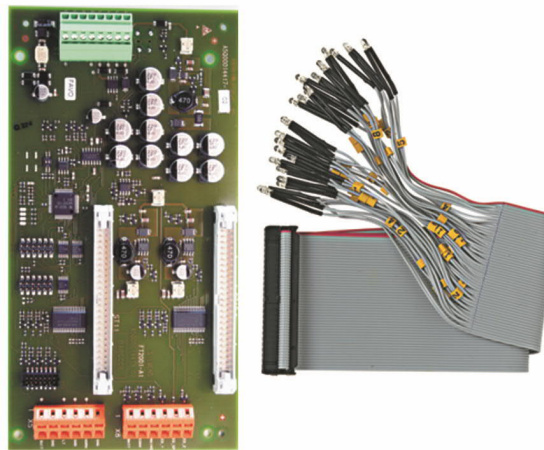


Sinteso™ / Cerberus™ PRO

Mimic display driver, LED ribbon cable

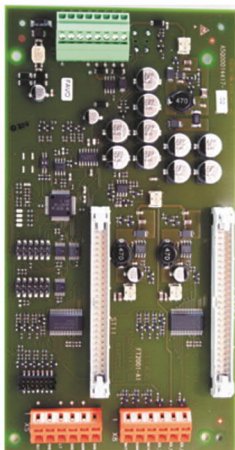
FT2001-A1, F50F410



FDnet/C-NET mimic display driver and LED ribbon cable for the fire detection systems Sinteso™ FS20 and Cerberus™ PRO FS720.

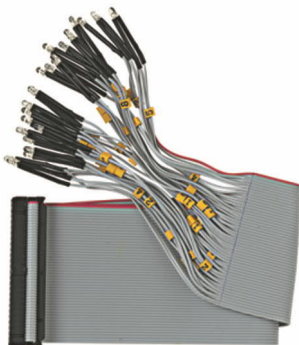
- Mimic display driver for a total of 48 LED indicators (without housing)
- 2 LED ribbon cables F50F410 with 24 red LEDs can be connected
- 2 control outputs for local buzzer and LED operating status display
- 2 inputs for the 'Silence buzzer' and 'LED test' function buttons
- Mimic display driver can be connected via FDnet/C-NET
- Installation in customer housing

FT2001 mimic display driver



- Can be connected via FDnet/C-NET
- Power supply via FDnet/C-NET
- Outputs are freely programmable
- 2x 24 outputs for controlling LEDs on mimic displays
- 3 outputs for expanded periphery
- 2 control outputs for local buzzer and LED operating status display
- 2 inputs for the 'Silence buzzer' and 'LED test' function buttons
- Integrated line separator
- External, electrically isolated AC/DC supply possible
- MC link connection socket for firmware update

F50F410 LED ribbon cable*

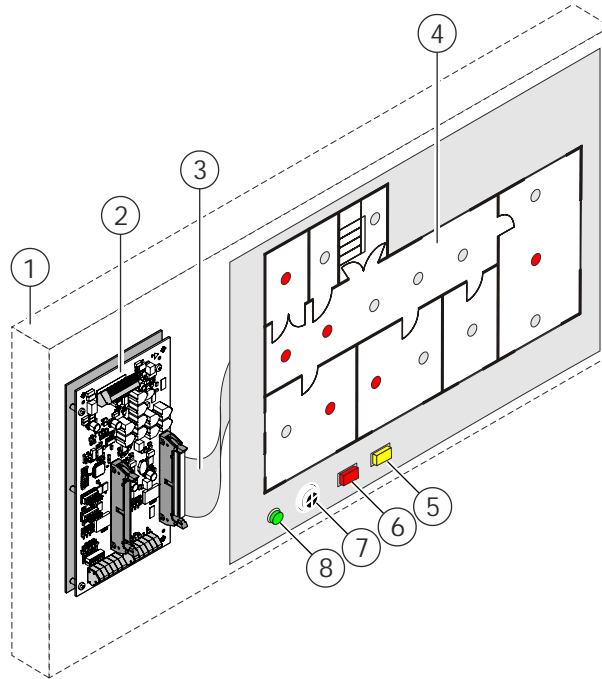


- For connection to the mimic display driver FT2001-A1
 - 50-pin
 - 24 red LEDs
 - 1 m long
- * must be ordered separately

Use

The mimic display driver FT2001 is mounted on a carrier plate and is designed for installation in any customer housing. The LED ribbon cable F50F140 allows the LEDs to be connected to the mimic display driver and for the LEDs to be positioned anywhere on the front panel in accordance with the building plan.

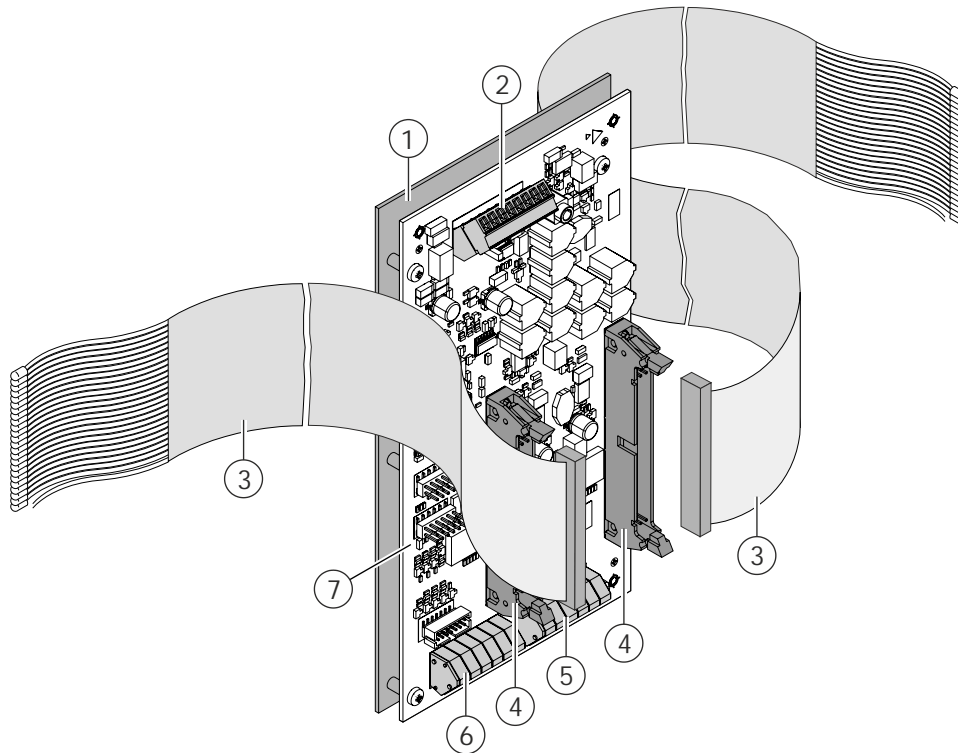
Example of use



| | |
|---|---------------------------------|
| 1 | Customer housing |
| 2 | Mimic display driver FT2001-A1 |
| 3 | LED ribbon cable F50F410 |
| 4 | Customer mimic display |
| 5 | 'LED test' button |
| 6 | 'Silence buzzer' button |
| 7 | Local buzzer |
| 8 | LED indicator: Operating status |

Setup

Mimic display driver FT2001



| | |
|---|---|
| 1 | Mounting plate with mounting holes and spacer bolts |
| 2 | Connection for FDnet/C-NET and separate supply |
| 3 | LED ribbon cable 'F50F410', 50-pin with 24 red LEDs, 1 m |
| 4 | Connector for the connection of 2 x LED ribbon cables F50F410 |
| 5 | Connection terminal for supply and operating status LED |
| 6 | Connection terminal for expanded periphery |
| 7 | Mimic display driver FT2001-A1 |

Details for ordering

| Type | Designation | Weight | Order number |
|-----------|---|----------|----------------|
| FT2001-A1 | Mimic display driver | 0.232 kg | A5Q00014417 |
| F50F140 | Ribbon cable for mimic display driver FT2001-A1 | 0.108 kg | BPZ 5291410001 |

Product documentation

| Document ID | Title |
|-------------|---|
| 008836 | FS20 Fire Detection System - System Description |
| 008837 | FS20 Fire detection system - Product Data |
| 008838 | Operation Manual Fire control panel / Fire terminal FC20xx / FT2040 |
| 008843 | FS20 Fire detection system - Planning |
| 009052 | FS20 Fire detection system - Commissioning, Maintenance, Troubleshooting |
| 009078 | FS20 Fire detection system - Configuration |
| A6V10210355 | FS720 Fire detection system - System Description |
| A6V10210362 | FS720 Fire detection system - Planning |
| A6V10210368 | FS720 Fire detection system - Product Data |
| A6V10210416 | FS720 Fire detection system - Commissioning, Maintenance, Troubleshooting |
| A6V10210424 | FS720 Fire detection system - Configuration |
| A6V10211076 | Operation Manual Fire control panel / Fire terminal FC72x / FT724 |

Related documents such as environmental declarations, CE declarations, etc., can be downloaded at the following Internet address:

<https://siemens.com/bt/download>

Notes

Disposal




The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.

- Dispose of the device through channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.

| FT2001-A1 | |
|---|--|
| FDnet/C-NET | |
| Operating voltage | DC 16...33 V |
| Max. operating current | 45 mA |
| Max. quiescent current | 5 mA |
| Max. capacitive load to ground | C = 500 nF |
| Max. capacitive load to ground with external supply | C = 100 nF |
| Supply | |
| External supply input | |
| • DC | 14...32 V, electrically isolated, EN54-4 conformity not required |
| • AC | 11...22 V, electrically isolated, EN54-4 conformity not required |
| Key figures | |
| Address connection factor | AK = 1 |
| Quiescent current connection factor | RK = 16 |
| Maximum current connection factor: | |
| • Without external supply: | |
| – With 24 LEDs | MK = 52...80 |
| – With 36 LEDs | MK = 68...130 |
| – With 48 LEDs | MK = 80...165 |
| • With external supply | MK = max. 16 |
| Outputs | |
| Operation LED (X8; 'LED_1') | |
| • Max. output current | 2.5 mA constant at U _{sys} (12 ... 32 V) |
| Driver outputs (X11/X12) | |
| • Max. output current with LED operation | 2.5 mA and DC 2.5 V |
| Buzzer (X5/5.6) | |
| • Max. output current | 5 mA and DC 12 V |
| Connections | |
| LED signal outputs | Plug-type connection with flat-ribbon cable |
| Connection terminal | 0.08...1.5 mm ² |
| Ambient conditions | |
| Operating temperature | 0...40 °C |
| Storage temperature | -20...+60 °C |
| Air humidity | ≤95 % rel. |

| FT2001-A1 | |
|--|---|
| Mechanical data | |
| Dimensions (W x H x D) | 106 x 200 x 45 mm |
| Min. protection category (IEC 60529) of the housing (provided by the customer) | IP30 |
| Standards and approvals | |
| Standards | EN 54-17, EN 54-18 |
| Approvals: | |
| • VdS | G208044 |
| • LPCB | 126bp/01 |
| • DNV GL (marine) | Sinteso™: See document A6V10400920 Cerberus™ PRO: See document A6V10339425 |

| | | |
|---|------------------|---|
| 08  0786 | FT2001-A1 | Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. 008837, A6V10210368 |
| FT2001 - Input/output device incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings. | | |
| 305/2011/EU (CPR): EN 54-17 / EN 54-18 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581 | | |
| The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or https://siemens.com/bt/download | | |
| DoP No.: 0786-CPR-20378; DoC No.: CED-FT2001 | | |

Mimic display driver FT2001-A1

