CASI® Interface Adapter

125 kHz Proximity

Connects HID readers to CASI Access Control Systems • 4033

HID

ACCESS reliability.

Application

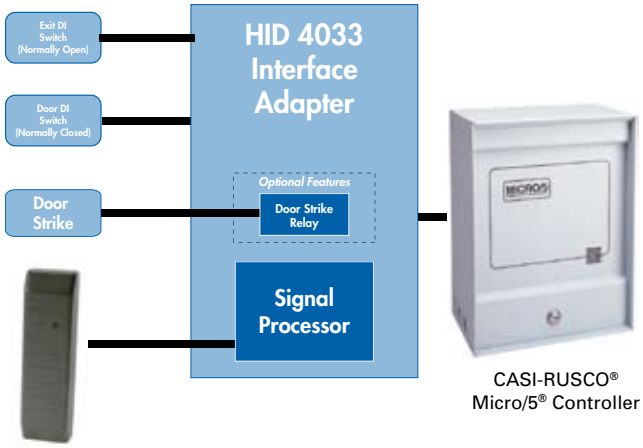
Allows HID readers to be economically installed on a CASI-RUSCO® system. Using one interface module per reader, up to sixteen HID proximity, Wiegand, magnetic stripe, or iCLASS readers may be connected to two CASI-RUSCO 8RP Interface Boards in any Micro/5® Control Panel.

The HID 4033 Adapter Module duplicates special functions provided by CASI-RUSCO systems, such as Request to Exit (REX), Door Monitor inputs, Door Strike output, and reader presence supervision.

Features

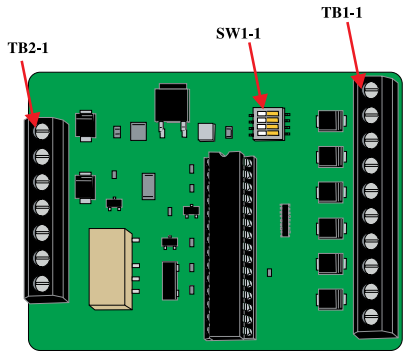
- Monitors Door Position and Request to Exit inputs.
- Compact unit mounts in standard dual-gang J-Box with coverplate.
- Supports the following formats:
  - HID 37-Bit
  - Standard 26-Bit
  - Casi-Rusco BCD Format
  - Casi-Rusco 3201 Format
  - HID Corporate 1000 Format
- Supports Reader Status supervision feature in new HID proximity readers.
- The HID 4033 Interface Adapter for CASI systems converts Wiegand card data into CASI-RUSCO F2F data.

Features



CASI-RUSCO®
Micro/5® Controller

HID 4033 Interface Adapter Board



Interface Wiring Connections

SW1	Signal
1	Unused
2	Unused
3	Unused
4	ON-Supervised OFF-Unsupervised

TB1	Signal
1	+DC Power
2	Ground
3	Exit DI Switch
4	Wiegand Data 1
5	Beeper Control
6	Red LED Control
7	Wiegand Data 0
8	Exit DI Common
9	Door DI Switch
10	Door DI Common

TB2	Signal
1	+DC Power
2	Ground
3	Door Strike DO
4	Reader Data 1
5	Door Strike Relay Normally Closed
6	Door Strike Relay Common
7	Door Strike Relay Normally Open

Specifications

Dimensions
2.25" x 3.0"(5.72 cm x 7.62 cm)

Power Requirements
12-18VDC
Reverse voltage protected
Linear supply recommended

Current Requirements
12VDC 100/mA

Operating Temperature
-22°F to 150°F (-30°C to 65°C)

Operating Humidity
5% to 95% relative humidity
non-condensing

Cable Distance
Reader to Micro 5 Panel - 500 feet (150m) total distance.

Cable Recommendations
From panel to interface, Alpha 1295 C, 22AWG 5-conductor.
From interface to reader, Alpha 1296C, 22AWG 6-conductor.
For REX and Door Monitor inputs, use 22AWG 2-conductor cable. For Door Strike output, use 18AWG 2-conductor cable.
All cables stranded with overall shield.

UL Rating: UL 294

Part Numbers
Base Part Number: 4033

Specifications subject to change without notice. (Please see "How to Order" guide for a description of the options and associated part numbers).

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MKT-CASIADAPTER_DS_EN

ACCESS experience.

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