

NHS40

- **for application in food producing machinery**

Data

Ordering data	
Product type description	NHS40
Article number (order number)	101185098
EAN (European Article Number)	4030661487854
eCl@ss number, Version 9.0	27-37-14-03
Certifications	
Certificates	IPA
General data	
Product name	NHS - Main switch
Standards	IEC 60947
Versions	Toggle
Sealing type	Membrane Lip gaskets
Material of the identification label	Stainless steel (V4A)
Material of the bracket	Stainless steel (V4A)
Material of the operators	ABS
Material of the mounting plate	Stainless steel (V4A)
Material of the front ring	ABS, chrome-plated
Colour of the identification plate	Silver
Colour of the bracket	Silver
Colour of the front ring	Silver
Colour of the mounting plate	Silver
Colour of the handle	Grey
Gross weight	650 g

General data - Features	
Latching	Yes
Fully insulated	Yes
Number of switch positions	2
Mechanical data	
Unlocking	Rotating unlatcher
Mounting	mounting flange
Mechanical life, minimum	1,000,000 Operations
switching angle	90 °
Tightening torque of the screw	0.6 Nm
Mechanical data - Connection technique	
Terminal Connector	Screw connection
Cable section, minimum	1 mm², rigid 0.75 mm², flexible
Cable section, maximum	10 mm², rigid 6 mm², flexible
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Mechanical data - Dimensions	
Width	40 mm
Height	29 mm
Length	72 mm
Mounting depth	85 mm
Length x Width x Height	Grid dimensions: 110 mm x 110 mm Dimensions of the mounting plate: 110 mm x 110 mm
Diameter of the front ring	44.5 mm
Length of the handle	52 mm
Diameter of the knob	39 mm
Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22.3 + 0.4 mm
Thickness, of the front panel, minimum	1.5 mm
Thickness of the front panel, maximum	6 mm
Ambient conditions	
Protection class	IP67 IP69K
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+80 °C

Electrical data

Thermal test current	40 A
Rated operating voltage	690 V
Switching capacity, AC-3	11,000 W
Switching capacity, AC-23	15,000 W

Documents

Operating instructions and Declaration of conformity

(1,3 MB, 10.05.2019, Revision B)

BG-test certificate

(286,7 kB, 28.04.2020)

IPA Data

(242,8 kB, 10.05.2019, Revision A)

Brochure

(8,7 MB, 10.05.2019, Revision 03)

Pictures

Product picture (catalogue individual photo)



ID: knhs-f06

| 491,5 kB | .jpg | 352.425 x 356.658 mm - 999 x 1011 Pixel - 72 dpi
| 40,5 kB | .png | 73.731 x 74.789 mm - 209 x 212 Pixel - 72 dpi
| 65,3 kB | .jpg | 27.009 x 27.347 mm - 319 x 323 Pixel - 300 dpi

Product picture (catalogue individual photo)



ID: knhs-f09

| 91,9 kB | .jpg | 27.093 x 38.1 mm - 320 x 450 Pixel - 300 dpi
| 58,5 kB | .png | 74.083 x 104.069 mm - 210 x 295 Pixel - 72 dpi
| 805,5 kB | .jpg | 352.778 x 496.711 mm - 1000 x 1408 Pixel - 72 dpi

Product picture (catalogue individual photo)



ID: knhs-f02

| 714,9 kB | .jpg | 352.778 x 352.778 mm - 1000 x 1000 Pixel - 72 dpi
| 51,5 kB | .png | 74.083 x 74.083 mm - 210 x 210 Pixel - 72 dpi
| 81,3 kB | .jpg | 27.093 x 27.093 mm - 320 x 320 Pixel - 300 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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