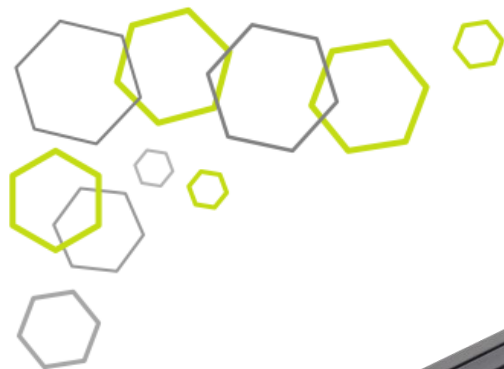




RA0002

Digital I/O Interface Unit

Features

- 4 input - 4 output – 1 relay SPDT
- 9Vdc to 36Vdc Supply Voltage Range
- DB 15 serial interface
- Push in pcb terminals
- Safety output current

General Info

The CAEN RFID RA0002 Digital I/O Interface Unit provides an easily accessible interface to the CAEN RFID readers' digital inputs and outputs in order to connect external devices such as motion sensors, lightstacks and audible alarms.

The RA0002 KIT includes a dedicated cable for the Ion reader (R4301P)

Technical Specifications Table

Function	Digital I/O interface unit
Reader Connector	DB15 (Connection to Ion R4301P Reader)
Terminals	Push in pcb terminals
Supply Voltage Range	9 Vdc ÷ 36 Vdc , 24 Vdc (Typ)
Input Terminal Ratings	5 Vdc ÷ 48 Vdc
Input Resistance for GPIs	3 kOhm(Typ)
Output Terminal Ratings	0 ÷ 500 mA overall for all external loads
Output Breakdown Voltage	60 Vdc
Input/Output Isolation	750Vrms
Relay Nominal	5A , 240 VAC
Relay Max Switching Voltage	400 VAC
Relay Expected Life, Mechanical	15×10 ⁶ cycles
Relay Expected Life, Electrical	1×10 ⁴ cycles (at 5A, 250 VAC , 6 cycles/min)
Safety Output Current	- Multifuse Polyswitch RKEF075
User Interface	Green LED: power Yellow LED: selected GPI/O information
IP Rating	IP30
Operating Temperature	-20 °C to +60 °C
Humidity	5 to 95% (on-condensing)
Dimensions	(W)100,5 x (L)131 x (H)34,4 mm ³
Weight	200 g

Ordering Options

Code	Description
WRA0002XKITA	RA0002 –Digital I/O Interface Unit and DB15 cable (1.8m)



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