



Fire  
Resistance  
**90 Min.**



**Smoke**  
Protection  
min leakage



Material  
+ Decor  
**A2** Class



# PRIOELEC ESL BIG-Line

## Large fire protection cabinet

Fire-resistant large enclosure for housing electrical safety systems required by building regulations. The enclosure can be supplied either in individual parts on a pallet or fully assembled.

The large enclosure is smoke-tight (fire from inside) and offers a fire resistance of 90 minutes.

Proof of functional integrity must be provided in accordance with MLAR.

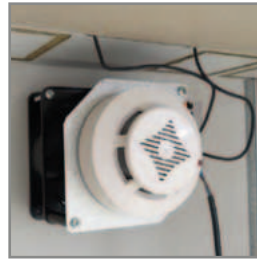
### Function

- Fire resistance 90 minutes, fire-resistant
- Suitable for function preservation for up to 90 minutes\*

\* Depending on the fixtures and their arrangement.



- Cable cooling channel and optionally available rear panel



- Integrated fan unit with smoke detector



- Integrated mounting rails



- Bottom clearance, with removable front panel

## Construction

- Empty enclosure with high mechanical resistance
- Integrated ventilation system, consisting of fan and smoke detector, installed ready for connection (230 V AC), cold smoke-tight
- Stainless steel door hinges
- Door opens into the enclosure, approx. 180° opening angle
- 2-point door locking via swivelling lever with double-bit cylinder (exchangeable against house locking system)
- All-round fire protection seal, foams up automatically in case of fire
- Cable entry at top + bottom, for fret entry
- Cable cooling duct
- Fixing rail for mounting the unit support or mounting plate
- Anti-tilt protection of the enclosure through fastening straps at the top
- Integrated pedestal accessible from below, with removable front panel
- Available in assembled or disassembled version (the installation location must be suitable for the weight of the housing, among other things)
- Version available without fire dampers
- Version available with fire dampers

## Material characteristic

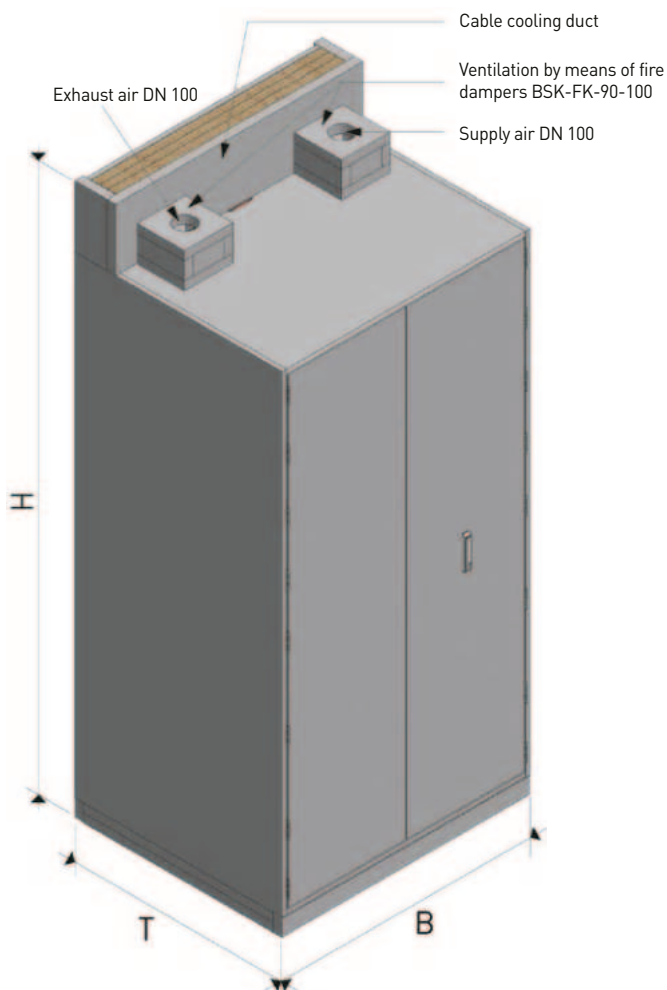
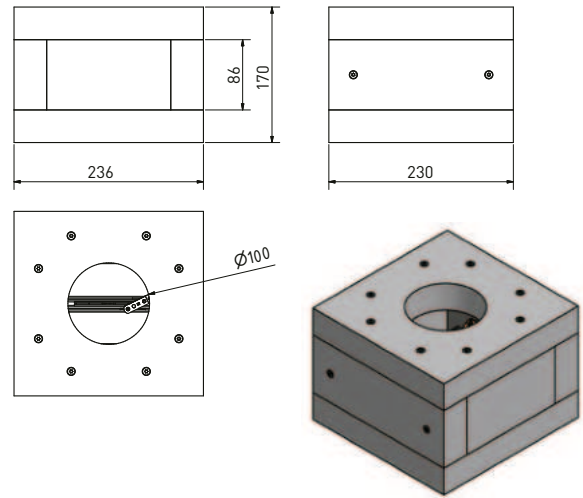
- Non-combustible panel with surface coating, classified A2 - s1, d0: non-combustible
- Standard surface CPL
- Standard colour light grey, similar to RAL 7035

## Scope of delivery

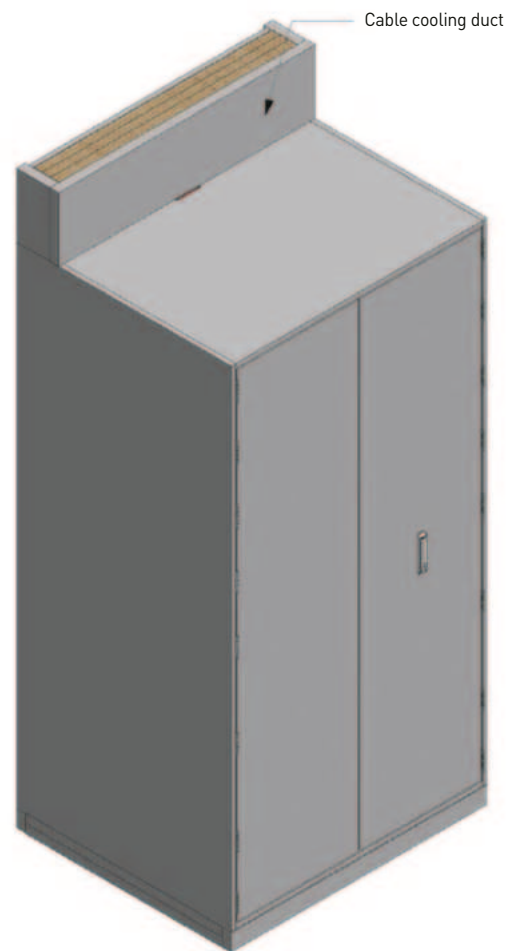
- PRIOELEC ESL BIG-Line fire protection enclosure disassembled or fully assembled on a pallet
- Cable cooling duct
- Mounting material

**Fire damper BSK-FK90-100**

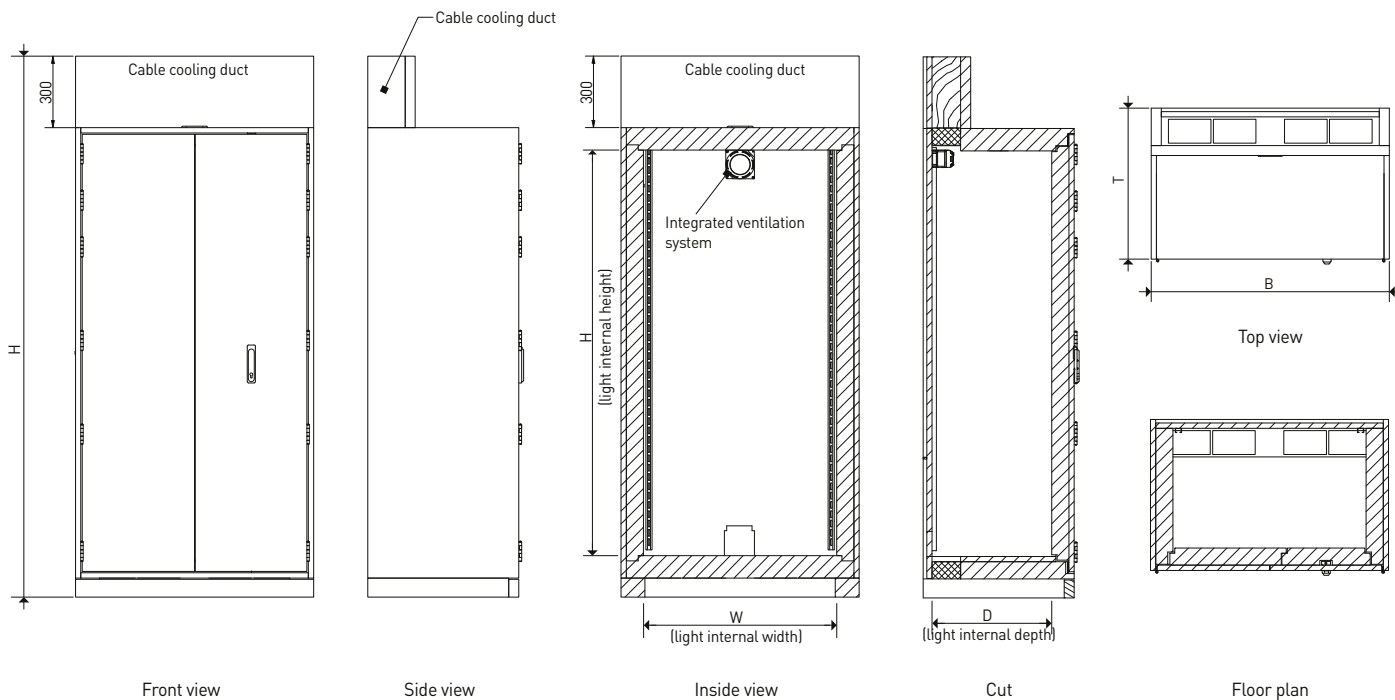
- Smoke-tight when closed, thermal release via fusible link at 72°C
- Self-closing due to thermal release
- Fire protection tested according to DIN EN 1366-2
- Weight: 13.0 kg



Large fire protection enclosure PRIOELEC ESL BIG-Line with fire-resistant supply/exhaust air system each NW 100 mm for connection to on-site fire-resistant fire protection duct system (ventilation system)



Large fire protection enclosure PRIOELEC ESL BIG-Line



Art.	Code <sup>1</sup>	H x W x D mm	H x W x D mm	kg	P <sub>Vmax</sub> = W	Description
<b>Standard sizes 2-leaf</b>						
ESL92.170.081.050	-x	2272 x 998 x 631	1700 x 810 x 500	550	250	
ESL92.170.081.065	-x	2272 x 998 x 781	1700 x 810 x 650	633	250	
ESL92.170.081.087	-x	2272 x 998 x 1009	1700 x 810 x 878	762	250	
ESL92.170.101.080	-x	2272 x 1198 x 931	1700 x 1010 x 800	808	250	
ESL92.200.081.050	-x	2572 x 998 x 631	2000 x 810 x 500	612	260	Disassembled ex works, self-assembly*
ESL92.200.081.065	-x	2572 x 998 x 781	2000 x 810 x 650	704	260	Disassembled ex works, self-assembly*
ESL92.200.101.080	-x	2572 x 1198 x 931	2000 x 1010 x 800	893	260	Disassembled ex works, self-assembly*
ESL92.211.101.087	-x	2683 x 1204 x 1009	2111 x 1016 x 878	980	280	Disassembled ex works, self-assembly

\* Fully assembled ex works on request, as special transport may be necessary

**Other sizes on request**

You will find the text of the invitation to tender at [www.priorit.de](http://www.priorit.de).

- <sup>1</sup>Code x:     without   = disassembled ex works, self-assembly  
                   -1       = disassembled ex works, self-assembly, with fire dampers BSK-FK90-100  
                   -M       = fully assembled ex works  
                   -M1      = fully assembled ex works, with fire dampers BSK-FK90-100

**Order example:**



ESL92.170.101.080-M1 → Large fire protection enclosure ESL92; fully assembled ex works, with fire dampers BSK-FK90-100

**P<sub>Vmax</sub>** Recommended approx. values for mounting and installation on a fire-resistant wall. A „derating“ of the electrical equipment must be taken into account. Compliance with the limit excess temperatures according to the valid DIN EN 61439-1 must be observed.

Power loss in normal operation at ΔT = 13 K (inside 35°C, outside 22°C), with integrated ventilation system.

## Options and accessories

- All PRIORIT surfaces, see page 44
- Rear wall for free installation
- Installation on site by PRIORIT

Art.	Accessories	 H x W x D mm	 kg
ESL.RW-90-170-081	Two-part rear panel for free installation	2317 x 998 x 42	191
ESL.RW-90-170-101	Two-part rear panel for free installation	2317 x 1198 x 42	230
ESL.RW-90-200-081	Two-part rear panel for free installation	2617 x 998 x 42	216
ESL.RW-90-200-101	Two-part rear panel for free installation	2617 x 1198 x 42	260
ESL.RW-90-211-101	Two-part rear panel for free installation	2728 x 1204 x 42	271
EBR91:MONT	Installation of the ESL BIG-Line on site by PRIORIT		
VENT-24V	Additional ventilation set, consisting of fan 24V DC + aluminium flex tube (only in combination with BSK-FK90-100); without power supply unit.		
VENT-24V-NETZ	Power supply unit for additional ventilation set 24V 60 W; with top-hat rail		

Subject to technical changes. | Status: 18.04.2024

