SIEMENS

Multifunctional operating panel

BF

DT1000 / DT1000Web

- **Comfortable operation with touch screen and freely programmable highquality keys**
- **Quick visual event survey due to a standardized display of the different types of danger**
- **Easy operation by using icons in accordance with plausibility principles**
- **Ergonomically designed and usability testet**
- **Secure operation due to buttons in different colors according to the respective event**
- **Topology display with direct operation**
- **4 serial ports for multisystem functionality**
- **WEB functionality with display and operation**
- **Mobility and flexibility due to quick availability via LAN almost anywhere**
- **User interface in accordance with EN54 / danger detection system**

Building Technologies

Fire Safety & Security Products

Application range

- Danger detection systems
- Fire Detection and Fire Alarm Systems
- Holdup and intrusion alarm systems
- Alarm transmitters

Connection to control and indicating equipment and systems

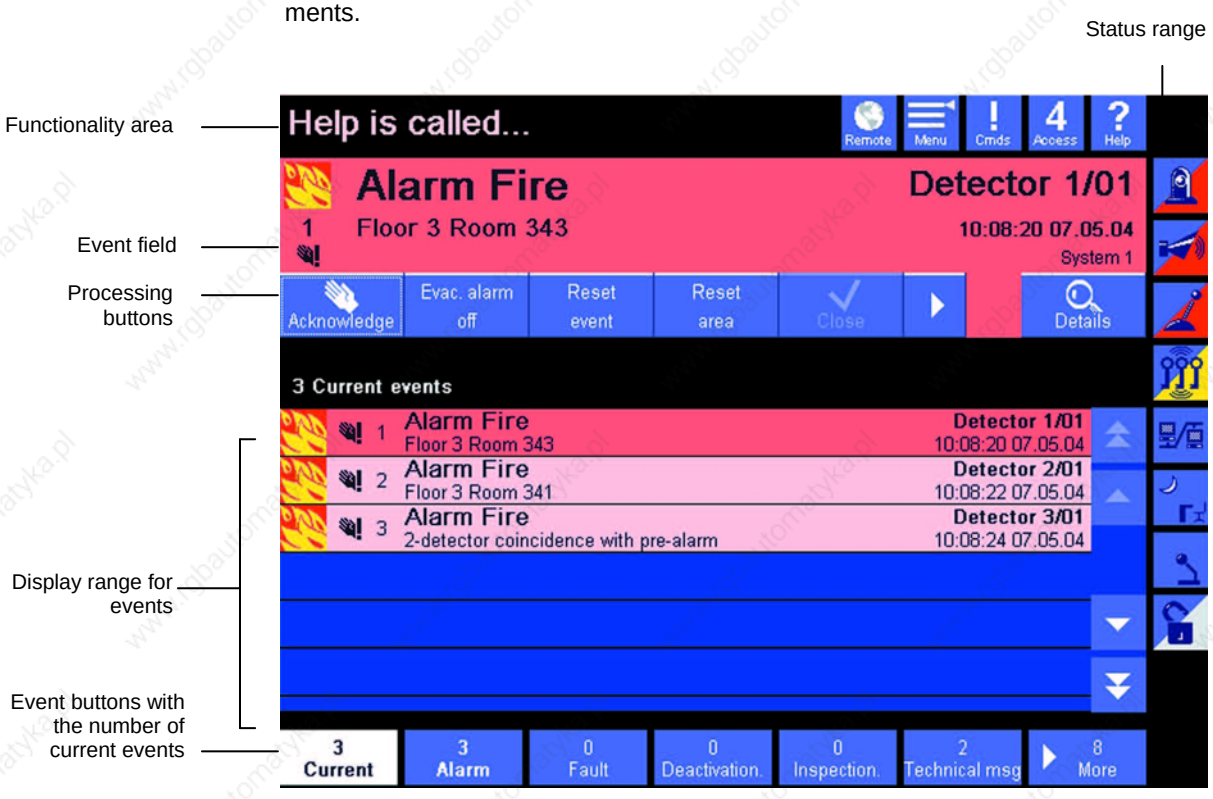
- D100 / SIGMASYS C, M, L
- Transliner Ringbus control units CIC1000 / CIC20xx / CIC3000

Overview

Trendsetting operating technology in accordance with user requirements.
DT1000 and DT1000Web are ergonomically designed operating panels to monitor and control all types of danger detection systems, such as Fire Detection and Fire Alarm Systems, intrusion and holdup alarm systems, alarm transmitters etc. In addition, the DT1000Web offers the possibility of remote controlling the operating panel via a Web interface.

The development of the system was primarily determined by the user's view and his requirement for clear information and easy operation. Comprehensive usability tests were carried out the results of which were constantly integrated and decisively determined the development process.

The large high contrast 10.4“ TFT display is the essential part from the user's point of view. It indicates the different events (alarm, fault etc.) – sorted in detail by type and cause – on a clear, intuitive user interface and accepts commands by simply touching the screen (touch screen). The 10 freely programmable function keys can be assigned with commands or command sequences (macros) according to the user's requirements.



Display and operating screen

The operating panel

The operating panel DT1000Web offers a structured and context sensitive operation in accordance with plausibility principles. That means that the user sees only those buttons relevant for the selected event. This method increases the clearness of the screen and prevents erroneous operation. The arrangement of the operating modules was defined in virtue of ergonomical aspects and in cooperation with users

Operating hierarchy and rights

In addition to the valid standard, there are different access levels available at the operating panel DT1000. The DT1000Web offers also the possibility to manage up to 20 different PINs for remote operation. As a consequence, several operators can be assigned different access rights within the access levels.

The operation

The respective buttons to process events are automatically indicated on the screen. Incoming messages are listed in the display range and can be processed immediately. A general display of the events, sorted by categories, can be called at any time.

The operator can freely assign the separate special function keys with commands such as event relevant releases, display test etc. which can be called arbitrarily. Furthermore, he can also program complete command sequences whereas each of the 10 keys can be parameterized with one command sequence. Thus, only one keypress is necessary to activate up to 20 single commands.

Intrusion event

Technical message

Topology display

Web remote control

Using the Web remote control via the user's communication network, the display interface of the operating panel cannot only be shown simultaneously and likewise on any Microsoft Windows™-PC (NT4.0, 2000, XP), but it can also be remotely controlled. In this procedure, the DT1000Web works as a Web Server and the Windows™-PC as a Web Client. The communication between Server and Client is carried out with any commercial PC via the Internet (TCP/IP) Protocol, the worldwide standard in digital PC-based information transmission.

The display on the Client consists of all interface elements which are also shown on the DT1000. The operation of the interface elements (buttons) is now carried out using the mouse and/or the key board of the Client PC.

„Dynamic“-operating panel

The portable DT1000 enables remote control units to be operated by simply connecting to the D100 control and indicating equipment.

A DT1000 can be connected to any S-node and – if access is granted – operation can be taken over.

WEB connection

Topology display with direct operation

The system structure provided with customer-specific text allows for a targeted operation. This method enables a quick selection of the target address for command entries. The 'topology' display function indicates the parameterized systems resp. those connected to the operating panel in a tree structure.
It consists of an arbitrary number of hierarchy levels which in turn can list an arbitrary number of elements. Each element can be selected and is addressable with a direct command entry.

Multi-system functionality

With the offered multi-system resp. concentrator functionality, there are up to 4 independent fire, intrusion and danger alarm systems which can be connected to the operating panel. Mixed operation of D100, SIGMASYS and Transliner systems is also possible. This enables a uniform operation of different danger detection systems by using a consistent user interface.

Logbook

All incoming events and executed operating activities are available in the 'non-volatile' logbook memory, even after a possible interruption of the power supply.

Standard and Guidelines

The relevant standards and guidelines such as EN/DIN/VdS are fulfilled .e.g. EN54-2....

Technical Data

Power supply	DC 22 V … 29,5 V, max. 13 W
Permitted ambient temperature	-5 °C … +40 °C
Environment class (VdS 2110)	Klasse 1
Protection class	IP30
Dimensions (L x H x T) in mm	424 x 200 x 64
Display	10,4“ TFT color display with 640 x 480 pixels
Gewicht	3,8 kg
4x serial ports: - 2 x V.24 - 2 x TTY	9-poles Sub-D pin connector each
Ancillary for DT1000Web	LAN-port 10 MBit (10BaseT)

Order specifications

Designation	Order number	Notes
GMA-BFDT1000	L24236-P38-A5	D100-/SIGMASYS-connection incl. Web-functionality (Version Germany)
GMA-BFDT1000	L24236-P38-Z5	D100-/SIGMASYS- connection incl. Web-functionality (Version Austria)
Operating panel housing	S24230-C119-A2	For wall or desk mounting
Desk pivoting	C24230-A18-A2	Pivoting operating panel housing for installation in a desk cutout
GMA-BFDT1000	L24236-P38-B5	D100-/SIGMASYS- connection incl. Web-functionality (English Version)

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