



**Fire
Resistance
30 Min.**



**Smoke
Protection
min leakage**



**Material
+ Decor
A2 Class**



PRIOLEC EHL31

Electro Hanging Cabinet

PRIORIT electro hanging cabinet in single-leaf design, suitable for a smoke-tight and fire-resistant separation of electrical distributors in escape and rescue routes (fire load insulation). The housing is made of non-combustible building material class A2 – s1 d0. As standard, cabinets are equipped with a ventilation system in the rear wall, top and bottom cable entry. The inside dimensions are based on the electro-technical standard distribution panels and mounting plates.

Function

- Fire resistance of 30 min, fire-retardant
- Suitable for fire load insulation of 30 minutes
- Smoke protection, cold-smoke-proof
- Protection class: IK10, IP 44
- Protection class II
- CE marking



■ Ventilationprinzip



■ Cable insertion from above



■ Swing lever and double-bit cylinder



■ Removable stainless steel door hinges

Construction

- Empty housing featuring high mechanical resistance
- Door hinges made from stainless steel
- Door can be unhinged
- Door hinge can be changed on site
- Door integrated into body, opening angle approx. 180°
- 2-point door lock via pivot lever with double-bit cylinder (can be replaced with home locking system)
- Circumferential fire protection seal, foams automatically in case of fire
- Cable feed top + bottom for bundle insertion
- Fixing rails for installation of device support brackets or mounting plate

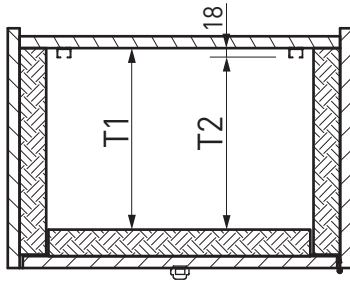
Material characteristic

- Non-combustible board with surface coating, classification A2 – s1, d0
- Standard CPL surface
- Colour light grey, similar to RAL 7035, edges and bevels in different colour

Scope of delivery

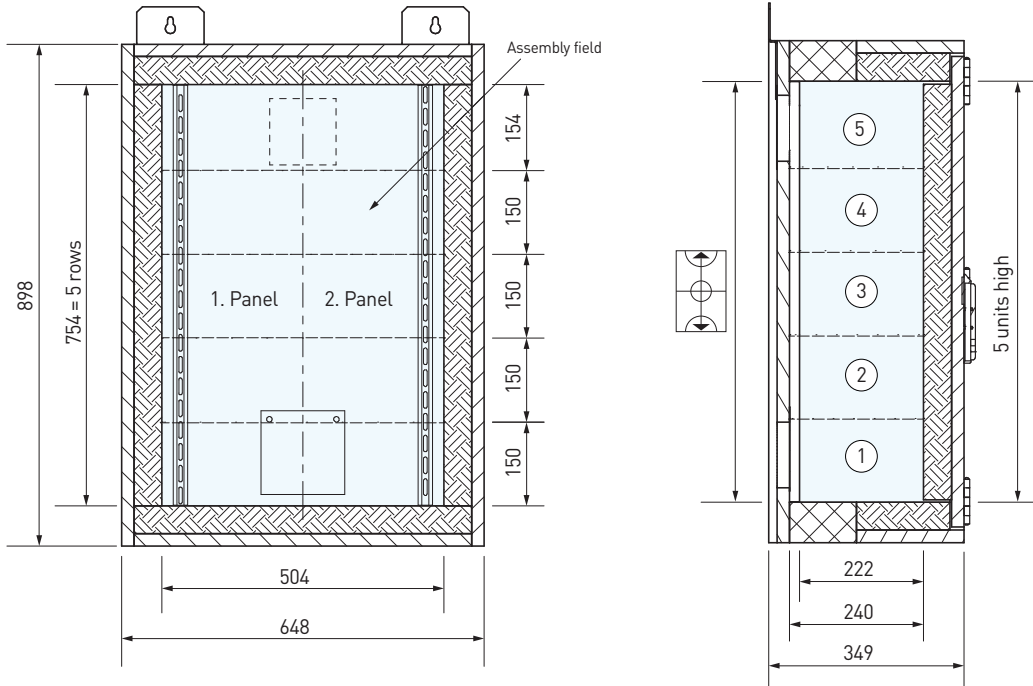
- Empty enclosure, with integrated thermal fuse

Effective internal dimensions

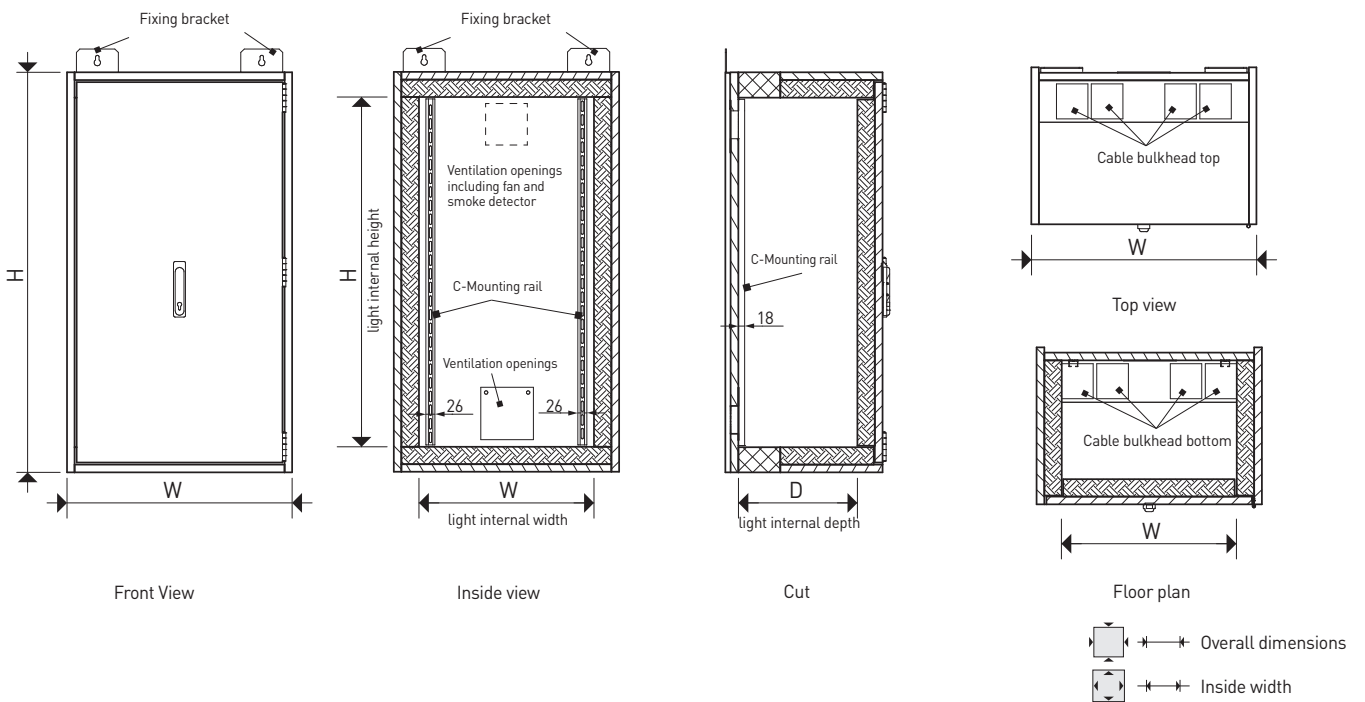


Interior depth cabinet D1 mm	Effective internal depth D2 mm
240	222
340	322

Standard cabinet EHL



Useful interior space based on the example of an PRIOELEC EHL31.05224



Art.							
x = DIN 1	H x W x D mm	H x W x D mm	kg	$P_{Vmax} = W$	DIN = x		

Fire resistance 30 minutes - Empty enclosure types tested and certified by the VDE testing institute in accordance with DIN EN 62208

Interior depth 240 mm							
EHL31.03124-x	598 x 398 x 349	454 x 254 x 240	51	112	L/R	2 (3)	24
EHL31.03224-x	598 x 648 x 349	454 x 504 x 240	71	114	L/R	2 (3)	48
EHL31.04124-x	748 x 398 x 349	604 x 254 x 240	62	113	L/R	3 (4)	36
EHL31.04224-x	748 x 648 x 349	604 x 504 x 240	85	115	L/R	3 (4)	72
EHL31.05124-x	898 x 398 x 349	754 x 254 x 240	73	113	L/R	4 (5)	48
EHL31.05224-x	898 x 648 x 349	754 x 504 x 240	99	116	L/R	4 (5)	96
EHL31.06124-x	1048 x 398 x 349	904 x 254 x 240	83	114	L/R	5 (6)	60
EHL31.06224-x	1048 x 648 x 349	904 x 504 x 240	114	117	L/R	5 (6)	120
EHL31.06324-x	1048 x 898 x 349	904 x 754 x 240	144	121	L/R	5 (6)	180
EHL31.07124-x	1198 x 398 x 349	1054 x 254 x 240	94	114	L/R	6 (7)	72
EHL31.07224-x	1198 x 648 x 349	1054 x 504 x 240	128	118	L/R	6 (7)	144
EHL31.07324-x	1198 x 898 x 349	1054 x 754 x 240	163	124	L/R	6 (7)	216
EHL31.08124-x	1348 x 398 x 349	1204 x 254 x 240	105	115	L/R	7 (8)	84
EHL31.08224-x	1348 x 648 x 349	1204 x 504 x 240	143	120	L/R	7 (8)	168
EHL31.08324-x	1348 x 898 x 349	1204 x 754 x 240	181	126	L/R	7 (8)	252
EHL31.09124-x	1498 x 398 x 349	1354 x 254 x 240	115	115	L/R	8 (9)	96
EHL31.09224-x	1498 x 648 x 349	1354 x 504 x 240	157	121	L/R	8 (9)	192

Interior depth 340 mm							
EHL31.04234-x	748 x 648 x 449	604 x 504 x 340	101	117	L/R	3 (4)	72
EHL31.05234-x	898 x 648 x 449	754 x 504 x 340	117	119	L/R	4 (5)	96
EHL31.06234-x	1048 x 648 x 449	904 x 504 x 340	133	120	L/R	5 (6)	120
EHL31.06334-x	1048 x 898 x 449	904 x 754 x 340	167	128	L/R	5 (6)	180
EHL31.07234-x	1198 x 648 x 449	1054 x 504 x 340	150	123	L/R	6 (7)	144
EHL31.07334-x	1198 x 898 x 449	1054 x 754 x 340	187	131	L/R	6 (7)	216
EHL31.08234-x	1348 x 648 x 449	1204 x 504 x 340	166	125	L/R	7 (8)	168
EHL31.09234-x	1498 x 648 x 449	1354 x 504 x 340	182	128	L/R	8 (9)	192

You can find the tender text at: www.priorit.de

P_{Vmax} Recommended approximate values for the assembly and installation of a fire-resistant wall. A "derating" of the electrical equipment must be taken into account. Compliance must be ensured with temperature rise limits in accordance with the applicable DIN EN 61439-1.

Power dissipation in normal operation at $\Delta T = 13$ K (inside 35°C, outside 22°C), with on-site fan

Non-binding lead time approx. 2 weeks (depending on order quantities).

Options and accessories

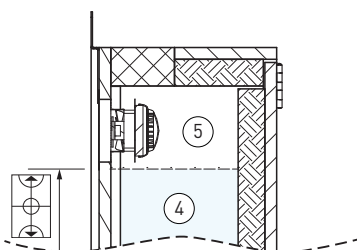
- All PRIORIT surfaces, see page 44

Art.	Accessories
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Technical ventilation

EBEL-VENT-L230R2-OT	Ventilation system, consisting of fan and smoke detector, ready for connection (230 V AC)
EBEL-VENT-L24R2-OT	Ventilation system, consisting of fan and smoke detector, ready for connection (24 V DC)

Example:



If the EBEL-VENT-L230R2-OT or EBEL-VENT-L24R2-OT fan unit is retrofitted, the usable height is reduced by one height unit.