Accessories for RWA Control Units
ORDER DATA

HSE – Break-glass unit main control panel

| Part.-No. | Application: Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a SHEV group, for connection in the detector line of a control unit. |

TECHNICAL DATA (Rated values)

- Operating voltage: 24 V DC
- Ambient temperature range: -5°C … + 40°C
- Housing: Surface mounting, plastic (ABS)
- Dimensions (WxHxD): 130 x 130 x 32 mm
- Connections: Screw terminal, 1.0 mm² (rigid wire)
- Protection rating: IP30
- Display: Emergency OPEN, power, fault
- Control elements: Buttons for emergency OPEN / CLOSE

Feature / Equipment

- Lockable, glazed door (including key)
- Connection to the detector line input
- HSE orange: VdS certification no. G 501006

VERSIONS

- HSE red (similar to RAL 3000) 528691
- HSE yellow (similar to RAL 1018) 528692
- HSE grey (similar to RAL 7035) 528693
- HSE blue (similar to RAL 5015) 528694
- HSE orange (similar to RAL 2011) 528695

HSE-N – Break-glass unit secondary control panel

| Part.-No. | Application: Break-glass unit with indicator and button for the manual control of the emergency open function of a SHEV group, for connection in the detector line of a control unit. |

TECHNICAL DATA (Rated values)

- Operating voltage: 24 V DC
- Ambient temperature range: -5°C … + 40°C
- Housing: Surface mounting, plastic (ABS)
- Dimensions (WxHxD): 130 x 130 x 32 mm
- Connections: Screw terminal, 1.0 mm² (rigid wire)
- Protection rating: IP30
- Display: Emergency OPEN
- Control elements: Button for emergency OPEN

Feature / Equipment

- Lockable, glazed door (including key)
- Connection to the detector line input
- HSE orange: VdS certification no. G 501006

VERSIONS

- HSE-N red (similar to RAL 3000) 525001
- HSE-N yellow (similar to RAL 1018) 525002
- HSE-N grey (similar to RAL 7035) 525003
- HSE-N blue (similar to RAL 5015) 525004
- HSE-N orange (similar to RAL 2011) 525005
# Accessory for SHEV Control Units

## ORDER DATA

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Application:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a SHEV group, for connection in the detector line of a control unit.</td>
</tr>
</tbody>
</table>

### TECHNICAL DATA (Rated values)

- **Operating voltage:** 24 V DC
- **Ambient temperature range:** -5°C ... + 40°C
- **Housing:** Surface mounting, aluminium
- **Dimensions (WxHxD):** 125 x 125 x 33 mm
- **Connections:** Screw terminal, 1,0 mm² (rigid wire)
- **Protection rating:** IP41
- **Display:** Emergency OPEN, power, fault
- **Control elements:** Buttons for emergency OPEN / CLOSE

### Feature / Equipment
- Lockable, glazed door (including key)
- Connection to the detector line input

### VERSIONS

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>527550</td>
<td>HSE-Alu red (similar to RAL 3001)</td>
</tr>
<tr>
<td>527551</td>
<td>HSE-Alu yellow (similar to RAL 1012)</td>
</tr>
<tr>
<td>527552</td>
<td>HSE-Alu grey (similar to RAL 7035)</td>
</tr>
<tr>
<td>527553</td>
<td>HSE-Alu blue (similar to RAL 5012)</td>
</tr>
<tr>
<td>527554</td>
<td>HSE-Alu orange (similar to RAL 2011)</td>
</tr>
<tr>
<td>527559</td>
<td>Protective housing IP54 for break-glass unit HSE-Alu grey – add-on kit</td>
</tr>
</tbody>
</table>

# Break-glass units

## ORDER DATA

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Application:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a SHEV group, for connection in the detector line of a control unit.</td>
</tr>
</tbody>
</table>

### TECHNICAL DATA (Rated values)

- **Operating voltage:** 24 V DC
- **Ambient temperature range:** -5°C ... + 40°C
- **Housing:** Surface mounting, plastic (ABS)
- **Dimensions (WxHxD):** 130 x 130 x 32 mm
- **Connections:** Screw terminal, 1,0 mm² (rigid wire)
- **Protection rating:** IP30
- **Display:** Emergency OPEN, power, fault
- **Control elements:** Button for emergency OPEN / CLOSE

### Feature / Equipment
- Built-in buzzer
- Lockable, glazed door (including key)
- Connection to the detector line input
- Settings via DIP switch: Warning sound in case of fault and / or SHEV

### VERSIONS

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>528711</td>
<td>HSE red (similar to RAL 3000)</td>
</tr>
<tr>
<td>528712</td>
<td>HSE yellow (similar to RAL 1018)</td>
</tr>
<tr>
<td>528713</td>
<td>HSE grey (similar to RAL 7035)</td>
</tr>
<tr>
<td>528714</td>
<td>HSE blue (similar to RAL 5015)</td>
</tr>
<tr>
<td>528715</td>
<td>HSE orange (similar to RAL 2011)</td>
</tr>
</tbody>
</table>
## ACCESSORIES FOR SHEV CONTROL UNITS

### HSE – Frame for flush mounting

#### Application:
Flush mounting of break-glass units.

#### TECHNICAL DATA
- **Housing:** Surface mounting, steel sheet
- **Dimensions (WxHxD):** 171 x 171 x 26 mm
- **Surface:** Powder-coated in light grey w/o structure
- **Installation Dimensions:** 140 x 140 x 30 mm

#### Feature / Equipment
- Suitable for break glass units with plastic housing 130 x 130 x 32 mm

### BREAK-GLASS UNITS

#### HSE – Break-glass unit main control panel

#### Application:
Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a SHEV group, for connection in the BUS line of a control unit.

#### TECHNICAL DATA (Rated values)
- **Operating voltage:** 24 V DC
- **Ambient temperature range:** -5°C … + 40°C
- **Housing:** Surface mounting, plastic (ABS)
- **Dimensions (WxHxD):** 130 x 130 x 32 mm
- **Connections:** BUS terminal, 2 x 0,8 mm²
- **Protection rating:** IP30
- **Display:** Emergency OPEN, power, fault
- **Control elements:** Buttons for emergency OPEN / CLOSE
- **Connection possibility:** Ventilation push button - input
- **Screw terminal, 1,0 mm² (rigid wire)

#### VERSIONS
- **HSE red** (similar to RAL 3000) 528491
- **HSE yellow** (similar to RAL 1018) 528492
- **HSE grey** (similar to RAL 7035) 528493
- **HSE blue** (similar to RAL 5015) 528494
- **HSE orange** (similar to RAL 2011) 528495

### ORDER DATA

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>528015</td>
<td>HSE – Frame for flush mounting</td>
</tr>
<tr>
<td></td>
<td>Application: Flush mounting of break-glass units.</td>
</tr>
</tbody>
</table>

**Feature / Equipment**
- Lockable, glazed door (including key)
- Connection to the detector line input

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**Aumüller**

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01/2022
### Accessories for SHEV Control Units

#### Optical smoke detector

**Application:** Smoke detector for the automatic early detection of fire for controlling of the EMERGENCY OPEN function via a detector line of SHEV control units, with smoke generation in the monitored area.

**TECHNICAL DATA (Rated values)**

- **Measuring element:** photo electric / scattered light principle
- **Operating voltage:** 8.5 – 33 V DC
- **Standby current:** < 100 μA
- **Housing:** Surface mounting, plastic (ABS), signal white (similar to RAL 9003)
- **Dimensions (WxHxD):** 120 x 60 mm
- **Connections:** Screw terminals 1.0 mm² (rigid wire)
- **Protection rating:** IP23D
- **Ambient temperature range:** -10°C ... +55°C
- **Display:** Alarm LED

**Feature / Equipment**
- Fire algorithms for avoiding false alarms, automatic alarm threshold tracking
- According to EN 54-7, Connection to the detector line input
- VdS certification no. G 209219

#### ORDER DATA

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>531520</td>
<td>Optical smoke detector</td>
</tr>
<tr>
<td>531530</td>
<td>Optical BUS-smoke detector</td>
</tr>
</tbody>
</table>

#### ACCESSORIES

- **Ball protection (chromed steel grid)** e.g. use in sporthalls

**Part.-No.** 513546

**Application:** BUS-smoke detector for the automatic early detection of fire for controlling of the EMERGENCY OPEN function via the BUS detector line of the EMB 8000+, with smoke generation in the monitored area.

**TECHNICAL DATA (Rated values)**

- **Measuring element:** photo electric / scattered light principle
- **Operating voltage:** 12 V DC via BUS
- **Standby current:** < 110 μA
- **Housing:** Surface mounting, plastic (ABS), signal white (similar to RAL 9003)
- **Dimensions (WxHxD):** 120 x 60 mm
- **Connections:** Screw terminals 1.0 mm² (rigid wire)
- **Protection rating:** IP30
- **Ambient temperature range:** -10°C ... +55°C
- **Display:** Alarm LED

**Feature / Equipment**
- Fire algorithms for avoiding false alarms, automatic alarm threshold tracking
- According to EN 54-7, Connection to the BUS detector line input
- VdS certification no. G 209219

#### FAS interface-Module

**Application:** Module for the automatic control of the emergency open function via volt free contact of a fire alarm system.

**TECHNICAL DATA (Rated values)**

- **Operating voltage:** 24 V DC
- **Standby consumption:** <10 mA
- **Ambient temperature range:** 0 ... +40 °C
- **Housing:** w/o, equipped circuit board
- **Dimensions (WxHxD):** 27 x 19 x 13 mm
- **Connections:** Screw terminal 1.5 mm² (rigid wire)
- **FAS contact:** Normal open switch at alarm status

**Feature / Equipment:**
- For connection to detector line input of SHEV control units, with line monitoring between control unit and module
## ACCESSORIES / BUILT-IN DEVICES

### ORDER DATA

<table>
<thead>
<tr>
<th>Application</th>
<th>Part.-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive line end module</td>
<td>670052</td>
</tr>
</tbody>
</table>

**Application:** For installation in the last or only junction box for the line monitoring of drive line.

### TECHNICAL DATA (Rated values)

- **Measuring element:** Bimetal switch
- **Operating voltage:** 24 V DC (+/-5%)
- **Standby consumption:** <10 mA
- **Ambient temperature range:** 0 ... +70 °C
- **Housing:** w/o, equipped circuit board
- **Dimensions (WxHxD):** Ø56 x 77 mm
- **Connections:** 3 single cores
- **Protection rating:** IP20

### Feature/Equipment

- For connection into **drive line** of SHEV control units

### VERSIONS

<table>
<thead>
<tr>
<th>Connection in detector line</th>
<th>NO switch 70°C</th>
<th>533205</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection in drive line</td>
<td>NC switch 70°C</td>
<td>533200</td>
</tr>
</tbody>
</table>

### Heat sensitive fire detector

**Application:** Heat detector for the automatic control of the emergency open function of a SHEV group of a SHEV control unit.

### TECHNICAL DATA (Rated values)

- **Measuring element:** Bimetal switch with ceramic housing
- **Operating voltage:** 24 V DC
- **Contact type:** NC switch at 70°C
- **Contact load:** 48 V DC / 0,5 A
- **Standby current:** < 10 mA
- **Housing:** Surface mounting, plastic (ABS), white
- **Dimensions (WxHxD):** Ø56 x 77 mm
- **Connections:** Screw terminals 1,0 mm² (rigid wire)
- **Protection rating:** IP20

### Feature/Equipment

- With base for surface mounting

### Heat sensitive detector clip 70°C

**Application:** Heat detector for controlling of the emergency open function of a SHEV group, for connection in the drive line.

### TECHNICAL DATA (Rated values)

- **Measuring element:** Bimetal switch with ceramic housing
- **Operating voltage:** 24 V DC
- **Contact type:** NC switch at 70°C
- **Contact load:** 48 V DC / 0,5 A
- **Standby current:** < 10 mA

### Feature/Equipment

- No housing, connection in the **monitoring line of the drive output** of a SHEV control unit
### ACCESSORIES / POWER SUPPLIES

**ORDER DATA**

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>NT-DRAN120-5 – Power supply 230 V AC / 24 V DC, 5 A</th>
<th>680005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>Switching power supply for fixing on 35-mm mounting rail or external power supply of the ventilation modules LZA and LZH.</td>
<td></td>
</tr>
<tr>
<td><strong>TECHNICAL DATA</strong></td>
<td>230 V AC (195 – 253 V AC, 50/60 Hz)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power consumption max.: 322 W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output current: 5 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ambient temperature range: -5°C … + 40°C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing: for fixing on 35-mm mounting rail</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dimensions (WxHxD): 65 x 95 x 123 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Feature/Equipment**
- For installation in a control cabinet or comparable housing.

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>NT-DRA480-20 – Power supply 230 V AC / 24 V DC, 20 A</th>
<th>680024</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>Switch mode power supply for power supply and control of drives 24 V DC for daily ventilation, with one ventilation line. Control in the OPEN / CLOSE direction via the 230 V AC mains voltage.</td>
<td></td>
</tr>
<tr>
<td><strong>TECHNICAL DATA</strong></td>
<td>230 V AC (195 - 253 V AC, 50/60 Hz)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operating voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output current: 20 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ambient temperature range: -5°C … + 40°C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing: for fixing on 35-mm mounting rail</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dimensions (WxHxD): 125 x 176 x 124 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Feature/Equipment**
- For installation in a control cabinet or comparable housing.

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>NT-DRA240-10 – Power supply 230 V AC / 24 V DC, 10 A</th>
<th>680010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>Switch mode power supply for power supply and control of drives 24 V DC for daily ventilation, with one ventilation line. Control in the OPEN / CLOSE direction via the 230 V AC mains voltage.</td>
<td></td>
</tr>
<tr>
<td><strong>TECHNICAL DATA</strong></td>
<td>230 V AC (195 - 253 V AC, 50/60 Hz)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operating voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output current: 10 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ambient temperature range: -5°C … + 40°C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Housing: for fixing on 35-mm mounting rail</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dimensions (WxHxD): 125 x 84 x 124 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Feature/Equipment**
- For installation in a control cabinet or comparable housing.
ACCESSORIES / KEY / EMPTY HOUSING

ORDER DATA

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Application: External Power Supply NT-S-2 KS2/KSA - 230 V AC / 24 V DC factory installed in KS2 chain drive housing. For power supply and control of SKL3 flatscan and flat scan sensor.</td>
<td>680027</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA (Rated values)**
- Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)
- Record measurement: 30 W
- Output voltage: 24 V DC (20 – 28 V DC / 2 Vpp)
- Output current: 2,0 A
- Output: 1x drive line - 24 V DC / 2,0 A
- Connections: 24 V DC drive, up to max. 2,0 A
- Connection cable: 24 V DC continuous current, up to max. 0,2 A
- Housing: Aluminium natural anodized
- Dimensions (WxHxD): 41 x 26 x 230 mm
- Connection terminals: Screw terminals 1,0 mm² (rigid wire)
- Protection rating: IP 32

Feature / Equipment
- Factory installed in the housing of a KS2 chain drive.

HSE-Empty Housing - Break-glass unit

<table>
<thead>
<tr>
<th>Application: HSE-Empty Housing with lockable, glazed door - including key.</th>
</tr>
</thead>
</table>

**TECHNICAL DATA (Rated values)**
- Housing: Surface mounting, plastic (ABS)
- Dimensions (WxHxD): 130 x 130 x 32 mm

**VARIANTEN**

<table>
<thead>
<tr>
<th>HSE-Empty Housing red</th>
<th>(similar to RAL 3000)</th>
<th>528001</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSE-Empty Housing yellow</td>
<td>(similar to RAL 1018)</td>
<td>528002</td>
</tr>
<tr>
<td>HSE-Empty Housing grey</td>
<td>(similar to RAL 7035)</td>
<td>528003</td>
</tr>
<tr>
<td>HSE-Empty Housing blue</td>
<td>(similar to RAL 5015)</td>
<td>528004</td>
</tr>
<tr>
<td>HSE-Empty Housing orange</td>
<td>(similar to RAL 2011)</td>
<td>528009</td>
</tr>
</tbody>
</table>
ACCESSORIES / KEY / GLASS PANES

ORDER DATA

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Key for plastic Break-glass unit (HSE plastic button)</th>
</tr>
</thead>
<tbody>
<tr>
<td>527007</td>
<td><strong>Application:</strong> The plastic Break-glass units (HSE plastic button) have a lockable door. The key is used to open or close this door.</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA**

- **Function:** for plastic Break-glass unit (HSE plastic button)
- **Material:** Polyamid PA 6.6
- **Colour:** white
- **Key:** 1 piece

**Feature/Equipment**

- Suitable for all **Aumüller** plastic Break-glass unit (HSE plastic buttons)

---

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Key for aluminium Break-glass unit (HSE aluminium button)</th>
</tr>
</thead>
<tbody>
<tr>
<td>527008</td>
<td><strong>Application:</strong> The aluminium Break-glass units (HSE aluminium button) have a lockable door. The key is used to open or close this door.</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA**

- **Function:** for aluminium Break-glass unit (HSE aluminium button)
- **Material:** Metal
- **Type:** Schl-HM/10
- **Keys:** 10 pieces

**Feature/Equipment**

- Suitable for all **Aumüller** aluminium Break-glass unit (HSE aluminium buttons)

---

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Replacement glass panes for Break-glass unit (HSE button)</th>
</tr>
</thead>
<tbody>
<tr>
<td>527002</td>
<td><strong>Application:</strong> Panes of glass for replacement on site.</td>
</tr>
</tbody>
</table>

**TECHNICAL DATA**

- **Dimensions (W x H x D):** 80 x 80 x 0,7
- **Glass panes:** 10 pieces

**Feature/Equipment**

- Suitable for all **Aumüller** Break-glass unit (HSE buttons)
For this product series, a Type III Environmental Product Declaration (EPD) was issued according to ISO 14025 and EN 15804. The LCA results of the different product types are listed at the end of this product catalogue. The EPD documents can be viewed or downloaded from our homepage www.aumueller-gmbh.de.

### ORDER DATA

<table>
<thead>
<tr>
<th>Part.-No.</th>
<th>Circuit board for Break-glass unit ABS (HSE button ABS)</th>
</tr>
</thead>
</table>
| Application: | Circuit board for Break-glass unit (HSE button) - with logo „Ferralux“.
Can be exchanged on site - without subsequent processing. |

#### TECHNICAL DATA

- **Type:** Ferralux DIN99-1 A-Z /A-B-S, is equipped
- **Installation in an ABS housing**
- **Plastic**

#### VERSIONS

| with certification VdS | 528785 |
| without certification VdS | 528784 |

### ACCESSORIES / CIRCUIT BOARD

<table>
<thead>
<tr>
<th>Circuit board for Break-glass unit (HSE button)</th>
</tr>
</thead>
</table>
| Application: | Circuit board for Break-glass unit (HSE button) - with logo „Ferralux“.
Can be exchanged on site - without subsequent processing. |

#### TECHNICAL DATA

- **Type:** Ferralux DIN AL4 orange, is equipped
- **Installation in an aluminum housing**
- **Aluminium**

#### VERSIONS

| with VdS similar version | 528782 |
| without certification VdS | 528789 |