



NHSNH40

- for application in food producing machinery

Data

Ordering data

Product type description	NHSNH40
Article number (order number)	101185097
EAN (European Article Number)	4030661476889
eCl@ss number, version 9.0	27-37-14-03
eCl@ss number, version 11.0	27-37-14-03
eCl@ss number, version 12.0	27-37-14-03
ETIM number, version 7.0	EC000216
ETIM number, version 6.0	EC000216

Approvals - Standards

Certificates	BG IPA
--------------	-----------

General data

Standards	EN IEC 62061 EN IEC 60947-5-1 EN IEC 60947-5-3 EN IEC 60947-5-5 EN IEC 60204-1 EN IEC 60947-1
Versions	Toggle Main switch - Front plate mounting
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	650 g

General data - Features

Latching	Yes
Fully insulated	Yes
Number of switch positions	2

Mechanical data

Unlocking	Rotating unlatcher
Mechanical life, minimum	1,000,000 Operations
switching angle	90 °
Mounting	mounting flange
Tightening torque of the screw	0.6 Nm

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
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 including the conductor ferrules.

Mechanical data - Dimensions

Length	48 mm
Width	48 mm
Height	29 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

Degree of protection	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
---------------------------	----------

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 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: 26/08/2022, 08:56