


NDP50BL
Data
Ordering data

	NDP50BL
	101163570
EAN (European Article Number)	4250116200139
eCl@ss number, Version 9.0	27-37-12-10

Approval - Standards

cULus
 CCC
 IPA

General data

Product name	NDP - Mushroom button EN 60947-5-1 IEC/EN 60947-1
Versions	round Push button
Design	Round
Sealing type	Membrane Lip gaskets
Material of the operators	ABS
Material of the front ring	ABS, chrome-plated
Material of the bellows	Silicone
Colour of the operating element	Blue
Colour of the front ring	Silver
Colour of the bellows	White
Gross weight	50 g

General data - Features

Mounting flange	Yes
Fully insulated	Yes

Mechanical data

Mounting	Mounting flange EFM
Actuating stroke	5 mm
Tightening torque of the screw	0.6 Nm

Mechanical data - Dimensions

Height	45 mm
diameters for the actuating heads	50 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	50 x 50 mm

Ambient conditions

	IP67
	IP69K
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °C

Ordering code

Product type description:

-	
(1)DT(8)(2)	Pushbutton
(1)DM(2)	Pushbutton with diaphragm for dust protection
(1)DL(8)(2)	Illuminated pushbutton
(1)DLM(2)	Illuminated pushbutton with diaphragm for dust protection
(1)ML(2)	Indicator light with flat collar
(1)MLH(2)	Indicator light with high collar
(1)DP(3)(8)(2)	Mushroom head impact button without latching
(1)DTP(3)(8)(2)	Mushroom head impact button without latching (only N-programm)
(1)DLP(3)(8)(2)	Mushroom head impact button illuminated, without latching (only N programme)
(1)DRR(3)(8)(2)	Mushroom head impact button with latching, unlock by turning and pulling (pulling only in N programme)
(1)DRZ(3)(8)(2)	Mushroom head impact button with latching, unlock by pulling
(1)WS21(4)(5)	Selector switch with 2 positions:

(1)WT21(4)(5)	Selector switch with 1 momentary position
(1)WS32(4)(5)	Selector switch with 3 maintained positions
(1)WT32(4)(5)	Wahlschalter mit 2 Taststellungen
(1)WST32(4)(5)	Selector switch: switching, latching
(1)WTS32(4)(5)	Selector switch: latching, switching
(1)SS21S(4)(5)	Key-operated selector switch with 2 maintained positions
(1)ST21S(4)(5)	Key-operated selector switch with 1 momentary position
(1)SS32S(4)(5)	Key-operated selector switch with 3 maintained positions
(1)ST32S(4)(5)	Key-operated selector switch with 2 momentary positions, left and right
(1)SST32S(4)(5)	Key-operated selector switch: switching, latching
(1)STS32S(4)(5)	Key-operated selector switch: latching, switching
NB, MBN, BN	Blanking plug

(1)

- Command and signalling devices:

E "E" program

N "N" program

R "R" program

(2)

- Colour of button surface:

SW Black

GB Grey

(3)

- Head diameter of mushroom head impact button 30 mm:

30 30 mm

35 35 mm

40 40 mm

42 42 mm

45 45 mm

50 50 mm

55 55 mm

70 70 mm

(4)

- Toggle length in mm:

without Short toggle

.1 Long toggle

(5)

- Colour of toggle:

without Grey

(6)

- Key-withdrawal position (3 positions):

- 1 Position left
- 2 Position middle
- 3 Position right

(7)

- **Key-withdrawal position (2 positions):**

- 1 Position left
- 2 Position right

(8)

- **Colour of diaphragm (only N programme):**

without Black

Pictures

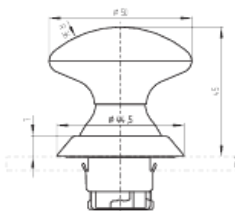
Photo/Product/Catalogue



ID: kndp-f04

| 48,1 kB | .png | 74.083 x 92.075 mm - 210 x 261
Pixel - 72 dpi
| 609,5 kB | .jpg | 352.778 x 438.503 mm - 1000 x
1243 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1ndp-g01

| 3,7 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi
| 70,6 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi
| 35,4 kB | .cdr |

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 242021-01-31T13:17:24+01:000101Europe/BerlinSun, 31 Jan 2021 13:17:24

+010024pmSunday.31pm31Europe/BerlinCET1701Europe/BerlinJanuary2021Sun, 31 Jan 2021 13:17:24

+010001pm31