**D+H**

# RT 45 SHEV operation panel
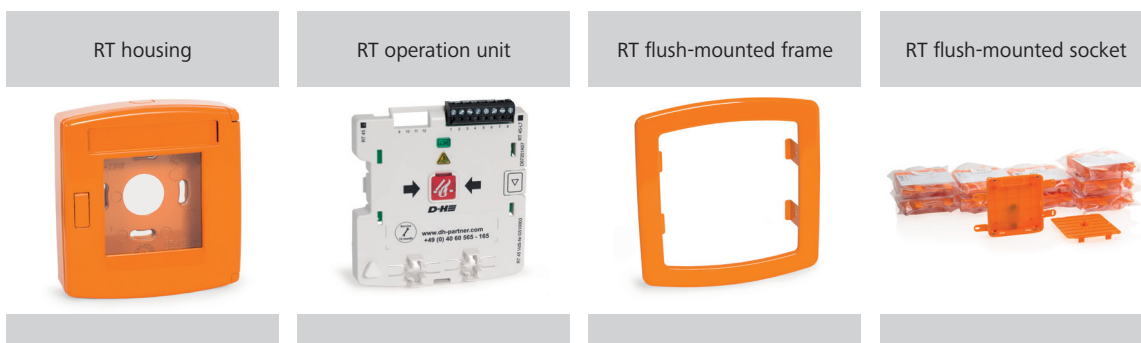
VdS

G 510003
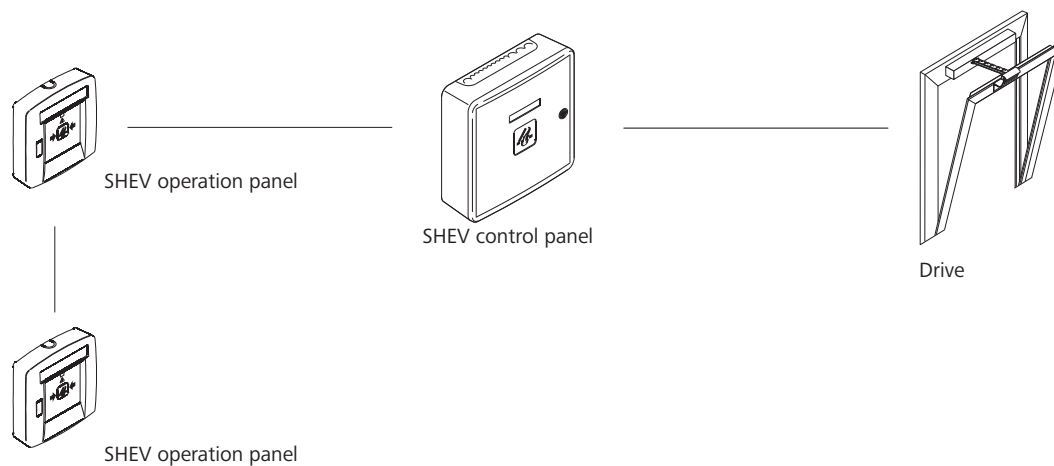
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## Performance features

» For 24 V DC D+H smoke vent control panels

» Can be used as main or auxiliary control panel

» For manually triggering a SHEV system in case of fire

» Function: SHEV OPEN, SHEV Reset

» Display: Operational standby, alarm triggered and fault

» Integrated ventilation button, optional

» Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages

» Available in 5 powder-coated colours

## Accessories

| RT housing | RT operation unit | RT flush-mounted frame | RT flush-mounted socket |
|---|---|---|---|

# Example of application



SHEV operation panel

SHEV control panel

Drive

SHEV operation panel

# Technical data

| | |
|---|---|
| Input voltage | 18 … 28 V DC |
| Type of protection | IP 40 |
| Temperature range | -5 °C ... +40 °C |
| Housing | Die-cast aluminium |
| W x H x D | 129 x 138 x 39 mm |
| Weight | 0.31 kg |

# Design

| Type | Art. No. | Colour | Remark |
|---|---|---|---|
| RT 45 | 65.403.23 | Orange  (~ RAL 2011) | Complete SHEV operation panel |
| RT 45/B | 65.403.26 | Blue  (~ RAL 5009) | Complete SHEV operation panel |
| RT 45/G | 65.403.24 | Grey (~ RAL 7035) | Complete SHEV operation panel |
| RT 45/R | 65.403.25 | Red  (~ RAL 3000) | Complete SHEV operation panel |
| RT 45/Y | 65.403.27 | Yellow  (~ RAL 1004) | Complete SHEV operation panel |

D+H

# RT 45-LT SHEV operation panel



**VdS**

G 510003

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## Performance features

» For 24 V DC D+H smoke vent control panels

» Can be used as main or auxiliary control panel

» For manually triggering a SHEV system in case of fire

» Modular design for individual versions

» Available in 5 powder-coated colours

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT GEH02-ALU | 65.403.33 | **RT housing** | | Housing | Die-cast aluminium |
| | | » Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages | | Colour | Orange (~ RAL 2011) |
| | | | | W x H x D | 129 x 138 x 39 mm |
| | | | | Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT GEH02-ALU/B | 65.403.36 | **RT housing** | | Housing | Die-cast aluminium |
| | | » Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages | | Colour | Blue (~ RAL 5009) |
| | | | | W x H x D | 129 x 138 x 39 mm |
| | | | | Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT GEH02-ALU/G | 65.403.34 | **RT housing** | | Housing | Die-cast aluminium |
| | | » Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages | | Colour | Grey (~ RAL 7035) |
| | | | | W x H x D | 129 x 138 x 39 mm |
| | | | | Weight | 0.26 kg |

**D+H**

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT GEH02-ALU/R | 65.403.35 | **RT housing** | | | |

» Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages

| Housing | Die-cast aluminium |
|---------|--------------------|
| Colour | Red  (~ RAL 3000) |
| W x H x D | 129 x 138 x 39 mm |
| Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT GEH02-ALU/Y | 65.403.37 | **RT housing** | | | |

» Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages

| Housing | Die-cast aluminium |
|---------|--------------------|
| Colour | Yellow  (~ RAL 1004) |
| W x H x D | 129 x 138 x 39 mm |
| Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT GEH02-LT-ALU | 65.403.38 | **RT housing** | | | |

» Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages

» With cut-out for ventilation button operation unit

| Housing | Die-cast aluminium |
|---------|--------------------|
| Colour | Orange  (~ RAL 2011) |
| W x H x D | 129 x 138 x 39 mm |
| Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT GEH02-LT-ALU/B | 65.403.41 | **RT housing** | | | |
| | | » Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages | | Housing | Die-cast aluminium |
| | | | | Colour | Blue (~ RAL 5009) |
| | | | | W x H x D | 129 x 138 x 39 mm |
| | | » With cut-out for ventilation button operation unit | | Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT GEH02-LT-ALU/G | 65.403.39 | **RT housing** | | | |
| | | » Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages | | Housing | Die-cast aluminium |
| | | | | Colour | Grey (~ RAL 7035) |
| | | | | W x H x D | 129 x 138 x 39 mm |
| | | » With cut-out for ventilation button operation unit | | Weight | 0.26 kg |

| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT GEH02-LT-ALU/R | 65.403.40 | **RT housing** | | | |
| | | » Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages | | Housing | Die-cast aluminium |
| | | | | Colour | Red (~ RAL 3000) |
| | | | | W x H x D | 129 x 138 x 39 mm |
| | | » With cut-out for ventilation button operation unit | | Weight | 0.26 kg |

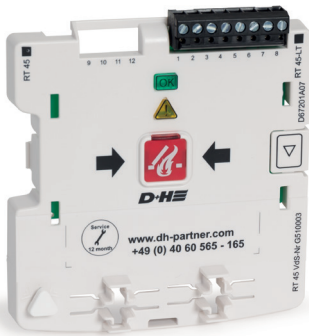| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT GEH02-LT-ALU/Y | 65.403.42 | **RT housing** | | | |

**RT housing**

» Lockable surface-mounted aluminium die-cast housing with break-type glass, keys and designation labels in 32 languages

» With cut-out for ventilation button operation unit

| Technical data | |
|---|---|
| Housing | Die-cast aluminium |
| Colour | Yellow (~ RAL 1004) |
| W x H x D | 129 x 138 x 39 mm |
| Weight | 0.26 kg |

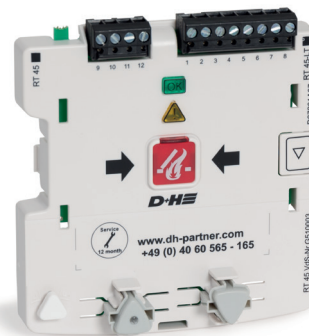| Type | Art. No. | Description | Technical data |
|---|---|---|---|
| RT BE45-1 | 66.103.04 | **RT operation unit** | |

**RT operation unit**

» Can be used as main or auxiliary control panel

» Function: SHEV OPEN, SHEV Reset

» Display: Operational standby, alarm triggered and fault

| Technical data | |
|---|---|
| Input voltage | 18 … 28 V DC |
| Temperature range | -5 °C ... +40 °C |
| W x H | 105 x 115 mm |
| Weight | 0.05 kg |

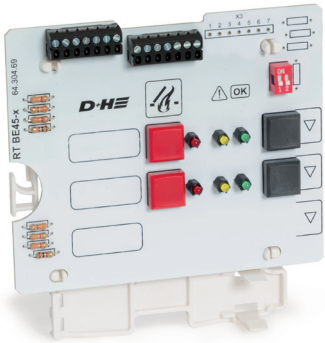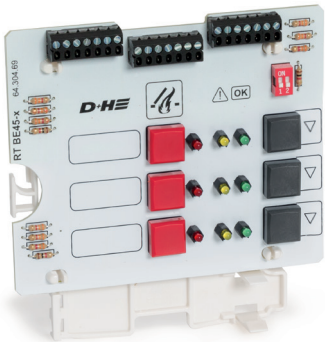| Type | Art. No. | Description | Technical data |
|---|---|---|---|
| RT BE45-1-LT | 66.103.05 | **RT operation unit with ventilation button** | |

**RT operation unit with ventilation button**

» Can be used as main or auxiliary control panel

» Function: SHEV OPEN, SHEV Reset

» Function: Ventilation OPEN, Ventilation CLOSED

» Display: Operational standby, alarm triggered, fault and ventilation ON

| Technical data | |
|---|---|
| Input voltage | 18 … 28 V DC |
| Temperature range | -5 °C ... +40 °C |
| W x H | 105 x 115 mm |
| Weight | 0.05 kg |

| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT BE45-2 | 30.451.60 | **RT operation unit** | | | |
| | | » For SHEV triggering 2 separate fire/smoke compartments | | Input voltage | 18 … 28 V DC |
| | | | | Temperature range | -5 °C ... +40 °C |
| | | » Common earth can be disconnected via DIP switch | | W x H | 105 x 115 mm |
| | | | | Weight | 0.08 kg |
| | | » Functions per SHEV area: OPEN / CLOSED (sealed CLOSED button) | | | |
| | | » Displays per SHEV area: Alarm, inspection and fault indication | | | |

| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT BE45-3 | 30.451.70 | **RT operation unit** | | | |
| | | » For SHEV triggering 3 separate fire/smoke compartments | | Input voltage | 18 … 28 V DC |
| | | | | Temperature range | -5 °C ... +40 °C |
| | | » Common earth can be disconnected via DIP switch | | W x H | 105 x 115 mm |
| | | | | Weight | 0.08 kg |
| | | » Functions per SHEV area: OPEN / CLOSED (sealed CLOSED button) | | | |
| | | » Displays per SHEV area: Alarm, inspection and fault indication | | | |

| Type | Art. No. | Description | | Technical data | |
|---|---|---|---|---|---|
| RT BE42-ST | 30.435.12 | **RT operation unit** | | | |
| | | » Acoustic signal operational standby ON / OFF | | Input voltage | 18 … 28 V DC |
| | | | | Loudness | 75 dB |
| | | » Function: SHEV OPEN, SHEV Reset | | Temperature range | -5 °C ... +40 °C |
| | | » Display: Operational standby, alarm triggered and fault | | W x H | 105 x 115 mm |
| | | | | Weight | 0.09 kg |
| | | » Indicator diode blinks for SHEV alarm if acoustic signal is not operational | | | |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT BE42-Z | 30.435.62 | **RT operation unit** | | | |

» Can be used only in conjunction with standard SHEV operation panel and UM 41 transfer module

» For 2-wire cables

» Function: SHEV OPEN

» Display: Operational standby and alarm triggered

» With indicator

| Technical data | |
|----------------|--|
| Input voltage | 18 … 28 V DC |
| Temperature range | -5 °C … +40 °C |
| W x H | 105 x 115 mm |
| Weight | 0.05 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT BE42-Z-K | 30.435.64 | **RT operation unit** | | | |

» Can be used only in conjunction with standard SHEV operation panel and UM 41 transfer module

» For 2-wire cables

» Function: SHEV OPEN

» Display: Operational standby and alarm triggered

» Without indicator

| Technical data | |
|----------------|--|
| Input voltage | 18 … 28 V DC |
| Temperature range | -5 °C … +40 °C |
| W x H | 105 x 115 |
| Weight | 0.05 kg |

| Type | Art. No. | Description | | Description | |
|------|----------|-------------|--|-------------|--|
| RT LT45 | 66.103.06 | **RT ventilation button operation unit** | | | |

» Function: Ventilation OPEN, Ventilation CLOSED

| Description | |
|-------------|--|
| W x H | 88 x 25 mm |
| Weight | 0.02 kg |

| Type | Art. No. | Description | Technical data | |
|---|---|---|---|---|
| RT UPR 02 | 68.104.43 | **RT flush-mounted frame** | | |
| | | » Cover frames for flush-mounted installation of the RT 45/-LT | Material | Aluminium |
| | | | Colour | Orange (~ RAL 2011) |
| | | | W x H | 170 x 180 mm |
| | | | Weight | 0.13 kg |

| Type | Art. No. | Description | Technical data | |
|---|---|---|---|---|
| RT UPR 02/A | 68.104.52 | **RT flush-mounted frame** | | |
| | | » Cover frames for flush-mounted installation of the RT 45/-LT | Material | Aluminium |
| | | | Colour | Silver |
| | | | W x H | 170 x 180 mm |
| | | | Weight | 0.13 kg |

| Type | Art. No. | Description | Technical data | |
|---|---|---|---|---|
| RT UPR 02/B | 68.104.46 | **RT flush-mounted frame** | | |
| | | » Cover frames for flush-mounted installation of the RT 45/-LT | Material | Aluminium |
| | | | Colour | Blue (~ RAL 5009) |
| | | | W x H | 170 x 180 mm |
| | | | Weight | 0.13 kg |

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| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT UPR 02/G | 68.104.44 | **RT flush-mounted frame**<br>» Cover frames for flush-mounted installation of the RT 45/-LT | | | |
| | | | | Material | Aluminium |
| | | | | Colour | Grey (~ RAL 7035) |
| | | | | W x H | 170 x 180 mm |
| | | | | Weight | 0.13 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT UPR 02/R | 68.104.45 | **RT flush-mounted frame**<br>» Cover frames for flush-mounted installation of the RT 45/-LT | | | |
| | | | | Material | Aluminium |
| | | | | Colour | Red  (~ RAL 3000) |
| | | | | W x H | 170 x 180 mm |
| | | | | Weight | 0.13 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT UPR 02/Y | 68.104.47 | **RT flush-mounted frame**<br>» Cover frames for flush-mounted installation of the RT 45/-LT | | | |
| | | | | Material | Aluminium |
| | | | | Colour | Yellow  (~ RAL 1004) |
| | | | | W x H | 170 x 180 mm |
| | | | | Weight | 0.13 kg |

| Type | Art. No. | Description | | Technical data | |
|------|----------|-------------|--|----------------|--|
| RT UPD 02 | 66.103.77 | **RT flush-mounted socket** | | | |

**RT flush-mounted socket**

» For flush-mounted installation of a RT 45/-LT in hollow, stone and concrete walls

| Material | Plastic |
|----------|---------|
| Colour | Orange |
| W x H x D | 220 x 155 x 50 mm |
| Weight | 0.12 kg |