

# APAX-5046

# APAX-5046SO

## 24-ch Digital Output Module

## 20-ch Source Type DO Module



APAX-5046



### 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<sub>DC</sub> (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<sub>DC</sub>
- **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<sub>DC</sub> 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



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### 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<sub>DC</sub> (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<sub>DC</sub>
- **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<sub>DC</sub> 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