

KIT-PE STAIRSHIELD



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Stairs pressurization kit to automatically control the differential pressure and maintain it at 30-50 Pa in a single stage in accordance with the UNE-EN 12101-6 standard.

Made up of a control panel (KIT-PE STAIRSHIELD) and a drive unit (any fan for air supply) that will provide the stairs or the escape route with sufficient pressure.

Available for three-phase and single-phase equipment.

The KIT-PE STAIRSHIELD has everything necessary to function autonomously, so the installer's job will be much easier and he will only have to connect the kit to the fan and to the fire detection control panel.

The KIT-PE STAIRSHIELD is composed of the following elements:

- Variable frequency programmed to maintain constant pressure.
- Maximum output frequency: 50Hz
- High precision DPT differential pressure probe
- Steel frame fitted with a 3mm double bar lock to limit external access. IP66 protection. Complies with IEC 62208, UL, CUL, BV, DNV and GL standards.
- Magnetothermic protector.
- Line and error led.
- Test button.
- Operating mode selector.

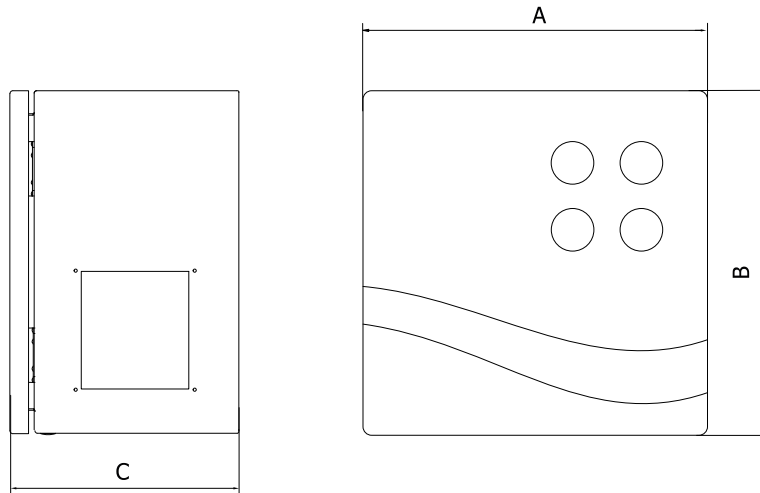
Kit according to the new regulations (1/2/24) with a fire brigade panel (COMBATOR)

It only manages a fan. A kit per ladder is required.

Technical data

Code	Model	Max.I. A	Weight kg
KPESSIO1	KIT-PE STAIRSHIELD I 2,5A (0,4kW) in: 230Vac II, out: 230Vac III	2.5	15
KPESSIO3	KIT-PE STAIRSHIELD I 4,2A (0,75kW) in: 230Vac II, out: 230Vac III	4.2	15
KPESSIO4	KIT-PE STAIRSHIELD I 7A (1,5kW) in: 230Vac II, out: 230Vac III	7	15
KPESSIO5	KIT-PE STAIRSHIELD I 10A (2,2kW) in: 230Vac II, out: 230Vac III	10	15
KPESSIII01	KIT-PE STAIRSHIELD III 2,2A (0,75kW) in: 400Vac III, out: 400Vac III	2. 2000000000000 002	15
KPESSIII02	KIT-PE STAIRSHIELD III 3,6A (1,5kW) in: 400Vac III, out: 400Vac III	3.6	15
KPESSIII03	KIT-PE STAIRSHIELD III 5A (2,2kW) in: 400Vac III, out: 400Vac III	5	18
KPESSIII04	KIT-PE STAIRSHIELD III 8A (4kW) in: 400Vac III, out: 400Vac III	8	18
KPESSIII05	KIT-PE STAIRSHIELD III 12A (5,5kW) in: 400Vac III, out: 400Vac III	12	18
KPESSIII06	KIT-PE STAIRSHIELD III 16A (7,5kW) in: 400Vac III, out: 400Vac III	16	23
KPESSIII07	KIT-PE STAIRSHIELD III 23A (11,0kW) in: 400Vac III, out: 400Vac III	23	23
KPESSIII08	KIT-PE STAIRSHIELD III 29,5A (15,0kW) in: 400Vac III, out: 400Vac III	29.5	30
KPESSIII09	KIT-PE STAIRSHIELD III 41A (18,5kW) in: 400Vac III, out: 400Vac III	41	30

Dimensions



Model	A	B	C
KIT-PE STAIRSHIELD I 2,5A (0,4kW) in: 230Vac II, out: 230Vac III	500	500	210
KIT-PE STAIRSHIELD I 4,2A (0,75kW) in: 230Vac II, out: 230Vac III	500	500	210
KIT-PE STAIRSHIELD I 7A (1,5kW) in: 230Vac II, out: 230Vac III	500	500	210
KIT-PE STAIRSHIELD I 10A (2,2kW) in: 230Vac II, out: 230Vac III	500	500	210
KIT-PE STAIRSHIELD III 2,2A (0,75kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 3,6A (1,5kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 5A (2,2kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 8A (4kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 12A (5,5kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 16A (7,5kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 23A (11,0kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 29,5A (15, 0kW) in: 400Vac III, out: 400Vac III	500	500	210
KIT-PE STAIRSHIELD III 41A (18,5kW) in: 400Vac III, out: 400Vac III	500	500	210