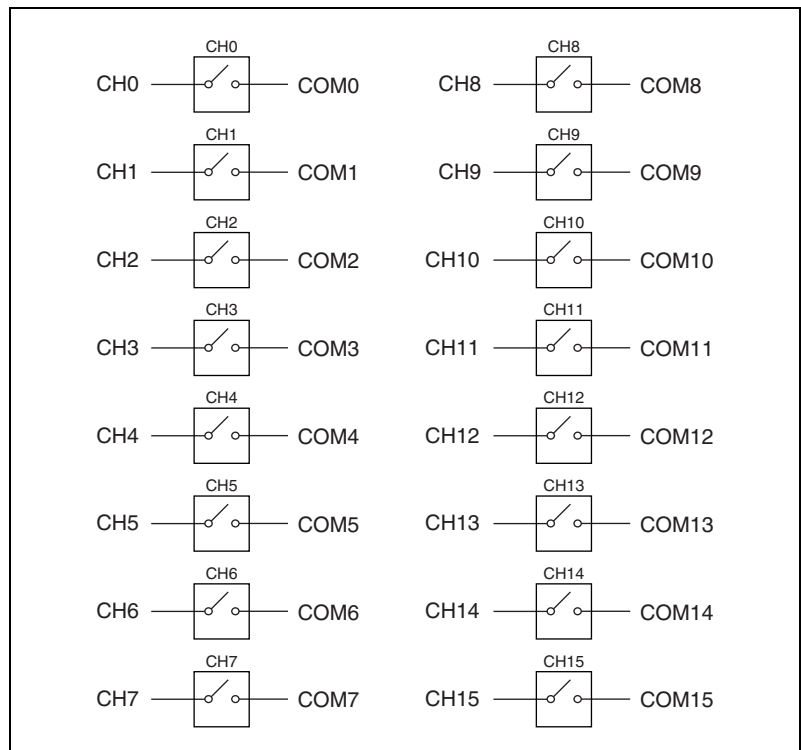


Figure 1. NI PXI-2565 Power-On State

Compliance and Certifications

Safety

This product is designed to meet the requirements of the following standards of safety for electrical equipment for measurement, control and laboratory use:

- IEC 61010-1, EN 61010-1
- UL 3111-1, UL 61010B-1
- CAN/CSA C22.2 No. 1010.1



Note For UL and other safety certifications, refer to the product label or to ni.com.

Electromagnetic Compatibility

Emissions	EN 55011 Class A at 10 m FCC Part 15A above 1 GHz
Immunity	EN 61326:1997 + A2:2001, Table 1
EMC/EMI	CE, C-Tick and FCC Part 15 (Class A) Compliant



Note For EMC compliance, you *must* operate this device with shielded cabling.

CE Compliance

This product meets the essential requirements of applicable European Directives, as amended for CE Marking, as follows:

Low-Voltage Directive (safety).....73/23/EEC

Electromagnetic Compatibility
Directive (EMC).....89/336/EEC



Note Refer to the Declaration of Conformity (DoC) for this product for any additional regulatory compliance information. To obtain the DoC for this product, click **Declarations of Conformity Information** at ni.com/hardref.nsf/.



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