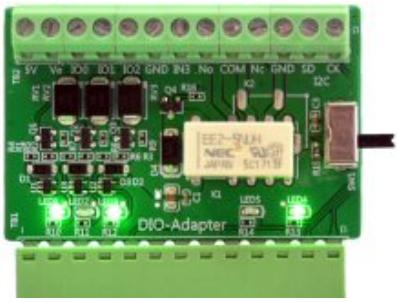
Model Information



Main Features

- Adapter Board for Baltos iR 5221 and 3220
- Converts Baltos' TTL contacts to Industrial levels
- 3 Connectors Input/Output
- 1 isolated Relay Normal Open/Close
- 1 Connector Input with integrated Switch

Contact Online...

DIO Extender

Quick Link: | Main Features | More Pictures | Overview | Bi-Directional | Switch Input | Relay Output | I²C | Power Requirements | Housing and Mounting | Environmental Data | Standards | Warranty | Ordering Information | Packaging |

More Pictures

Click on the thumbnails for the large picture ...

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Overview

The DIO Extender supports Baltos systems to perform GPIO functions on industrial connections. Baltos iR 3220 and 5221 provide TTL voltage signals, the DIO Extender controls up to 30V levels. There is even an isolated relay output to control AC main voltages.

Bi-Directional

Signals	3 x Input and Output
Vext	External Voltage 5 – 30V DC
Input High Level	3V – Vext
Input Low Level	0 – 1V
Output Current	1A

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Switch Input

Signal	1 x Input Clamp
High Level	3 – 5V
Low Level	0 – 1V
Switch	Connects a High Level to the Input Convenient Input without extra hardware

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Relay Output

Signals	COMmon, Normal Open, Normal Close
Voltage DC	0 – 30V
Voltage AC	0 – 250V
Current	1A

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I²C

Signals	SD and CK connected through from Baltos
Voltage Levels	0 – 3.3V

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Power Requirements

Internal Voltage	5V from Baltos
External Voltage	Vext 5 — 30V from external source

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Housing and Mounting

Weight	30 g
Dimension	50×13×38 mm³ (W×D×H)
Mounting	Fixed into Baltos' GPIO Terminal Block

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Environmental Data

Operating Temp	−20°C — 65°C
Storage Temp	−30°C - 85°C
Ambient Humidity	10-85% non-condensing

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Standards

Declarations	CE, FCC
Environment	RoHS

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Warranty

Warranty Period	2 years

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Ordering Information

6829	DIO Extender for Baltos

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Packaging

Packing list	DIO Extender

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DIO Extender

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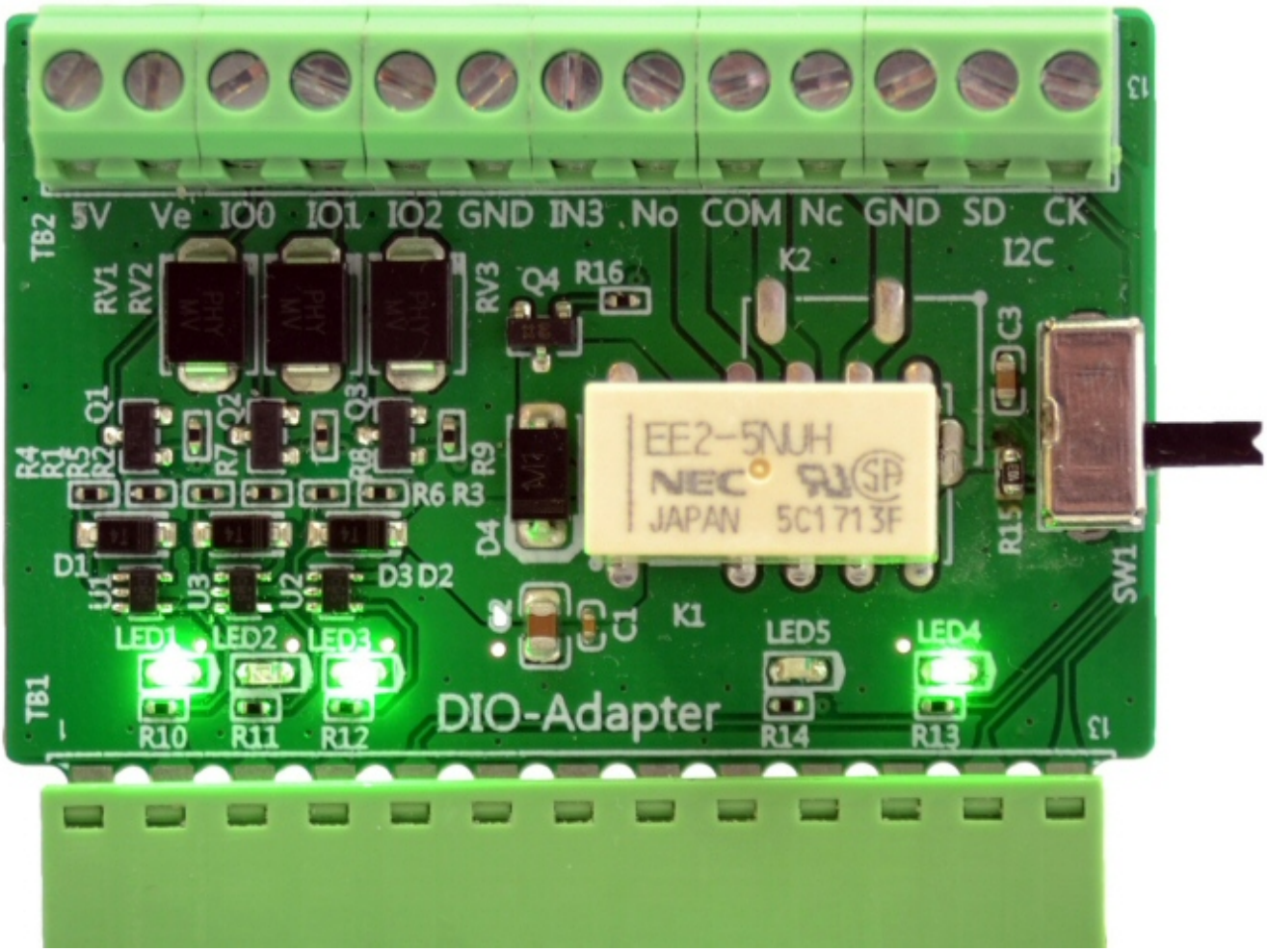

Mounted on Baltos

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(2018 May 09)