APAX-5046
APAX-5046SO

24-ch Digital Output Module

20-ch Source Type DO Module

APAX-5046

APAX-5046SO

Specifications

General

- **Certification** — CE, FCC class A
- **Dimensions (W x H x D)** — 30 x 139 x 100 mm
- **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 Temperature** — -10 ~ 60°C
  (when mounted vertically)
- **Storage Temperature** — -40 ~ 70°C
- **Relative Humidity** — 5 ~ 95% (non-condensing)

Ordering Information

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

Specifications

General

- **Certification** — CE, FCC class A
- **Dimensions (W x H x D)** — 30 x 139 x 100 mm
- **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 ~ 35 V_{DC}
- **Rated Current Output** — 1 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 amp and under 50 Ω, 24V)

Protection

- **2,500 V_{DC} isolation between channels and backplane**
- **Short Circuit Protection**
- **Thermal Shutdown Protection**

Environment

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

Ordering Information

- **APAX-5046SO** — 20-ch Source-Type DO Module