

APAX-5046

APAX-5060

24-ch Digital Output Module

12-ch Relay Output Module



Specifications

General

- **Enclosure** ABS+PC
- **Power Consumption** 2 W
- **LED Indicators** LED per channel
On: Logic level 1
Off: Logic level 0

Digital Output

- **Channels** 24
- **Type** Sink
- **Output Voltage Range** 8 ~ 35 VDC
- **Normal Output Current** 0.7 A (per channel)
- **Output Current Limitation** 1A (per channel)
- **Off-state Leakage Current** 15 μ A

Protection

- **Isolation Between Channels and Backplane** 3000 VDC
- **Short Circuit Protection** Yes
- **Thermal Shutdown Protection** Yes (150° C)
- **Over Current Shutdown Protection** Yes (1 A)
- **Over Load Protection** Yes

Environment

- **Operating Temperature** -10 ~ 50° C
- **Storage Temperature** -25 ~ 85° C
- **Humidity** 5 ~ 95% (non-condensing)

Ordering Information

- **APAX-5046** 24-ch Digital Output Module

Specifications

General

- **Enclosure** ABS+PC
- **Power Consumption** 2.5 W
- **LED Indicators** LED per channel
On: Relay closed
Off: Open

Relay Output

- **Channels** 12
- **Relay Type** Form A (SPST)
- **Switching Capacity and Lifetime of the Contact (For Resistive Load)**
VDE: 30000 operations (5 A @ 250 VAC , 10 operations/minute at 8° C)
70000 operations (5 A @ 30 VDC , 10 operations/minute at 85° C)
UL: 60000 operations (5 A @ 250 VAC)
100000 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 m Ω (maximum)
- **Insulation Resistance** 1 G Ω (minimum) at 500 VDC

Protection

- **Isolation Between Channels and Backplane** 3000 VDC

Environment

- **Operating Temperature** -10 ~ 50° C
- **Storage Temperature** -25 ~ 85° C
- **Humidity** 5 ~ 95% (non-condensing)

Ordering Information

- **APAX-5060** 12-ch Relay Output Module