

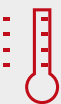


## At a glance

### Applications



Frost protection



Temperature maintenance



Silos, containers, tanks



Pipelines, valves, pumps

- › Potentially explosive areas
- › Power plants
- › Chemical industry
- › Petrochemical industry
- › Oil and gas industry
- › Pharmaceutical industry
- › Plastics industry

### Advantages

- › No static charging
- › Housing: Polyester
- › Suitable for wall mounting

### Suitable connection

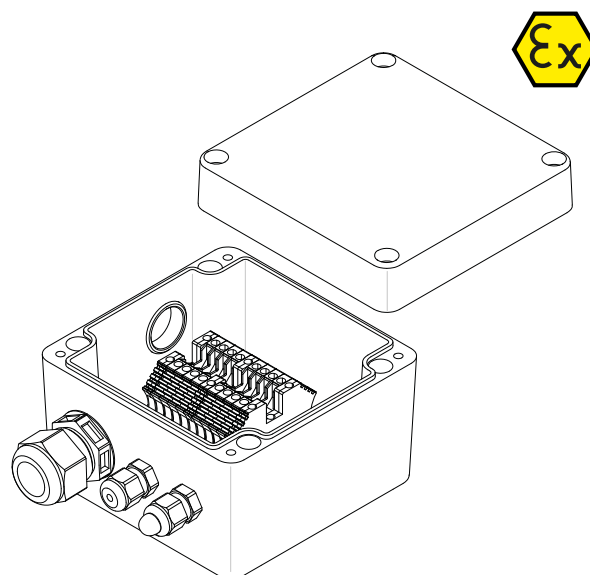
- › Suitable for connection of one or two Pt 100 temperature sensors

### Approvals



- › EPS 13 ATEX 1506 X
- › IMQ 16 ATEX 015 X

# ELAK-Ex-3.8 Junction box



The junction box ELAK-Ex-3.8 is fast and easy to install thanks to its conventional design and offers easy maintenance. The design allows for different configurations as well as operation in explosive atmospheres. Suitable for wall mounting and can also be installed on pipes with the aid of a mounting fixture.

## Checklist

### Mounting fixtures for pipe mounting

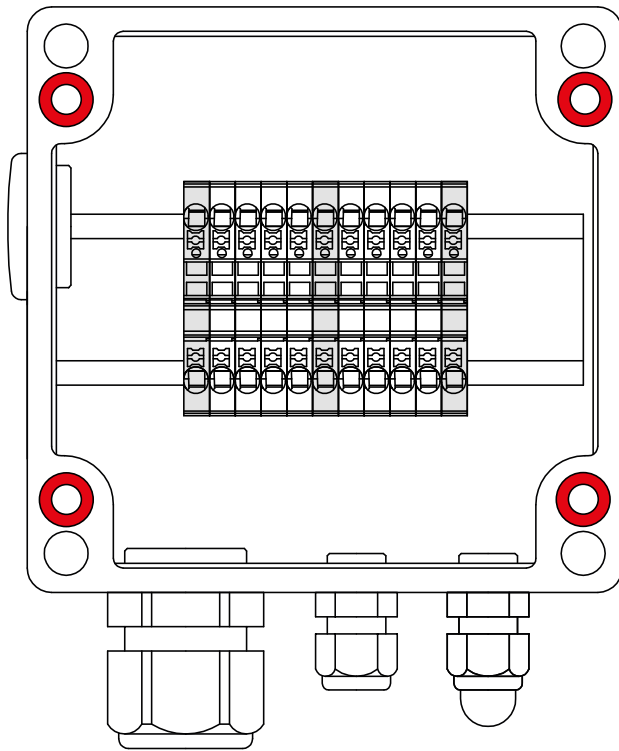
|            |                                                         |         |
|------------|---------------------------------------------------------|---------|
| EL-VSB 300 | Mounting bracket, adjustable 180 to 300 mm, mat. 1.4301 | 0941085 |
| EL-VSB 400 | Mounting bracket, adjustable 280 to 400 mm, mat. 1.4301 | 0941086 |

### 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    |

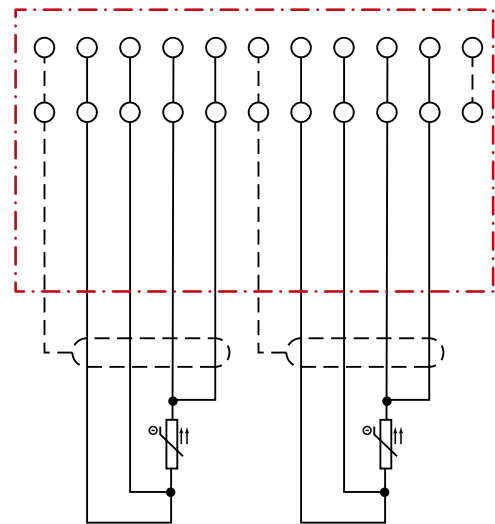
## Technical Specifications

|                                                                                 |                                                                                                                                                 |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating voltage (max.)                                                        | 550 V                                                                                                                                           |
| Nominal current                                                                 | max. 36 A                                                                                                                                       |
| Ambient temperature                                                             | - 40 °C to 50 °C/55 °C/60 °C in T6/T5/T4 (note maximum power loss)                                                                              |
| Housing material                                                                | Fibreglass-reinforced polyester housing antistatic, black                                                                                       |
| 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. 2.5 mm <sup>2</sup> , 9 - 17 mm diameter                                                                                       |



- 1x M25 blind plug
- 1x screw connection M25 1-fold
- 1x screw connection M12
- 1x screw connection M12 with plug
- 8x feed-through terminal WDU 2.5
- 3x protective conductor terminal block WPE 2.5

 Clamp for earthing or electrical protection



## Ordering Information

| Type        | Suitable connection              | Item no. |
|-------------|----------------------------------|----------|
| ELAK-Ex-3.8 | Junction box for Pt100 ELTF-PTEx | 0X80058  |