



## At a glance

### Applications



Frost protection



Temperature maintenance



Silos, containers, tanks



Pipelines, valves, pumps

- › Power plants
- › Building services
- › Water and sewage plants
- › Industrial plants

### Advantages

- › No static charging
- › Housing: Polyester
- › UV resistant
- › High mechanical resistance
- › Suitable for wall mounting

### Suitable connection

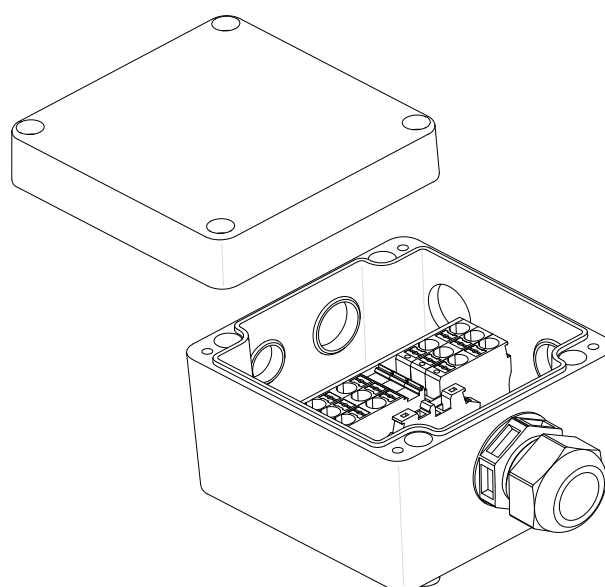
- › 1-3 self-regulating heating cables ELSR (Separate connection sets required)
- › 1-3 constant wattage heating cables ELP (Separate connection sets required)
- › 1 supply line

### Approvals



# ELAK-4.01

## Junction Box for ELSR & ELP



The junction box ELAK-4.01 is fast and easy to install thanks to its conventional design and offers easy maintenance. The design allows for various configurations. Suitable for wall mounting and can also be installed on pipes & vessels using a mounting fixture.

## Checklist

### Mounting fixtures for pipe mounting

|            |                                                         |         |
|------------|---------------------------------------------------------|---------|
| EL-VSB 300 | Mounting bracket, adjustable 180 to 300 mm, mat. 1.4301 | 0941085 |
| EL-VSB 400 | Mounting bracket, adjustable 280 to 400 mm, mat. 1.4301 | 0941086 |
| ELMW-9     | Mounting bracket, 122 x 120 x 100 mm, mat. 1.4301       | 0941009 |

### Assembly accessories for pipelines

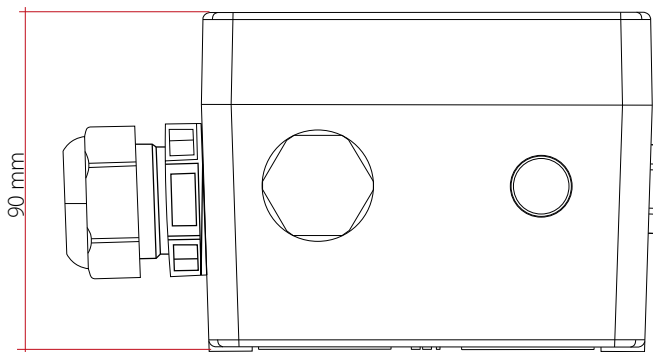
|           |                                                   |            |
|-----------|---------------------------------------------------|------------|
| ELB-15.02 | Hose clamp 16-25 mm (DN 15, 1/2"), mat. 1.4301    | 2723001016 |
| ELB-15.04 | Hose clamp 25-40 mm (DN 25, 1"), mat. 1.4301      | 2723001025 |
| ELB-15.06 | Hose clamp 40-60 mm (DN 40, 1.5"), mat. 1.4301    | 2723001040 |
| ELB-15.09 | Hose clamp 70-90 mm (DN 65, 2.5"), mat. 1.4301    | 2723001070 |
| ELB-15.11 | Hose clamp 90-110 mm (DN 80, 3"), mat. 1.4301     | 2723001090 |
| ELB-13V1  | Threaded strapping tape, 11 mm, 30 m, mat. 1.4301 | 2723001010 |
| ELB-13V2  | Turnbuckle 1.4301 (pkg. = 10 pieces), mat. 1.4301 | 0930042    |

### Mounting fixtures for vessel mounting

|           |                                                |         |
|-----------|------------------------------------------------|---------|
| ELMW-9.01 | 122 x 120 mm, mat. 1.4301, for vessel mounting | 0941052 |
|-----------|------------------------------------------------|---------|

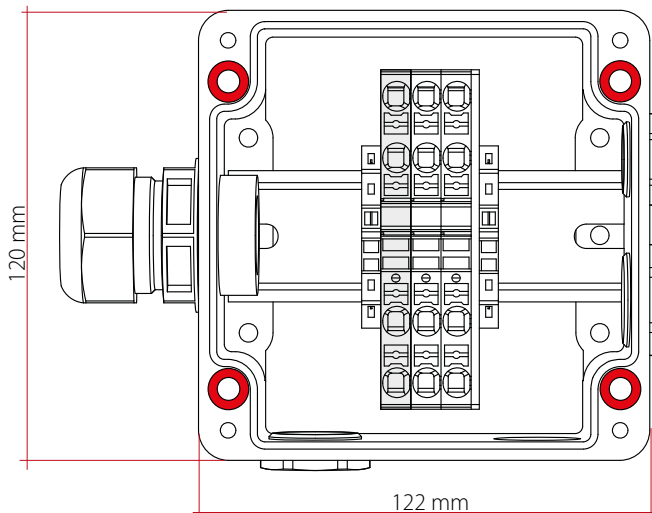
## Technical Specifications

|                                                                                 |                                                                                                                                                 |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. Operating voltage                                                          | 800 V                                                                                                                                           |
| Max. Nominal current                                                            | 41 A                                                                                                                                            |
| Ambient temperature                                                             | - 40 °C to +100 °C                                                                                                                              |
| Housing material                                                                | Fibreglass-reinforced polyester housing antistatic, grey                                                                                        |
| Protection                                                                      | IP 66                                                                                                                                           |
| Dimensions                                                                      | 122 x 120 x 90 mm (WxHxD),  hole pattern 106 x 82 mm, ø 6.5 mm |
| Connection cross-section<br>(solid or with fine wires without wire end ferrule) | Supply line max. 10 mm <sup>2</sup> , 9 - 21 mm diameter                                                                                        |

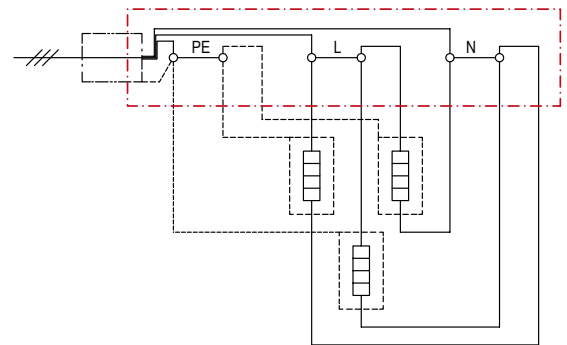


- 2x M25 blind plug
- 1x M20 blind plug
- 1x cable gland M25 1-fold\*
- 1x cable gland M32 1-fold
- 1x reduction M32 to M25\*
- 2x feed-through terminal PT6-Quattro
- 1x ground terminal block PT6-Quattro-PE

\*Enclosed, loose



 Clamp for earthing or electrical protection



## Ordering Information

| Type      | Suitable connection            | Item no. |
|-----------|--------------------------------|----------|
| ELAK-4.01 | 1-3 heating cables ELSR or ELP | 092B401  |