APAX-5028
APAX-5040

8-ch Analog Output Module

24-ch Digital Input Module

Preliminary
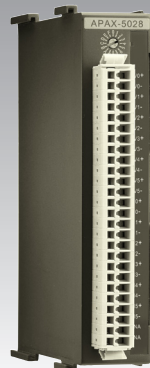
APAX-5028

Preliminary

APAX-5040

Specifications

General
- **Enclosure** ABS+PC
- **Power Consumption** 4.5W

Analog Output
- **Channels** 8
- **Output Type** V, mA
- **Output Range** ±2.5 V, ±5 V, ±10 V, 0 ~ 2.5 V, 0 ~ 5 V, 0 ~ 10 V, 0 ~ 20 mA, 4 ~ 20 mA
- **Resolution** 14-bit
- **Accuracy** ±0.1% of FSR
- **Settling time** about 500 μs
- **Slew Rate** 0.0625 VDC/μs (per channel)
- **Span Drift** ±60 ppm/° C
- **Zero Drift** ±275 mV/° C (Voltage)
  ±250 mV/° C (Current)
- **Drive Voltage (Current)** 15 VDC
- **Load (Current Mode)** 0 ~ 500Ω

Protection
- **Isolation Between Channels and Backplane** 3000 VDC
- **Short Circuit Protection** Yes

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

Ordering Information
- **APAX-5028** 8-ch Analog Output Module

Specifications

General
- **Enclosure** ABS+PC
- **Power Consumption** 1.5W
- **Status Display** LED per channel
  On: Logic level 1
  Off: Logic level 0

Digital Input
- **Channels** 24
- **Points per Common** 12
- **Type** Sink (Wet Contact)
- **Input Voltage**
  Rated Value 24 VDC
  For logic level 0 -30 ~ 5 VDC
  For logic level 1 13 ~ 30 VDC
- **Input Impedance** 10 kΩ
- **Input Delay** From logic level 0 to 1: 0.5 ms
  From logic level 1 to 0: 0.5 ms
- **Operating Frequency** 3 kHz
- **Hardware Input Filter** 3 kHz

Protection
- **Over Voltage Protection** ±35 VDC
- **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-5040** 24-ch Digital Input Module