



HHSNH16-BL-RT-2-POL-MP

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

Data

Ordering data

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|-------------------------------|------------------------|
| Product type description | HHSNH16-BL-RT-2-POL-MP |
| Article number (order number) | 103044290 |
| EAN (European Article Number) | 4030661617954 |
| 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

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| Certificates | hygiene tested |
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General data

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| 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 | Square Large marking plate |
| Note (Installation condition) | Recess for assembly 90 mm x 90 mm |
| 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

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| Latching | Yes |
| Number of switch positions | 1 |
| Number of main contacts | 2 |

Mechanical data

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|------------------------------------|----------------------|
| Latching position | right |
| Mechanical life, minimum | 1,000,000 Operations |
| Switching angle, right | 90 ° |
| Mounting | central nut |
| Tightening torque of the screw | 2 Nm |
| Tightening torque of nuts, maximum | 4 Nm |
| Mounting position main contacts | 0° |

Mechanical data - Connection technique

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| Termination | Screw terminals |
| Cable section, minimum | 1 mm ² , rigid 1 mm ² , flexible |
| Cable section, maximum | 2.5 mm ² , rigid 2.5 mm ² , flexible |
| Note | All indications including the conductor ferrules. |
| Wire cross-section | 12 AWG |
| Tightening torque of Clips | 2.5 Nm |

Mechanical data - Dimensions

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| Width | 110 mm |
| Mounting height | 37 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 mounting plate 110 mm x 110 mm |

Ambient conditions

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

Ambient conditions - Insulation values

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| Rated impulse withstand voltage U _{imp} | 4 kV |
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Electrical data

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| 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

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| 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

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| Note (scope of delivery, number and type) | Contact carrier SMF-SG is included in delivery with mounting plate and, if applicable, yellow backing plate |
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Pictures

Product picture (catalogue individual photo)



ID: khhs-f06

| 234.2 kB | .jpg | 352.778 x 352.778 mm - 1000 x 1000 px - 72 dpi

| 29.0 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi

| 51.4 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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