



## HHSNH63-BL-RT

- hygienic design
- with or without mounting plate
- lockable with a lock

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
| Product type description      | HHSNH63-BL-RT |
| Article number (order number) | 103044299     |
| EAN (European Article Number) | 4030661618005 |
| eCl@ss number, version 12.0   | 27-37-14-03   |
| eCl@ss number, version 11.0   | 27-37-14-03   |
| eCl@ss number, version 9.0    | 27-37-14-03   |
| ETIM number, version 7.0      | EC000216      |
| ETIM number, version 6.0      | EC000216      |

### Approvals - Standards

|              |                |
|--------------|----------------|
| Certificates | hygiene tested |
|--------------|----------------|

### General data

|           |                                                                                              |
|-----------|----------------------------------------------------------------------------------------------|
| Standards | EN IEC 60947-5-1<br>EN IEC 60204-1<br>DIN EN 1672-2<br>ANSI/UL 60947-1<br>ANSI/UL 60947-4-1A |
|-----------|----------------------------------------------------------------------------------------------|

|                                    |                         |
|------------------------------------|-------------------------|
| Versions                           | Main switches 63A       |
| Design                             | Large marking plate     |
| Toggle                             | long                    |
| Sealing type                       | Membrane<br>Lip gaskets |
| Material of the operators          | Plastic                 |
| Material of the front ring         | stainless steel         |
| Colour of the operating element    | Red                     |
| Colour of the identification plate | Yellow                  |
| Colour of the bracket              | Silver                  |
| Colour of the Contact element      | Black                   |
| Colour of the front ring           | Silver                  |
| Colour of the bellows              | Blue                    |
| Gross weight                       | 220 g                   |

### General data - Features

|                            |     |
|----------------------------|-----|
| Latching                   | Yes |
| Number of switch positions | 1   |
| Number of main contacts    | 3   |

### Mechanical data

|                                    |                    |
|------------------------------------|--------------------|
| Latching position                  | right              |
| Mechanical life, minimum           | 100,000 Operations |
| Switching angle, right             | 90 °               |
| Mounting                           | central nut        |
| Tightening torque of nuts, maximum | 4 Nm               |
| Mounting position main contacts    | 0°                 |

### Mechanical data - Connection technique

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Termination                | Screw terminals                                   |
| Cable section, minimum     | 4 mm², flexible<br>6 mm², rigid                   |
| Cable section, maximum     | 25 mm², rigid<br>16 mm², flexible                 |
| Note                       | All indications including the conductor ferrules. |
| Wire cross-section         | 4 AWG                                             |
| Tightening torque of Clips | 2.5 Nm                                            |

## Mechanical data - Dimensions

|                                        |                                                    |
|----------------------------------------|----------------------------------------------------|
| Length                                 | 72 mm                                              |
| Mounting height                        | 32 mm                                              |
| Note (Mounting height)                 | Height in front of the front panel.                |
| Mounting depth                         | 78 mm                                              |
| Note (Mounting depth)                  | Depth behind front panel including switching block |
| Length x Width x Height                | Diameter Ø: 49 mm                                  |
| diameters for the actuating heads      | 45 mm                                              |
| Length of the handle                   | 52.5 mm                                            |
| Mounting diameter                      | 22.3 mm                                            |
| Thickness, of the front panel, minimum | 1.5 mm                                             |
| Thickness of the front panel, maximum  | 6 mm                                               |
| Note                                   | Diameter backing plate 100 mm                      |

## Ambient conditions

|                      |               |
|----------------------|---------------|
| Degree of protection | IP67<br>IP69K |
| Ambient temperature  | +0 ... +80 °C |

## Ambient conditions - Insulation values

|                                 |      |
|---------------------------------|------|
| Rated impulse withstand voltage | 6 kV |
| U <sub>imp</sub>                |      |

## Electrical data

|                           |             |
|---------------------------|-------------|
| Thermal test current      | 63 A        |
| Rated operating voltage   | 690 VAC     |
| Switching capacity, AC-3  | 22,000 W    |
| Switching capacity, AC-23 | 22,000 W    |
| Switching principle       | Slow action |

## Other data

|                     |                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note (applications) | Main switch as emergency stop version with red toggle and yellow plate<br>Disconnect Switch, Product line B200, Type series B263, 3 pole ON-OFF switch, Front mounting switch |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Scope of delivery

|                                           |                                                                                                                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Note (scope of delivery, number and type) | Contact carrier SMF-SG is included in delivery<br>without mounting plate, d, if applicable, with backing plate |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------|

## Pictures

### Product picture (catalogue individual photo)



ID: khhs-f15  
| 216.6 kB | .jpg | 352.778 x 352.778 mm - 1000 x 1000 px - 72 dpi  
| 28.7 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi  
| 47.0 kB | .jpg | 123.472 x 123.472 mm - 350 x 350 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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