

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

## **Increased efficiency in elevator shaft wiring** **Smartly solved with FieldPower® Elevator** Let's connect.

Elevators





# 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 preparati-on 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.



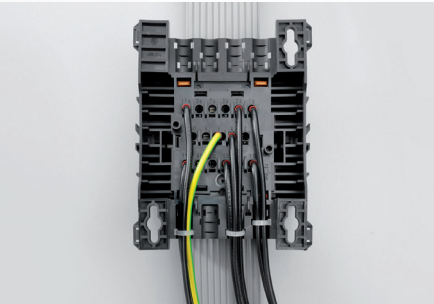
### Secure contacting

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



### PUSH IN connection

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



### No special tools necessary

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



## Technical data and ordering data

| FieldPower® Elevator               |                                            |
|------------------------------------|--------------------------------------------|
| Packing content                    | base unit, extender, protection back plate |
| Protection class                   | IP20                                       |
| Insulation material                | Fibreglass reinforced polyamide            |
| 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 mm² |
| Flexible with wire end ferrule                   | 0.75 - 1.5 mm² |
| Stripping length                                 | 12 mm          |

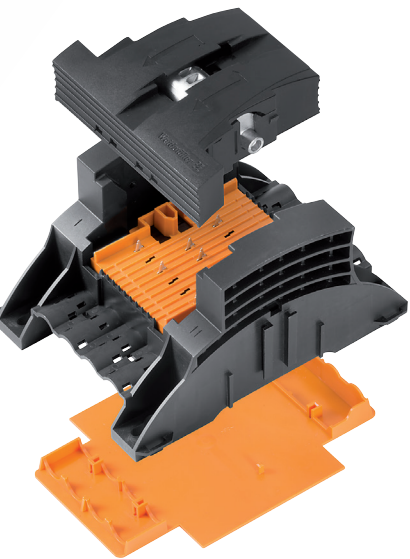
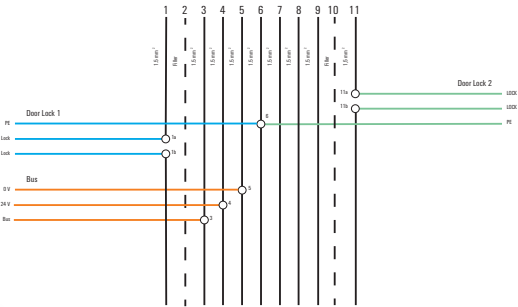
| Flat cable                         |                                    |
|------------------------------------|------------------------------------|
| Manufacturer                       | Dätwyler Cabling Solutions         |
| Packing unit                       | 1,000 meter spools, MOQ on request |
| 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 <sub>0</sub>       | 300 V for 1.5 mm²                  |
| Rated voltage                      | 500 V for 1.5 mm²                  |

### Product information

The elevator shaft wiring box is currently only available with approved flat cable type 6G1.5+1x0.75mm²+4Filler (P/N 297 144) and 9G1.5+2xFiller (P/N 297 145) from manufacturer Dätwyler Cabling Solutions. Other variants available upon request.

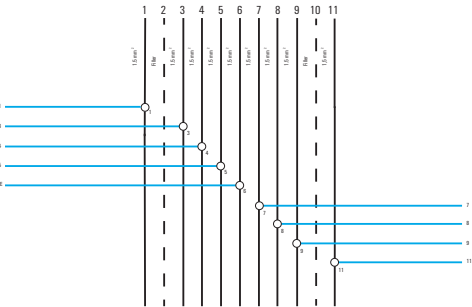
## Landing

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



## Terminal

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



## Accessories

|                                                                                       | Type/Version                                                            | Order No.  |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------|
|  | SDS 1.2X6.5X150 / Screwdriver with slotted bit                          | 9009010000 |
|  | KSE 160 / VDE-insulated heavy-duty diagonal-cutting pliers, 160 mm long | 9046410000 |
|  | SDIS 0.4X2.5X75 / VDE-insulated screwdriver with slotted bit            | 9008370000 |

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