



G017064

Fire Alarm Cabinet

Distributed Cabinet

Part no. 5100860-00A

System: TERRA FIRE

General Description

The Distributed Cabinet is designed for fire alarm systems in large industrial buildings, public buildings, and hospitals. This compact and light wall-mounted cabinet is supplied without panel, and is intended to expand the fire alarm system with distributed modules. The cabinet has two rows of DIN rails for terminals and extension modules. The cabinet is approved according to CPR.

Features

- Two main DIN-rails with 2×380 mm space for terminals and modules
- Space for 2×28 Ah batteries at bottom of cabinet
- Ready for left side mounting of the outer door
- Ready for mounting of an inner door (for use as switchboard panel)
- 28 mm ventilation holes in back plate and 7 mm distances to wall, to ensure proper ventilation for modules
- Possibility to use regular window air inlet filters, size 400×30 mm, if needed in dust areas (insertion below the modules)
- 4×M8 mounting points and one centred keyhole for easy mounting
- FL21 multigate plastic gland plate for cable inlet at the top of the cabinet
- Swedish standard fire key lock (SS3654)

For details on assembling a system and definitions of common system terms, refer to the Installation Manual.

Included in cabinet

Two Swedish standard SS3654 keys

Accessories

5100861-00A External Door with transparent window

PNR-001904 Hinge A special (inner door lower, left side)

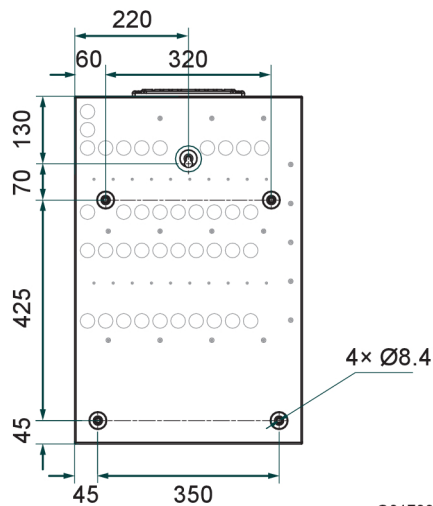
PNR-001905 Hinge B special (inner door upper, left side)

Data

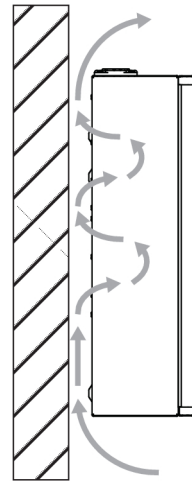
Max ambient temperature	25 °C
Material	Alu-zinc coated steel Aluminium door profiles Plastic door caps
Colour	RAL7035
Weight	12.2 kg ± 5%
Dimensions (H × W × D)	670 × 440 × 216 mm Internal depth: 167 mm
DIN rail for assembly	2×380 mm
Internal ventilation	28 mm ventilation holes in the back. The cabinet is distanced 7 mm from wall to ensure air flow.
Ingress protection	IP30
Certified according to	CE 251-CPR-232.1686 DOP no. 6301900

Mounting

The cabinet has a centre keyhole for fixing of a centre screw on the wall. Hang the cabinet straight (use a water pass) and mark the centre of the other 4 holes. Prepare the holes and hang back the cabinet on the centre screw. Secure the cabinet with 4 screws.



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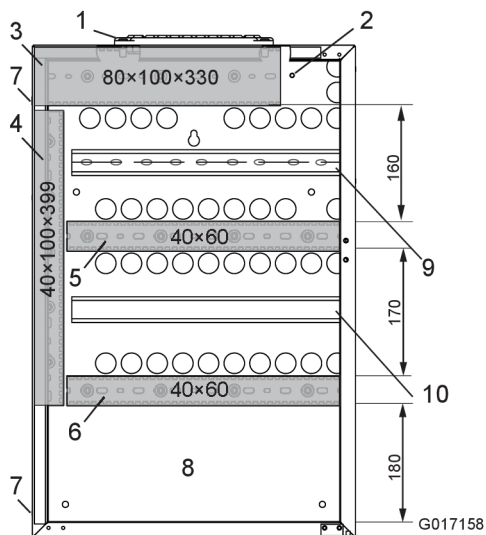


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Ensure there is enough clearance for cable inlets on top.

Ensure free airflow for the ventilation. The cabinet is distanced 7 mm from the wall.

Inside layout



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1. Cable flange
2. Earth screw
3. Cable channel 80 × 100 mm, L=330 mm
4. Cable channel 40 × 100 mm, L=399 mm
5. Cable channel 40 × 60 mm
6. Cable channel 40 × 60 mm
7. Welded screws, prepared for attachment of hinges to an inner door
8. Inner space for 2 × 12 V/28 Ah batteries (H × W × D: 180 × 438 × 167 mm).
9. Recommended space for mounting a PSU (turn it upside down 180 degrees).
10. Recommended space for mounting a second PSU (turn it upside down 180 degrees).

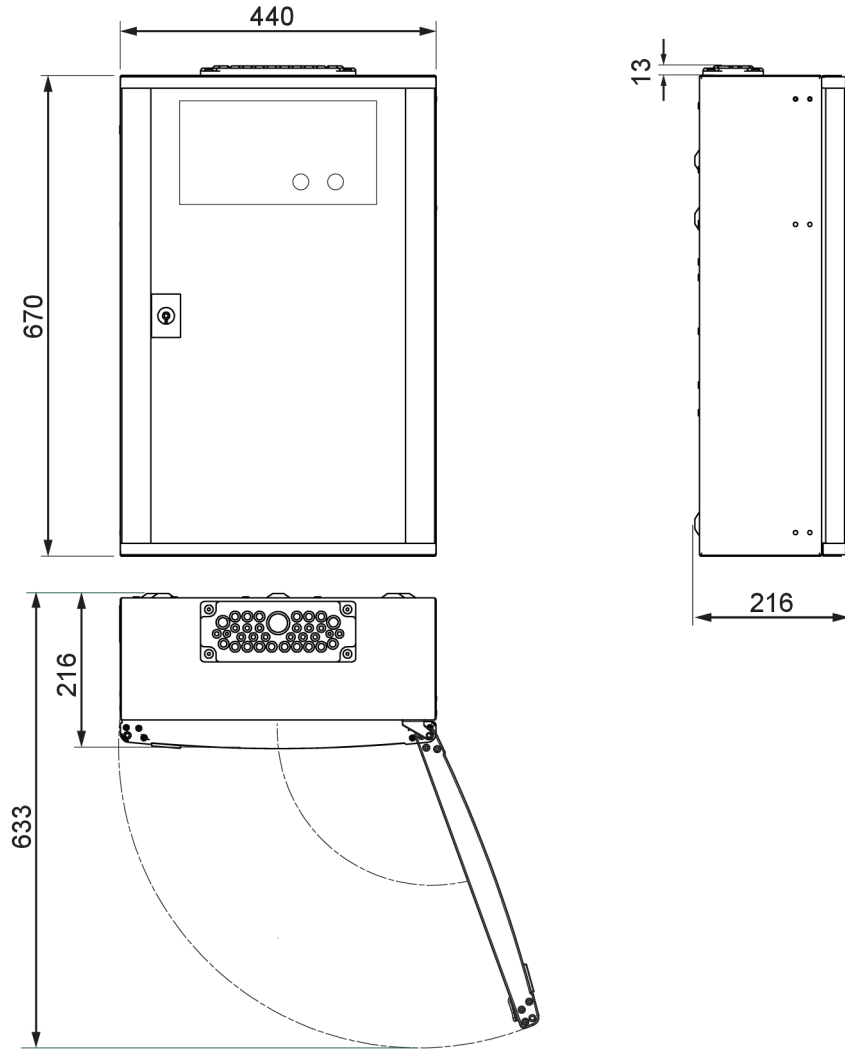


NOTE!

When PSU (5100087-02A) is used, it is recommended to mount the PSU at the upper DIN rail and flush to the right cabinet wall. Mounted here the PSU will get additional ventilation. If two PSU are used, place the second PSU below flush the cabinet wall.

It is also recommended to mount a PSU upside down (180 degrees), so the 230 V AC terminals will be on the top.

Dimensions (mm)



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