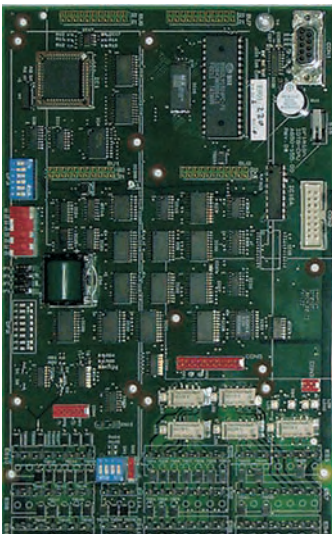


IDT 8

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



The IDT 8 Door Controller is a modular, expandable, 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 8 is installed as a network component, it handles the communication to the PC or to the network itself.

In its standard configuration, the IDT 8 can control 2 doors and is expandable up to 8 doors. It can handle up to 200,000 employee records and up to 200,000 offline event transactions split over up to 128 zones or access levels. Modems, such as ISDN, analogue or X31 can very easily be integrated.

Because of its modular design, you can build in many different plug-in cards that can be used to control inputs and outputs or to connect DT100 Time recording terminals. These can be used in addition to or instead of the standard access functions, which offers considerable user benefit in comparison to some other, less flexible systems. This also represents a significant cost saving if your application calls for both Access control and Time recording.

The IDT 8 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, expandable to 200,000
- Transaction memory for approx. 8,000 offline events, expandable to 200,000
- Automatic management of 128 zones (Access levels)
- Automatic zoning for timed relay control
- DS89C420 high-speed micro-processor with 512 Kb Flash memory and 512 Kb RAM (expandable to 8 MB)
- Downloadable operating system with online and offline capabilities
- Connections for two readers and keypads, expandable to 8
- 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
- Two plug-in positions for expansion cards for T&A, access control, I/O, etc
- 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

I651-000.01

IDT 8 Controller for up to eight readers

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

I652-000.01

IDT 8 Controller for up to eight readers

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

Technical Data**Power supply**

I651-000.01: 230 VAC / 15 V DC

I652-000.01: 230 VAC / 12 V DC

Power consumption (min./max.)

I651-000.01: 9 VA / 40 VA

I652-000.01: 12 VA / 40 VA

Power output (external user)

I651-000.01: 12 V 1.5 A / 5 V 0.8 A

I652-000.01: 12 V 1.5 A

Battery connection

I651-000.01: 1 x 7.2 Ah 12 V (no low discharge monitoring)

I652-000.01: 2 x 7.2 Ah 12 V (with low discharge monitoring)

+5 - +50° C

Ambient temperature**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)** 360mm x 405mm x 90mm**Expansions**

I600-103.01	Memory expansion up to 22.000 employee records (30.000 offline events)
I600-104.01	Memory expansion up to 32.000 employee records (50.000 offline events)
I600-201.01	Expansion card for the connection of one DT100
I600-202.01	Expansion card for the connection of two DT100s
I600-204.01	Expansion card with one RS 485 / RS 232 interface
I600-206.01	Expansion card for two reader/two doors
I600-211.01	Expansion card for four reader/four doors
I600-207.01	8-way I/O card with 8 relay outputs and 8 opto-coupler inputs
I600-208.01	24-way opto-coupler input card
I600-209.01	64-way relay output card
I600-210.01	12-way monitored line card

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

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