

AEIO-6160EI / AEIO-6160PN 16 Channel Relay Ethernet Module

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Features

16 channels relay outputs, (5) Form C (1) Form A/B (jumper inside to change NO to NC)
-10 ~ 70°C Operating Temperature

Specifications

Relay Output		Protection	
Channels	5 Form C 1 Form A/B (jumper inside to change NO to NC)	Over Voltage Protection	±35 VDC
		Isolation Protection	2,500 VDC
		Module Dimensions	110 x 60 x 27 mm (HxWxD)
		Construction Material	Impact Resistant ABS plastic
		Certifications & Compliances	UL, UL(C), CE, FCC rated, ROHS Compliant
Power Reversal Protection			
Environment			
		Temperature	Operating: -10 ~ 70°C (-14 ~ 158°F)
			Storage: -20 ~ 80°C (-4 ~ 176°F)
		Relative Humidity (non-condensing)	Operating: 20 ~ 95% RH
			Storage: 0 ~ 95% RH

Switching Capacity and Lifetime of the Contact (For Resistive Load)	
VDE	30,000 operations (5 A @ 250 VAC, 10 operations/minute at 85°C) 70,000 operations (5 A @ 30 VDC, 10 operations/minute at 85°C)
UL	60,000 operations (5 A @ 250 VAC) 100,000 operations (5 A @ 30 VDC)
Mechanism	20,000,000 operations (no load, 300 operations/min)
Breakdown Voltage	500 VAC (50/60 Hz)
Contact Resistance	30 mΩ (maximum)
Insulation Resistance	1 GΩ (minimum) at 500 VDC

General	
LAN	10/100Base-T(X)
Power Consumption	3.5 W @ 24 VDC
Connectors	(2) RJ-45 LAN, (Daisy Chain) Plug-in screw terminal block (I/O and power)
Watchdog	System (1.6 second) and Communication (programmable)
Power Input	10 ~ 30 VDC

