

FEATURES

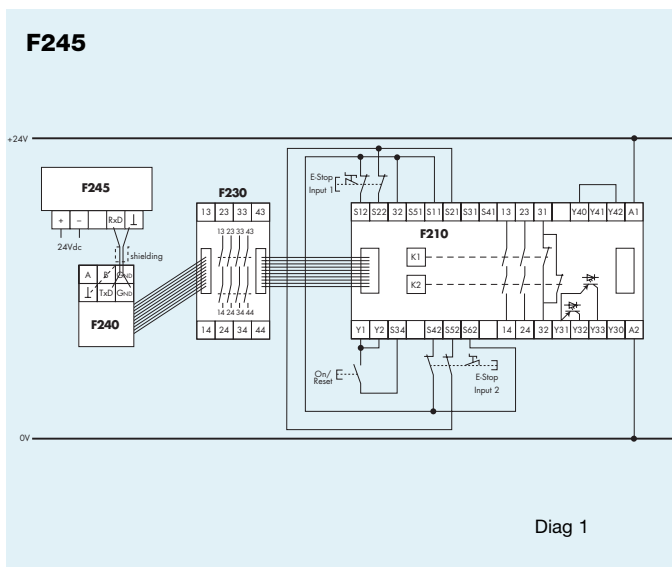
- Displays system information, status and alarm messages
- Menu selection via 3 pushbuttons
- Storage of last e-stop
- Backlit 4-line alphanumeric LCD display
- RS232 interface

DESCRIPTION

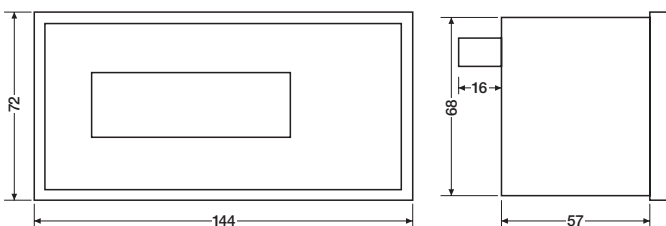
The F245 display module provides indication of the operating condition and function of the F200 safety system.

The unit features a 4-line backlit alphanumeric display, with 3 function switches for menu selection and scrolling of display. The unit is interfaced to the safety system via the F240 communication module equipped with RS232 communication.

TYPICAL SCHEMATIC DIAGRAM



DIMENSIONS



Weight 0.4Kg

Model F245



MODE OF OPERATION

The menus are selected using the '+' and '-' keys. The '←' switch is used to return to the system menu.

In the event of an e-stop or fault occurrence, an error message is displayed, and saved even when power is removed.

Menus are as follows (**Bold** = fixed text; *italic* = function dependent text):

System Menu

- *Manual/Auto* **Reset**
- **Output** *active/ de-activated*
- *Monitoring active/device ready*
- **EDM** *active/deactivated*

Input Configuration

- **Input Module 4**
- *F220 Emergency off*
- **Input 1** : 2 channel
- **Input 2** : 1 channel

Fault/Error Messages

- **Input Module 4**
- **Input 2 causes interrupt**
- *Safety Mat or Cross Fault causes interrupt*
- *Transmission fault*
- *Fault EDM loop*
- *Fault Y40 loop*
- *Malfunction*
- **Output** *active/inactive*

SPECIFICATIONS

| | |
|-----------------------|--|
| Nominal Voltage (Vn) | 24V dc |
| Burden | ± 1W |
| Display | 4-line 20 character backlit (off after 5 min non-use) |
| Digit Height | 5mm |
| Input | RS232 |
| Operating Temperature | -10°C . . . +55°C |
| Termination | 2.5mm ² |

Information Required With Order

- Model type
- Auxiliary supply

*Example: Display Module Type F245
Auxiliary Supply 24V dc.*

DATA SHEET RI13140