



NHSNH63

- for application in food producing machinery

Data

Ordering data

Product type description	NHSNH63
Article number (order number)	101184919
EAN (European Article Number)	4030661532882
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	Yellow
Colour of the bracket	Silver
Colour of the front ring	Silver
Colour of the mounting plate	Silver
Colour of the handle	Red
Gross weight	700 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	4 mm ² , rigid 2.5 mm ² , flexible
Cable section, maximum	16 mm ² , rigid 10 mm ² , flexible
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Width	48 mm
Height	29 mm
Length	48 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	63 A
Rated operating voltage	690 V
Switching capacity, AC-3	22,000 W
Switching capacity, AC-23	22,000 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)



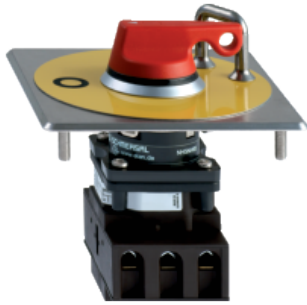
ID: knhs-f04

| 83,5 kB | .jpg | 27.093 x 27.093 mm - 320 x 320 Pixel
- 300 dpi

| 48,3 kB | .png | 74.083 x 74.083 mm - 210 x 210
Pixel - 72 dpi

| 628,9 kB | .jpg | 352.778 x 352.778 mm - 1000 x
1000 Pixel - 72 dpi

Product picture (catalogue individual photo)



ID: knhs-f05

| 70,8 kB | .jpg | 27.009 x 27.347 mm - 319 x 323 Pixel
- 300 dpi

| 506,1 kB | .jpg | 352.425 x 356.658 mm - 999 x 1011
Pixel - 72 dpi

| 40,3 kB | .png | 73.731 x 74.789 mm - 209 x 212
Pixel - 72 dpi

Product picture (catalogue individual photo)



ID: knhs-f03

| 710,1 kB | .jpg | 352.778 x 496.711 mm - 1000 x
1408 Pixel - 72 dpi

| 94,6 kB | .jpg | 27.093 x 38.1 mm - 320 x 450 Pixel -
300 dpi

| 54,1 kB | .png | 74.083 x 104.069 mm - 210 x 295
Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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.

Generated on 23.06.2020 12:38:47