



BDF200-NH-10-LT-LT-LT-G24-2875

- slender shock-proof thermoplastic enclosure
- to be installed at an ergonomic favourable position
- to be fitted to commercial-off-the-shelf aluminium profiles
- Thermoplastic enclosure
- slender shock-proof enclosure
- 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

Data

Ordering data

EAN (European Article Number)	4030661451770
eCl@ss number, Version 9.0	27-37-12-16
eCl@ss number, Version 11.0	27-37-12-16
ETIM number, version 6.0	EC000225
Note (Ordering data)	Notice: see ordering code

Approval - Standards

Certificates	cULus EAC
--------------	--------------

General data

Standards	IEC 60947-5-1 EN ISO 13849-1 IEC 60947-5-5 ISO 13850
Terminal (mechanical)	Removable screw terminals
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross weight	392 g
Positions used, position 1	Emergency stop pushbutton
Positions used, position 2	Illuminated pushbutton, color exchangeable
Positions used, position 3	Illuminated pushbutton; color exchangeable
Positions used, position 4	Illuminated pushbutton, color exchangeable

General data - Features

Emergency-Stop button	Yes
Front plate mounting	No
Safety functions	Yes
Removable Terminals	Yes

Safety appraisal

Mission Time	20 Year(s)
--------------	------------

Mechanical data

Position of the cable gland	bottom
Mechanical life, Emergency-Stop button	100,000 Operations
Mechanical life, Command devices	1,000,000 Operations
Mounting	interior mounting holes
Type of the fixing screws	DESIGN_MOUNTING_SCREWS11111111111111111112

Mechanical data - Connection technique

Cable entry	M20 cable gland
Cable cross-section of the cable glands, minimum	6 mm
Cable cross-section of the cable glands, maximum	13 mm
Wire cross-section	0.5 mm ²

Mechanical data - Dimensions

Width	40 mm
Height	69 mm
Depth	220 mm
Length x Width x Height	Depth: 233.5 - 252.5 mm (without and with indicator lamp)

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+65 °C
Resistance to shock	100 g / 6 ms

Ambient conditions - Insulation value

Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	2.5 kV
Overvoltage category	III
Degree of pollution to VDE 0100	3

Electrical data

Rated operating voltage	24 V
Utilisation category DC-13	24 VDC

Utilisation category DC-13	1 A
Suitable for low-voltages	$\geq 5 \text{ V} / \geq 1 \text{ mA}$
Switching principle	Creep circuit element

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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: 11/9/2021, 8:58 AM