

NHS16/2-POL

- **for application in food producing machinery**

Data

Ordering data	
Product type description	NHS16/2-POLIG
Article number (order number)	101204196
EAN (European Article Number)	4030661487847
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	200 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 1 mm², flexible
Cable section, maximum	2.5 mm², rigid 2.5 mm², flexible
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Mechanical data - Dimensions	
Width	50 mm
Height	29 mm
Length	72 mm
Mounting depth	75 mm
Length x Width x Height	Dimensions of the mounting plate: 70 mm x 80 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
Spacing	70 x 80 mm
Ambient conditions	
Protection class	IP67 IP69K
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+80 °C

Electrical data

Thermal test current	20 A
Rated operating voltage	690 V
Switching capacity, AC-3	5,500 W
Switching capacity, AC-23	7,500 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-f01

| 63,2 kB | .png | 74.083 x 88.547 mm - 210 x 251 Pixel - 72 dpi
| 651,8 kB | .jpg | 352.778 x 421.922 mm - 1000 x 1196 Pixel - 72 dpi
| 90,7 kB | .jpg | 27.009 x 32.343 mm - 319 x 382 Pixel - 300 dpi

Product picture (catalogue individual photo)



ID: knhs-f07

| 564,6 kB | .jpg | 352.425 x 434.622 mm - 999 x 1232 Pixel - 72 dpi
| 53,5 kB | .png | 73.731 x 91.017 mm - 209 x 258 Pixel - 72 dpi
| 84,6 kB | .jpg | 27.093 x 33.359 mm - 320 x 394 Pixel - 300 dpi

Product picture (catalogue individual photo)



ID: knhs-f08

| 78,0 kB | .png | 74.083 x 137.583 mm - 210 x 390 Pixel - 72 dpi
| 844,1 kB | .jpg | 352.778 x 656.519 mm - 1000 x 1861 Pixel - 72 dpi
| 111,7 kB | .jpg | 27.093 x 50.377 mm - 320 x 595 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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