

ADATIS



DOORCONTROLLER DC2

Description

- Connects to any Nessum Wire (IEEE1901) bus, e.g. as provided by the 2Wire Converter
- Powered from the Nessum Wire bus, no separate power supply required; power supply via the Nessum interface is indicated by LED; 2-wire cabling is polarity-free
- Up to 100 devices can be supported on a single Nessum wire bus (actual number of devices depends on power drawn from the 12VDC output)
- 2 relays form C: normally open/close and common; 0.6 A at 125 VAC, 2 A at 30 VDC; relay operation is signaled by LEDs
- Relays can be used for opening door locks or operating motor locks
- 2 trigger inputs, biased high: pull to ground for trigger; trigger input operation is signaled by LEDs
- Trigger input can be used for door opener function, door status indication or external sensors
- Serial interface RS485 half-duplex, e.g. for connection of card readers
- 12VDC, 1.5A max. power output for powering external devices
- Housing fits inside a standard German flush mount box, e.g. behind a switch
- API provided for operation via Ethernet or from other devices on the 2Wire bus

RS485, Relays, Inputs and Power over 2Wire

via any pair of (voltage-free) wires

Specifications

2-WIRE Interface

- Data transfer speed: max. 100 Mbit/s
- Distance: max. 1000 m
- Pluggable terminal block (KNX-style) for daisy chaining of 2Wire bus
- Privacy push button on the bottom for security

Interfaces

- 2x relay form C: 0.6 A at 125 VAC, 2 A at 30 VDC
- 2x trigger inputs, biased high
- RS485 half duplex
- 12VDC 1.5A max. power output

LED Indicators

- Nessum Wire Link/Activity
- 2x relay operation
- 2x trigger status
- 12VDC power fault

Environmental Conditions

- Temperature Range: -20°C ~ +50°C
- Humidity: 5% ~ 95%, non-condensing

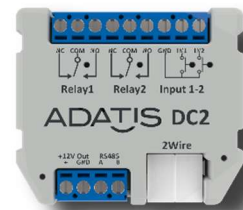
Compliance

- Nessum Wire (IEEE1901)
- CE compliant
- EN55022, EN61000-3-2, EN61000-3-3, EN55024

Ordering

PRODUCT TYPE	ORDER CODE
DoorController DC2	2WDC2

DOOR CONTROLLER



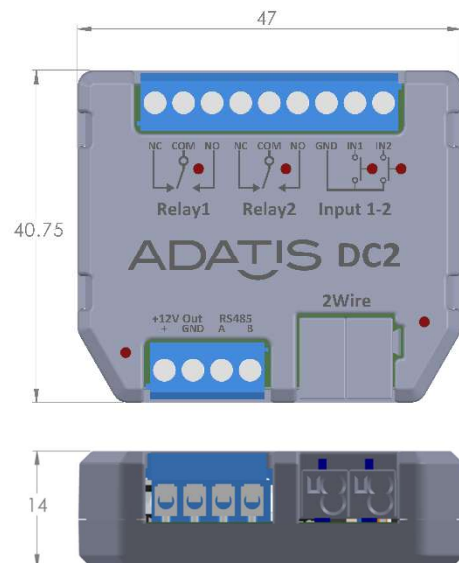
up to 100 DC2 units



2Wire Converter
PD Box



PoE-Switch



ADATIS

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