

## Datasheet - NHSNH40

Command and signalling devices / Push buttons and pilot lights - "N" Program / NHS - Main switch



- for application in food producing machinery



(Minor differences between the printed image and the original product may exist!)

### Ordering details

Product type description	NHSNH40
Article number	101185097
EAN code	

### Approval

Approval



### Global Properties

Product name	NHS - Hauptschalter
Standards	IEC 60947
Compliance with the Directives (Y/N)	Yes
Mounting	mounting flange
Materials	
- Material of the operators	ABS
- Material of the front ring	ABS, Chromium-plated
- Material of the mounting plate	Stainless steel (V4A)
- Material of the identification plate	Stainless steel (V4A)
- Material of the bracket	Stainless steel (V4A)

Design	Main switch - Front plate mounting
Colour of the handle	■ red
Colour of the front ring	■ Silver
Weight	650 g
Manner of using	Toggle
Can be illuminated (Y/N)	No
Colour of the identification plate	■ yellow
Colour of the mounting plate	■ Silver
Colour of the bracket	■ Silver
Protection against accidental contact	DIN EN 50274 (DIN VDE 0660-514)

## Mechanical data

---

Connection type	Screw connection
Cable section	
- Min. Cable section	4 mm <sup>2</sup> , rigid 2.5 mm <sup>2</sup> , flexible
- Max. Cable section	16 mm <sup>2</sup> , rigid 10 mm <sup>2</sup> , flexible
Mechanical life	> 1.000.000 operations
Number of switch positions	2 piece
Latching (Y/N)	Yes
Unlocking type	Rotating unlatcher
Probing possible (Y/N)	No
switching angle	90°
Front plate thickness	
- min. front plate thickness	1.5 mm
- max. front plate thickness	6 mm
Tightening torque for fixing screws	0,6 Nm
notice	All indications about the cable section are including the conductor ferrules.

## Ambient conditions

---

Ambient temperature	
- Min. environmental temperature	0 °C
- Max. environmental temperature	+80 °C
Storage and transport temperature	
- Min. Storage and transport temperature	-
- Max. Storage and transport temperature	-
Fully insulated (Y/N)	Yes
Sealing type	membrane, lip seal
Protection type IP	IP67, IP69K

## Electrical data

---

Switching capacity	AC-23: 15 kW AC-3: 11 kW
Rated operating voltage U <sub>e</sub>	690 V
Thermal test current I <sub>the</sub>	40 A

## Dimensions

---

Dimensions	
- Width	48 mm
- Height	29 mm

- Length	48 mm
Mounting depth	85 mm
Length of the handle	52 mm
- Diameter of the front ring	44.5 mm
- Diameter of the knob	Ø 39 mm
- Hole, diameter	22.3 mm + 0,4 mm
Spacing	110 mm x 110 mm
Dimensions of the mounting plate	110 mm x 110 mm

## Images

---



Product photo

---



Product photo

---

K.A. Schmersal GmbH, Möddinghofe 30, D-42279 Wuppertal  
 The data and values have been checked thoroughly. Technical modifications and errors excepted.  
 Generiert am 24.10.2012 - 16:10:37h Kasbase 2.2.2 DBII



Image  
et=sS  
e