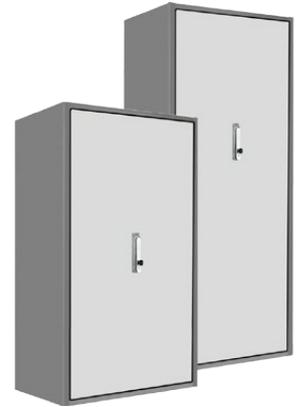


# Fire Protection Housing F30

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- **Fire resistance F30, certified in accordance with DIN 4102-2**
- **Functional integrity of over 30 minutes, in accordance with DIN 4102-12**
- **Fire load insulation of over 30 minutes in accordance with DIN 4102-11**
- **Flexible mounting-rail system for – IQ8Control, Compact and FlexES Control FACP**
- **Silent ventilation system**
- **Push rod fastener with 2-point interlock**
- **Cable chute for bundle inlet on the top and under the bottom**



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## Requirements under building law

With the MLAR's introduction in 2005, tightened requirements were made on the functional integrity of electrical circuit systems in the case of fire. In the meantime it has now been introduced under building law in all German Federal States, is valid for buildings of any kind and is to be applied during the planning, building, changing and maintaining of constructional units. Fire alarm systems, including their respective transmission systems, fall under the definition of electrical circuit systems which - according to the MLAR - have to fulfill a functional integrity of at least 30 minutes in the case of fire. Deviating from that, the MLAR allows for some restrictions in the case of which the functional integrity is not required: Thus, for example, in the case of circuit systems in rooms which are monitored by automatic fire detectors as well as in the case of circuit systems in rooms without automatic fire detectors, if all the detectors connected to this circuit system in these rooms stay fully functioning even during a short circuit or circuit interruption due to fire damage. For the fire alarm control panel (FACP) and the associated alarm transmission devices, the special requirements for distributors of electrical circuit systems with functional integrity are valid.

## The solution:

The fire protection housing allows for the installation of a fire alarm control panel in accordance with MLAR and LAR requirements of the different federal states.

The duration of the functional integrity of the electrical circuit systems for security technology systems must account for at least 30 minutes for:

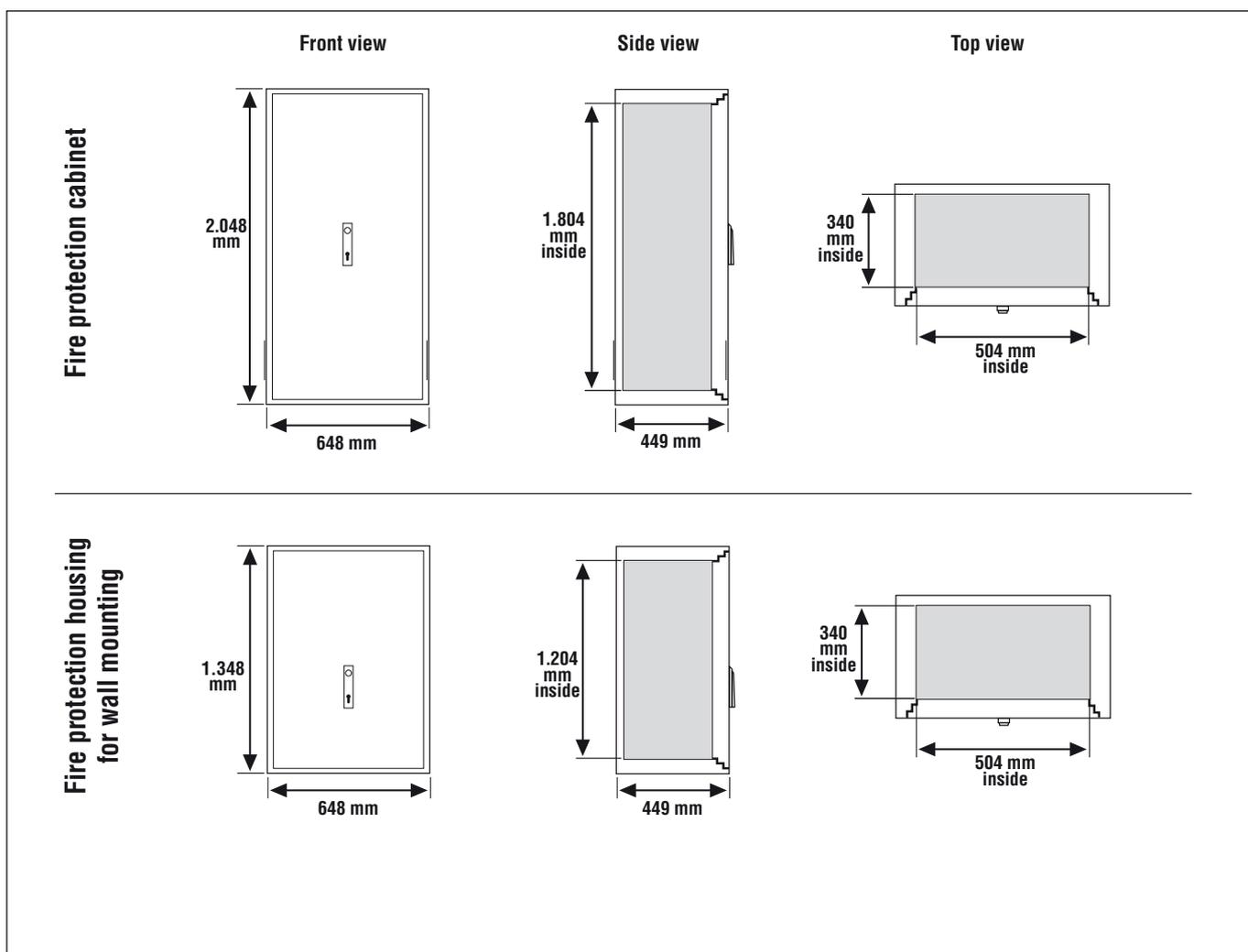
- Fire detection systems including the corresponding transmission systems.
- Systems that alarm and issue directives to visitors and employees, inasmuch as these systems must be effective in cases of fire.

Fire detection systems required by building laws that can be operated by an esserbus-PLus warning device can be operated in this fire protection housing in accordance with DIN 4102 part 2 with approval according to DIBt. The housing is a component of the VdS device approval and, as an approved distributor, supplies power to the warning device for over 30 minutes.

Other housings do not fulfill the approval requirements and may not be used. In addition, the electro-housing must fulfill fire load insulation requirements in accordance with § 40 paragraph 2 of the MBO, and a FACP can be used for necessary emergency and evacuation exits as well. Should the interior of the housing ignite, any desmoking will be prevented.

At most, an IQ8Control, Compact or FlexES Control FACP including transmission device may be built into the fire protection housing.

Since the fire protection housing door always remains closed during normal operation and thus the operation level 1 cannot be reached in accordance with EN54-2, an FAT (Fire brigade operating panel) can be necessary for initial information after consultation with the responsible fire department.



Dimensional drawing

## Technical Data

**788040 / 788041**

**788042 / 788043**

Type of protection	IP 41	
Color	light gray, similar to RAL 7035	
Weight	approx. 166 kg	approx. 237 kg
Dimension (W x H x D)	648 x 1348 x 449 mm	648 x 2048 x 449 mm

## Order information

### Part No.

Fire Protection Housing F30R - right opening	788040
Fire Protection Housing F30L - left opening	788041
Fire Protection Housing F30R - right opening	788042
Fire Protection Housing F30L - left opening	788043

For further order information please refer to our „Fire Alarm Technology“ Product Line Catalogue.

## Scope of Delivery:

- Inside Fan
- Mounting Rails
- Pivot Locking Handle w. Blind Cylinder

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