



IDT 2A

Door controller for up to two access control readers and/or keypads

The IDT 2A Door Controller is a microprocessor-controlled unit where all access control readers and external contacts are connected. It receives and processes the data sent to it locally and then reacts accordingly. If the IDT 2A is installed as a network component, it handles the communication to the PC or to the network itself.

The IDT 2A can control up to 2 doors each with one reader or 1 door, with two readers, one for entry and one for exit. It can handle up to 8,000 employee records and up to 8,000 offline event transactions split over up to 128 zones or access levels. Modems, such as ISDN, analogue or X31 can very easily be integrated.

The IDT 2A also offers primary network capabilities. Units can be connected together using the integrated RS485 interface and with an optional plug-in card, SmartCOMi, connection is also possible to an Ethernet network.

Features

- Handles up to 8,000 employee records
- Transaction memory for approx. 8,000 offline events
- Automatic management of 128 zones (Access levels)
- Automatic zoning for timed relay control
- 80C420 high-speed micro-processor with 512 Kb Flash memory and 512 Kb RAM
- Downloadable operating system with online and offline capabilities
- Connections for two readers and keypads
- Handles some 40 different reader technologies / manufacturers
- 230 VAC power unit
 - external load 12 VDC, 1.5 A, 1 battery without low discharge protection, or
 - external load 12 VDC, 1.65 A, 2 batteries with low discharge protection
- Integrated RS232 interface for terminal-mode programming and diagnostics
- Integrated RS232 & RS485 for PC communication plus Transistor Host interface
- Integrated quartz clock with 7 day memory, automatic clock changes
- 5 Relay outputs
- 2 differential inputs for alarm monitoring acc. VdS
- 3 Tamper inputs
- Reader monitoring
- 4 door status inputs
- Acoustic and visual fault display
- Optional Ethernet interface

I251-000.01

IDT 2A Controller for up to two readers

- Power supply with connection for one 7.2 Ah battery, without low discharge protection

I252-000.01

IDT 2A Controller for up to two readers

- VdS approved power supply for up to two 7.2 Ah batteries, with low discharge protection

Technical Data**Power supply**

I251-000.01: 230 VAC / 15 V DC

I252-000.01: 230 VAC / 12 V DC

Power consumption (min./max.)

I251-000.01: 9 VA / 40 VA

I252-000.01: 12 VA / 40 VA

Power output (external user)

I251-000.01: 12 V 1.5 A / 5 V 0.8 A

I252-000.01: 12 V 1.5 A

Battery connection

I251-000.01: 1 x 7.2 Ah 12 V (no low discharge monitoring)

I252-000.01: 2 x 7.2 Ah 12 V (with low discharge monitoring)

Ambient temperature

+5 - +50° C

Relative humidity**(w/o condensation)**

max. 98%

Weight

approx. 3 kg

Protection class

IP30

Housing

Sheet metal

Colour

Light grey RAL 7035

Dimensions (W x H x D)

360 mm x 405 mm x 90 mm

Accessories

F605-000.01	10 MBit Ethernet interface (encrypted mode)
Z090-060.01	Screw terminal blocks (pack of 10, 90° angle)
Z090-070.01	Screw terminal blocks (pack of 10)
Z070-010.01	Power back-up battery
F620-000.01	Analogue modem card
F621-000.01	ISDN modem card

**Atermon Systems S.A.**224 Messogion Avenue,
GR 15561 Holargos,
Athens, Greece

Tel. : (+30) 210 6544534

(+30) 210 6549864

Fax : (+30) 210 6561380

www.atermon.gr

Email : info@atermon.gr