Datasheet - BDF 200

Control panels / BDF200

SCHMERSAL

• 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
• Emergency stop, on/off and reset functions available
• The position of the pushbuttons on the control panel can be freely selected.
• Field labelling with separate plastic cover
• Freely installable button caps for an optimal adaptation to the plants

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

Ordering details

Product type description	BDF200
Article number	BDF200
notice	**see ordering code**
eCl@ss	

Approval

Approval	USA/CAN
	EAC

Global Properties

Permanent light	BDF200
Climatic stress	EN 60068-2-3
Material of the housings	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing

Mechanical data

Cable entry	1x M20

Ambient conditions

Ambient temperature	
- Min. environmental temperature	−25
- Max. environmental temperature	+65
Overvoltage category	III
Degree of pollution	3

Ordering code

BDF 200-(1)-(2)-(3)-(4)-(5)-(6)

(1)   **Control elements Position 1 -**

NH	Emergency stop latching pushbutton without Protective collar
NHK	Emergency stop latching pushbutton with Protective collar
LT..	Selection (Color Illuminated pushbutton)
LM..	Illuminated signal (Selection Color)
DT..	Push button (Selection Color)
PT..	Mushroom push button

(2)

20	with Emergency stop: 2 Normally open contact (NO) Position 2-4 without Emergency stop: 2 Normally open contact (NO) Position 1-4
11	with Emergency stop: 1 Normally open contact (NO) / 1 Opener (NC) Position 2-4 without Emergency stop: 1 Normally open contact (NO) / 1 Opener (NC) Position 1-4
10	with Emergency stop: 1 Normally open contact (NO) Position 2-4 without Emergency stop: 1 Normally open contact (NO) Position 1-4

(3)   **Position 2** - **Control elements**

WS 2/3	Selector switch, 2/3 switch position
WT 2/3	Selector switch, 2/3 switch position
SW 20	Key switch / - key button, 2 switch position
LT..	Illuminated pushbutton (Selection Color)
LM..	Illuminated signal (Selection Color)
DT..	Push button (Selection Color)
PT..	Mushroom push button

(4)   **Position 3 - Control elements**

WS 2/3	Selector switch, 2/3 switch position
WT 2/3	Selector switch, 2/3 switch position
SW 20	Key switch / - key button, 2 switch position
LT..	Illuminated pushbutton (Selection Color)
LM..	Illuminated signal (Selection Color)
DT..	Push button (Selection Color)
PT..	Mushroom push button

(5)   **Position 4 - Control elements**

LT..	Illuminated pushbutton (Selection Color)
LM..	Illuminated signal (Selection Color)
DT..	Push button (Selection Color)
PT..	Mushroom push button

(6)

without	without Indicator lamp
G24	with Indicator lamp, red (Only for −10)

(7)

without	Included in standard version
2875	

Documents

Operating instructions and Declaration of conformity (nl) 854 kB, 04.12.2018
Code: mrl_bdf200_nl

Operating instructions and Declaration of conformity (de) 789 kB, 05.11.2018
Code: mrl_bdf200_de

Operating instructions and Declaration of conformity (cn) 981 kB, 22.11.2018
Code: mrl_bdf200_cn

Operating instructions and Declaration of conformity (en) 860 kB, 05.11.2018
Code: mrl_bdf200_en

Operating instructions and Declaration of conformity (es) 850 kB, 29.11.2018
Code: mrl_bdf200_es

Operating instructions and Declaration of conformity (da) 834 kB, 20.03.2018
Code: mrl_bdf200_da

Operating instructions and Declaration of conformity (jp) 920 kB, 12.05.2016
Code: mrl_bdf200_jp

Operating instructions and Declaration of conformity (sv) 864 kB, 19.03.2018
Code: mrl_bdf200_sv

Operating instructions and Declaration of conformity (it) 851 kB, 20.03.2018
Code: mrl_bdf200_it

Operating instructions and Declaration of conformity (pt) 843 kB, 04.12.2018
Code: mrl_bdf200_pt

Operating instructions and Declaration of conformity (fr) 852 kB, 29.11.2018
Code: mrl_bdf200_fr

Operating instructions and Declaration of conformity (pl) 889 kB, 04.04.2018
Code: mrl_bdf200_pl

Brochure (pt) 757 kB, 25.06.2010
Code: p_bdfp01

Brochure (en) 603 kB, 25.11.2010
Code: g_bdfp01

Brochure (de) 658 kB, 25.11.2010
Code: k_bdfp01

Brochure (es) 757 kB, 25.06.2010
Code: e_bdfp01

EAC certification (ru) 779 kB, 05.10.2015
Code: q_6043p17_ru

Images

Product photo

Image: kbdf_g01

Dimensional drawing (basic component)

System components

Control elements

Emergency stop latching pushbutton / NH

• Emergency stop latching pushbutton
• mushroom-shaped plastic pushbutton, Ø 30 mm
• Pull to reset
• without Protective collar

Illuminated pushbutton / LT

• **Illuminated signal**
• with concave button
• Touch surface 19 x 19
• Lamp replacement at the front
• 5 different colours available
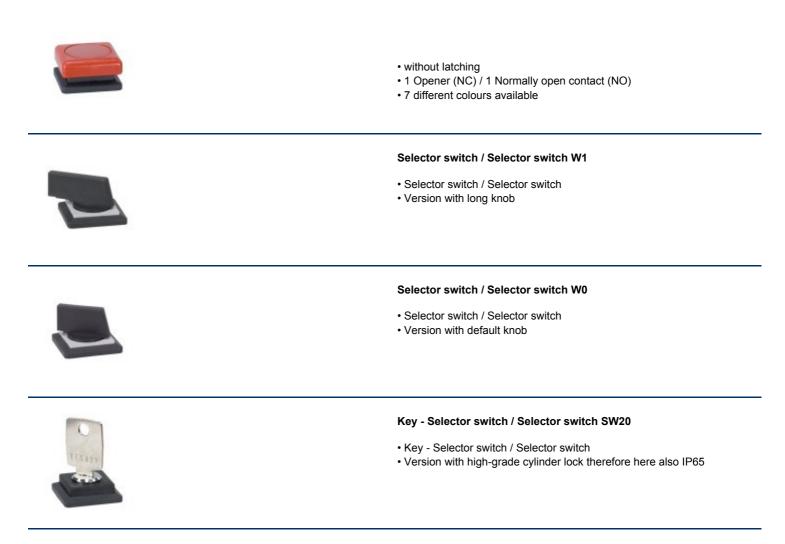
Illuminated signal / LM

• **Illuminated signal**
• with concave illuminated surface
• Illuminated surface 19 x 19
• Lamp replacement at the front
• 5 different colours available
• LED replacement at the front

Push button / DT

• Push button
• with concave button
• Touch surface 19 x 19
• 1 Normally open contact (NO)
• 7 different colours available

Mushroom push button / PT

• Touch surface 25 x 25 with rounded edges

• without latching
• 1 Opener (NC) / 1 Normally open contact (NO)
• 7 different colours available

Selector switch / Selector switch W1

• Selector switch / Selector switch
• Version with long knob

Selector switch / Selector switch W0

• Selector switch / Selector switch
• Version with default knob

Key - Selector switch / Selector switch SW20

• Key - Selector switch / Selector switch
• Version with high-grade cylinder lock therefore here also IP65