



Features

- Up to 460 channels x 4 buses
- Bus isolation relays
- 19" Rack mount Chassis
- Ethernet 10/100 BaseT communications
- Direct I/O Driver called from C, C++
- Industry-Standard IVI C -Driver
- Support for National Instruments® Switch Executive™

Function

DigESwitch is a versatile and low-cost 10/100 BaseT Ethernet-controlled relay switching solution. Housed in a compact 2U 19" rack mount chassis, its full-capacity configuration features 460 channels and 4 buses. Bus lines can be individually connected and disconnected via isolation relays, which can significantly simplify external interface wiring. Each relay channel can carry up to 1.0A with 150VDC/100VAC off-state isolation.

DigESwitch can be employed as a stand-alone Ethernet appliance or as an integrated component of a complex test system. With flexible programming options including Direct I/O and IVI, *DigESwitch* offers wide options for complex routing and control of system resources.

Specifications

DigESwitch I/O Connectors (J1-5)

HONDA PCS-E96LMD

Relays

Type	SPST
Static Contact Resistance (maximum initial, typical)	400 mohm

	DC	AC
Max. Switching Voltage	150 VDC	100V Peak
Max. Switching Current	0.5 A	0.5 A Peak
Max. Switching Power	10W	10W
Max. Carry Current	1 A	1 A Peak
Mech. Life Expectancy	1 x 10 ⁹	
Operating Time – Typical	3.0 mS	
Max number of relays on	500	
Replacement relays	Coto 9001-05-01	

System Operating Environment

Operating Temperature	0-35°C
Humidity	20% to 80% rel. humidity

DigESwitch Configurations

0004-5202A	92 x 4
0004-5202B	184 x 4
0004-5202C	276 x 4
0004-5202D	368 x 4
0004-5202E	460 x 4

Power Requirements

Input Voltage	90-264 VAC
Frequency	47-63 Hz
Power	60W Max.

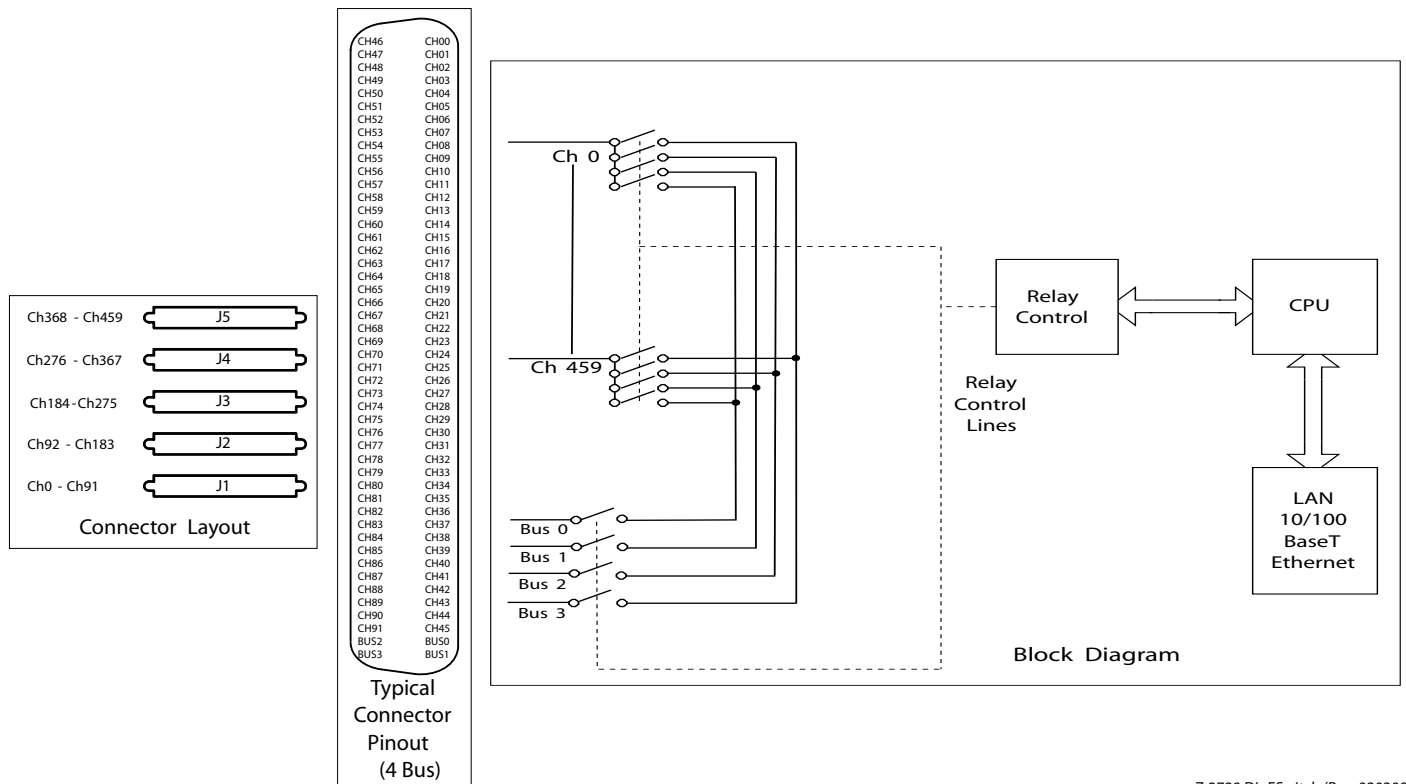
Fuses

N. America	3A/250V, 3AG Slo-Blo, LittleFuse 313003P
Europe	(2) 3.15A/250VAC, .5 x 20mm, Slo-Blo, Littlefuse 2183.15XP

Box Dimensions

19" Rack mount
2U (3.44") high x 18" deep
Weight - Less than 35 Lb. max.

Specifications are subject to change without notice.



Z-2729 DigESwitch (Rev. 020309)