APAX-5046
24-ch Digital Output Module

APAX-5046SO
20-ch Source Type DO Module

APAX-5046

FCC CE RoHS COMPLIANT 2002/95/EC

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Specifications

General

- **Certification**   CE, FCC class A
- **Dimensions**   30 x 139 x 100 mm
  (W x H x D)
- **Enclosure**   ABS+PC
- **Weight**   165 g
- **Power Consumption**   2.5 W @ 24 V_{DC} (typical)
- **Status Display**   LED per channel
                            On: Logic level 1
                            Off: Logic level 0

Digital Output

- **Channels**   24 (Sink Type)
- **Voltage Range**   8 ~ 35 V_{DC}
- **Rated Current Output** 0.5 A (per channel, at signal "1")
- **Leakage Current**   0.1 mA (at signal "0")
- **Switch Rate:**   Resistive load: 300 Hz (max.)
                            Inductive load: 20 Hz (max.)
                            Lamp load: 200 Hz
                            (max. at 5W lamp and under 50 Ω, 24 V)

Protection

- **2,500 V_{DC} Isolation Between Channels and Backplane**
- **Short Circuit Protection**
- **Thermal Shutdown Protection**

Environment

- **Operating**   -10 ~ 60°C
  Temperature   (when mounted vertically)
- **Storage Temperature**   -40 ~ 70°C
- **Relative Humidity**   5 ~ 95% (non-condensing)

Ordering Information

- **APAX-5046**   24-ch Digital Output Module
- **APAX-5001**   1-slot Backplane Module
- **APAX-5002**   2-slot Backplane Module
- **APAX-5343E**   Power Supply for APAX Expansion Module

Specifications

General

- **Certification**   CE, FCC class A
- **Dimensions**   30 x 139 x 100 mm
  (W x H x D)
- **Enclosure**   ABS+PC
- **Weight**   165 g
- **Power Consumption**   2.5 W @ 24 V_{DC} (typical)
- **Status Display**   LED per channel
                            On: Logic level 1
                            Off: Logic level 0

Relay Output

- **Channels**   20 (Source Type)
- **Voltage Range**   10~35V_{DC}
- **Rated Current Output** 1A(per channel, at signal "1")
- **Leakage Current**   0.1 mA (at signal "0")
- **Switch Rate**   Resistive load : 300 Hz (max.)
                            Inductive load: 20 Hz (max.)
                            Lamp load: 200 Hz
                            (max., at 5W amp and under 50 Ω, 24V)

Protection

- **2,500 V_{DC} Isolation Between Channels and Backplane**
- **Short Circuit Protection**
- **Thermal Shutdown Protection**

Environment

- **Operating**   -10 ~ 60° C
  Temperature   (when mounted vertically)
- **Storage Temperature**   -40 ~ 70° C
- **Relative Humidity**   5 ~ 95% (non-condensing)

Ordering Information

- **APAX-5046SO**   20-ch Source-Type DO Module
- **APAX-5001**   1-slot Backplane Module
- **APAX-5002**   2-slot Backplane Module
- **APAX-5343E**   Power Supply for APAX Expansion Module

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