

D032

Isolated Digital Output Card



Features

- 32 isolated digital output channels with isolation to system and between channels
- Output load 60 VDC / 500 mA
- Outputs status monitoring
- Outputs reset upon power-on and on hardware reset
- 1500 VDC isolation
- Single-ended and differential load connection
- Extended operating temperature range from -40°C to $+85^{\circ}\text{C}$

Description

The D032 card is designed in MicroPC format for switching of 32 digital lines with loads up to 60 VDC @ 500 mA.

All lines are isolated from system and from each other.

On power-up and the hardware reset all outputs are switched off.

Output lines status monitoring is available (before opto-isolation).

The TB-34 series terminal boards and FC34 ribbon cables are used to connect to D032 card.

Technical Specifications

Output load

Output load voltage: up to 60 VDC
Output load current: up to 500 mA
On/off time: 1.5 ms max
Isolation from system
and between channels: 1500 VDC

Environmental

Operating temperature range
from -40°C to $+85^{\circ}\text{C}$
Humidity from 5% to 95% at $+25^{\circ}\text{C}$

Power requirements

Voltage: $+5\text{ V} \pm 5\%$,
Current consumption: 200 mA

Ordering Information

DIC11301 Versions

Device Type

DIC11301 D032, Isolated digital output card, 32 channels

Accessories

TIB96601
ACS00003

TB-34, terminal board, 34 contacts
FC34-60, ribbon cable, 34 threads, IDC connectors, 0.6 m (2 ft)

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