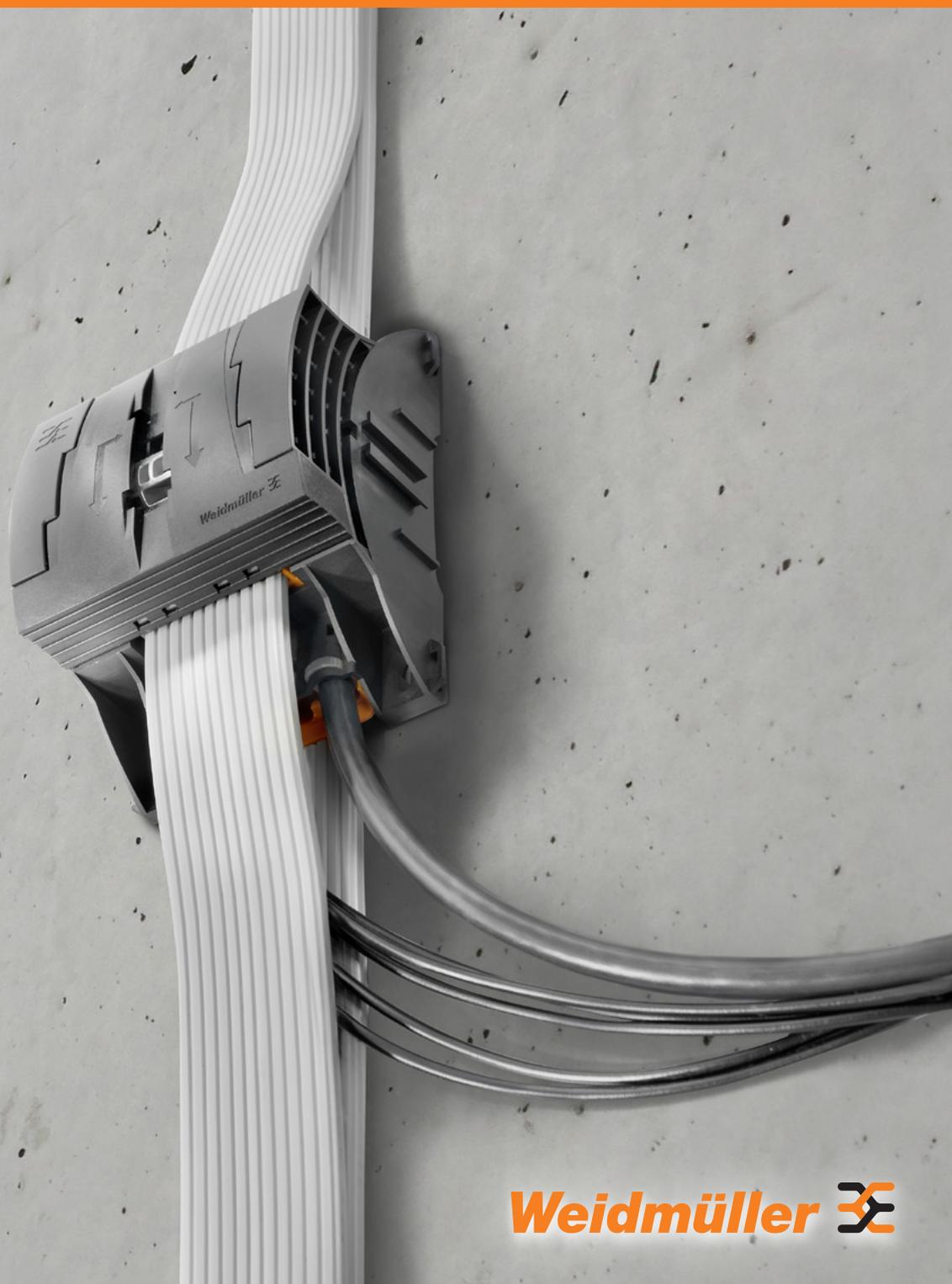


Elevators

Increased efficiency in elevator shaft wiring

Smartly solved with FieldPower® Elevator



Fast and comfortable from floor to floor

FieldPower® Elevator saves time and materials

Traditional installation of electrical components in the elevator shaft is tedious and time consuming. This involves the installation of cable ducts, the preparation of conductors and cables as well as the guarantee of reliable interruption of safety circuits. The innovative shaft wiring box FieldPower® Elevator combines all components in a single solution. With the compact box, it's possible to easily connect an 11-pole continuous flat cable on every floor providing power, signals and data. This saves time, reduces material complexity and increases efficiency.

In terms of total costs, FieldPower® Elevator offers the following advantages:

- Easy and fast installation
- Reduced complexity and material expenses
- Pre-assembly for various functions

Wide range of functions

Various functions such as feed-in, bus, safety circuit and pit room taps can be configured and combined in a single box.



Secure contacting

When the extender is actuated, the flat cable is safely pierced in the base unit guide.



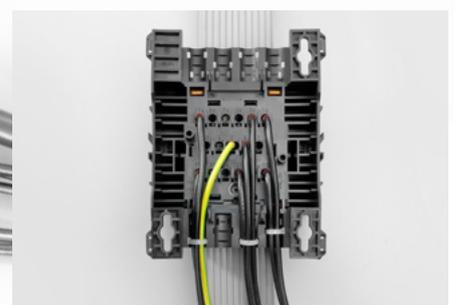
No special tools necessary

Up to two safety circuits per floor can be realised by simple interruption of the two outer wires.



PUSH IN connection

Connection elements with PUSH IN technology enable rapid wiring of car calls, floor indicators and door locks.



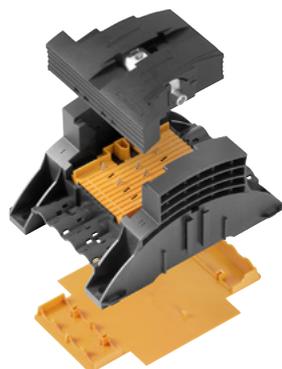
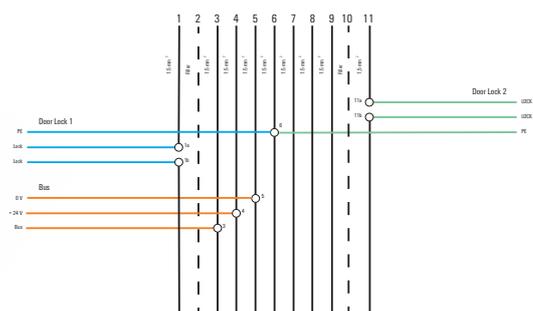
Technical data and ordering data

| FieldPower® Elevator | |
|------------------------------------|--|
| Packing content | base unit, extender, protection back plate |
| Protection class | IP20 |
| Insulation material | IP20 |
| Material color | Orange/Black |
| Silicon free | Yes |
| Halogen free | Yes |
| Temperature range for installation | +10 °C bis +50 °C |
| Operating temperature | -5 °C bis +50 °C |
| Flame resistant | V0 |
| Dimensions | L: 122 mm, H: 65 mm, W: 96 mm |
| Rated voltage | 230 V |
| Rated current | 6 A |
| Rated impulse withstand voltage | 4 kV |

| Clamped conductors (PUSH IN connection elements) | |
|--|----------------------------|
| Solid/stranded | 0.75 - 1.5 mm ² |
| Flexible with wire end ferrule | 0.75 - 1.5 mm ² |
| Stripping length | 12 mm |

Landing

| Type | Qty. | Order No. |
|---------------------|------|------------|
| FP ESWB LANDING SET | 1 | 2483990000 |



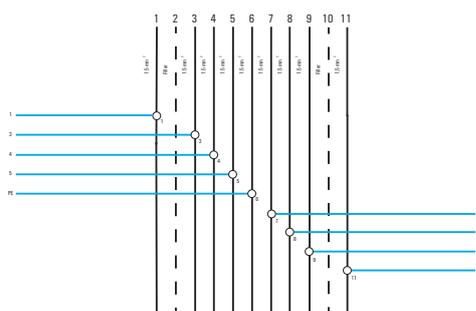
| Flat cable | |
|------------------------------------|------------------------------------|
| Manufacturer | Draka EHC |
| Packing unit | 1,000 meter spools, MOQ on request |
| Temperature range for installation | +10 °C bis +50 °C |
| Operating temperature | -5 °C bis +70 °C |
| Dimensions | 41.6 x 4.9 mm |
| Outer sheath material | PVC |
| Outer sheath color | Grey |
| Flame propagation | IEC/EN 60332-1-2 |
| Number of cores | 11 (9 copper wires + 2 filler) |
| Protective earth conductor | Yes |
| Conductor isolation | PVC |
| Conductor material | Copper |
| Rated voltage U _n | 300 V for 1.5 mm ² |
| Rated voltage | 500 V for 1.5 mm ² |

Product information

The elevator shaft wiring box is available with approved flat cable from manufacturer Draka EHC.

Terminal

| Type | Qty. | Order No. |
|----------------------|------|------------|
| FP ESWB TERMINAL SET | 1 | 2524850000 |



Accessories

| Type/Version | Order No. |
|---|------------|
| SDIS SLIM 1.2X6.5X150 / Screwdriver with slotted bit | 2749640000 |
| KSE 160 / VDE-insulated heavy-duty diagonal-cutting pliers, 160 mm long | 9046410000 |
| SDIS 0.4X2.5X75 / VDE-insulated screwdriver with slotted bit | 2749790000 |

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