



## HHSNH16-BL-RT-2-POL

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

### Data

#### Ordering data

Product type description	HHSNH16-BL-RT-2-POL
Article number (order number)	103044289
EAN (European Article Number)	4030661617947
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
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#### General data

Standards	EN IEC 60947-5-1 EN IEC 60204-1 DIN EN 1672-2 ANSI/UL 60947-1 ANSI/UL 60947-4-1A
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Versions	Front plate mounting Main switch 16A
Design	Round Small marking plate Large marking plate
Toggle	long
Sealing type	Membrane 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 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	2

### Mechanical data

Latching position	right
Mechanical life, minimum	1,000,000 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
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Cable section, minimum	1 mm <sup>2</sup> , rigid 1 mm <sup>2</sup> , flexible
Cable section, maximum	2.5 mm <sup>2</sup> , rigid 2.5 mm <sup>2</sup> , flexible
Note	All indications including the conductor ferrules.
Wire cross-section	12 AWG
Tightening torque of Clips	2.5 Nm

## Mechanical data - Dimensions

Width	100 mm 70 mm
Mounting height	32 mm
Note (Mounting height)	Height in front of the front panel.
Mounting depth	58 mm
Note (Mounting depth)	Depth behind front panel including cam switch
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	Size backing plate 70 mm x 80 mm

## Ambient conditions

Degree of protection	IP67 IP69K
Ambient temperature	+0 ... +80 °C

## Ambient conditions - Insulation values

Rated impulse withstand voltage $U_{imp}$	4 kV
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## Electrical data

Thermal test current	20 A
Rated operating voltage	690 VAC
Required rated short-circuit current	10,000 A
Switching capacity, AC-3	5,500 W
Switching capacity, AC-23	7,500 W
Switching principle	Slow action

**Other data**

Note (applications)	Main switch as emergency stop version with red toggle and yellow plate Rotary Cam Switch, Product line M200, Type series M220, Front mounting switch
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**Scope of delivery**

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

**Product picture (catalogue individual photo)**



ID: khhs-f05  
| 165.2 kB | .jpg | 352.778 x 352.778 mm - 1000 x 1000 px - 72 dpi  
| 21.4 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi  
| 36.2 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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