

Digital Input/Output Modules

EX9044D/9050HD/9050AHD/9055D

EX9044D/9050HD/9050AHD/9055D



Introduction

The EX9000/ EX9000-M remote Input/Output as Digital I/O, Analog I/O, Relay and Counter modules. We offer many different communication modules for data send/receive as RS485, Modbus, Ethernet, Wireless, Fiber Optical. Customers can select specific modes according to Application purposes. Data send/receive can get from Industry PC via safe RS485 bus or Ethernet port for monitoring and controlling.

Specification

OUTPUT

Output Channels	8/ EX9044D 8/ EX9050HD; EX9050AHD 8/ EX9055D
Output Type	Open Collector(NPN)/ EX9044D Open Collector(NPN)/ EX9050HD Open Collector(PNP)/ EX9050AHD Open Source (N-MOSFET)/ EX9055D
Isolation Voltage	3750 Vrms/ EX9055D Non Isolation/ EX9050HD; EX9050AHD; EX9043D
Load Voltage	Max +30V/ EX9044D; EX9050HD; EX9050AHD +10 to +40V/ EX9055D
Max Load Current	375mA/ EX9044D 30mA/ EX9050HD; EX9050AHD 650mA/ EX9055D
Dual Watch Dog	Yes
Digital Output	Save Value: Yes Power On Value: Yes Output Command Value: Yes

INPUT

Input Channels	4/ EX9044D 8/ EX9050HD; EX9050AHD 8/ EX9055D
Input Type	Common Source/ EX9044D Common Source/ EX9050HD Common Ground/ EX9050AHD Common Source or Ground / EX9055D
Isolation Voltage	3750 Vrms/ EX9044D; EX9055D Non Isolation/ EX9050HD; EX9050AHD
Digital Level 0	1V max/ EX9044D; EX9050HD; EX9050AHD 4VDC Max/ EX9055D
Digital Level 1	4 to 30V/ EX9044D 3.5 to 30V/ EX9050D; EX9050AHD 10 to 50V/ EX9055D
Digital Input	Counter & Latch
Input Impedance	3K Ohms/ EX9044D; EX9050HD; EX9050AHD 10K Ohms/ EX9055D

POWER REQUIREMENT

Power input	+10 to +30 VDC
Power Consumption	1.7W/ EX9044D 1.1W/ EX9050D 1.6W/ EX9055D

Order Information:

Optional:	Mod bus
Accessories	Din Rail & Wall Mount CD(Utility/ Demo/ DLL/ Library/ Manual/ Wire Connection/ Block Diagram)