

## Datasheet - BDF 100-NHK-G-ST

Control panels / BDF100



- Thermoplastic enclosure
- slender shock-proof enclosure
- to be fitted to commercial-off-the-shelf aluminium profiles
- to be installed at an ergonomic favourable position
- large range of illuminated pushbuttons, Selector switches, LED indicator lights, Key-operated selector switches and Emergency-Stop buttons
- Field labelling with separate plastic cover
- Emergency stop latching pushbutton with Protective collar

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

### Ordering details

Product type description	BDF100-NHK-G-ST
Article number	101211974
EAN Code	
eCl@ss	27-37-12-02

### Approval

Approval



### Global Properties

Permanent light	BDF100
Climatic stress	DIN EN 60068
Material of the housings	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Housing color of upper part	■ yellow
Weight	150
Protective collar in housing cover (Y/N)	Yes
Positions used	
- Position 01	Emergency stop latching pushbutton, with Protective collar
Emergency-Stop button (Y/N)	Yes

## Mechanical data

---

Design of electrical connection

connector plug M12, 8-pole

## Ambient conditions

---

Ambient temperature

- Min. environmental temperature
- Max. environmental temperature

-25  
+65

Overvoltage category

III

Degree of pollution

3

## Electrical data

---

Number of shutters

1

Number of openers

2

## Dimensions

---

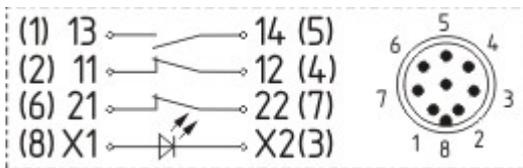
Dimensions

- Width
- Height
- Depth

40  
99  
69

## Diagram

---



Note Diagram

- positive break NC contact
- active
- no active
- Normally-open contact
- Normally-closed contact

## Ordering code

---

BDF 100-(1)-(2)-(3)-ST

(1)

NH-G

NHK-G

(2)

without

(1)

20

11

(2)

### Control elements - with Emergency stop

Emergency stop latching pushbutton without Protective collar

Emergency stop latching pushbutton with Protective collar

### Control elements - without Emergency stop

2 Normally open contact (NO)

1 Normally open contact (NO) / 1 Opener (NC)

LT..	Illuminated pushbutton (Selection Color)
LM..	Illuminated signal (Selection Color)
DT..	Push button (Selection Color)
WS 20/30	Selector switch, 2/3 switch position
WT 20/30	Selector switch, 2/3 switch position
SW 20	Key switch / - Key button, 2 switch position
(3)	
<i>without</i>	without Indicator lamp
	<b>Indicator lamp</b>
G/RD	Indicator lamp red
G/GN	Indicator lamp green
G/YE	Indicator lamp yellow
G/BU	Indicator lamp blue
G/WH	Indicator lamp white

## Documents

---

**Operating instructions and Declaration of conformity** (nl) 679 kB, 29.11.2018

Code: mrl\_bdf100\_nl

**Operating instructions and Declaration of conformity** (de) 631 kB, 05.11.2018

Code: mrl\_bdf100\_de

**Operating instructions and Declaration of conformity** (it) 695 kB, 20.03.2018

Code: mrl\_bdf100\_it

**Operating instructions and Declaration of conformity** (es) 689 kB, 26.11.2018

Code: mrl\_bdf100\_es

**Operating instructions and Declaration of conformity** (pt) 682 kB, 03.12.2018

Code: mrl\_bdf100\_pt

**Operating instructions and Declaration of conformity** (cn) 818 kB, 22.11.2018

Code: mrl\_bdf100\_cn

**Operating instructions and Declaration of conformity** (en) 699 kB, 05.11.2018

Code: mrl\_bdf100\_en

**Operating instructions and Declaration of conformity** (pl) 733 kB, 20.03.2018

Code: mrl\_bdf100\_pl

**Operating instructions and Declaration of conformity** (fr) 680 kB, 26.11.2018

Code: mrl\_bdf100\_fr

**Operating instructions and Declaration of conformity** (jp) 815 kB, 07.07.2016

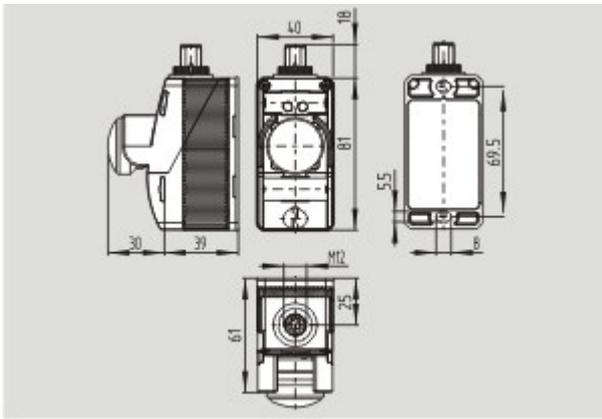
Code: mrl\_bdf100\_jp

**EAC certification** (ru) 779 kB, 05.10.2015

Code: q\_6043p17\_ru

## Images

---



Dimensional drawing (basic component)

---

K.A. Schmersal GmbH & Co. KG, Mödinghofe 30, D-42279 Wuppertal

The data and values have been checked thoroughly. Technical modifications and errors excepted.

Generiert am 13.02.2019 - 12:58:18h Kasbase 3.3.0.F.64I