

STEEL BUTTONS WITH VARIOUS SWITCHES

Latching / momentary buttons with green / red LED light



Our latching / momentary steel pushbutton impresses with its high-quality materials, protection classes and ergonomics. It is made of stainless steel and complies with protection classes IP65 (dust and water), IK10 (impact) and PA66 (flame). The protection classes, wide temperature range and durability make our steel pushbutton suitable for many applications. The steel button has a bright LED ring (green / red).

The concave design of the surface means there are no sharp edges. The connection cables and sockets have different colors and shapes to prevent confusion between the push-button variants (22A / 22B / 22C).

The necessary connection cable, socket, sealing ring and nut are already included in the scope of delivery.

MAIN FEATURES

Core & outer material	Stainless steel
Material of the pins	H65 silver/gold coated
Key depth	3 mm
Operating mode	Latching or momentary
Degree of protection	IP65 and IK10
Thread	M22
Special features	bright LED (green & red)

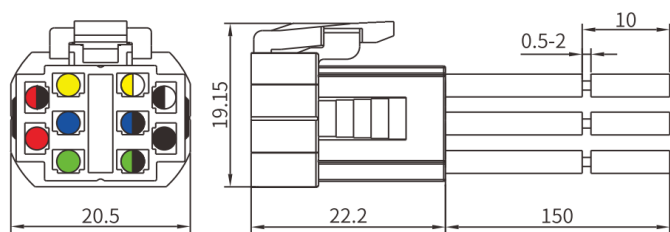
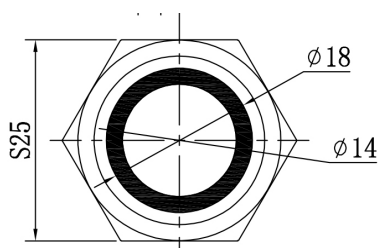
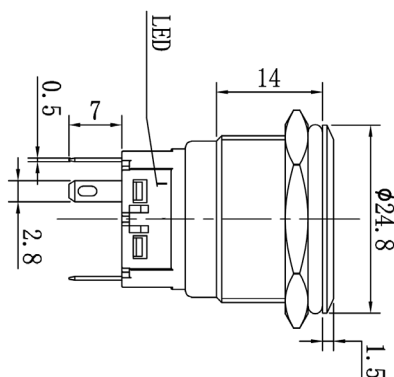
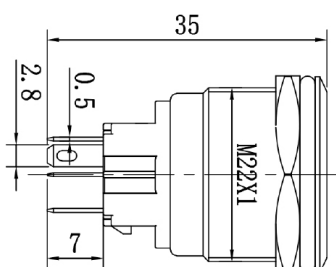
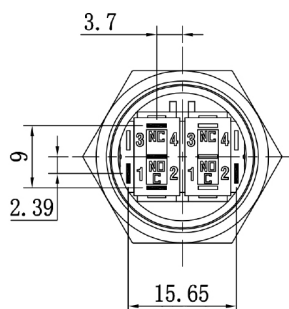
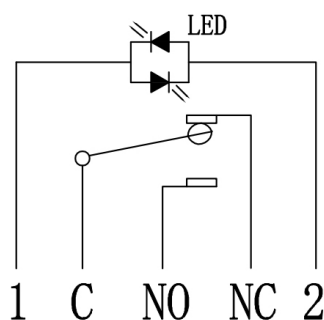
FURTHER SPECIFICATIONS

Minimal load	5 mA / 3 V AC/DC
LED service life	≥ 50.000 hours
Insulation resistance	≥ 1000 MΩ
Contact resistance	≤ 50 mΩ
Torque nut	0.8 - 1.2 Nm
Base material	PA66 flame retardant
Operating temperature / humidity	-40 to 80°C with max 90 % rH
Scope of delivery	Button, connection cable, socket, sealing ring, nut



CAUTION: Work on voltages above 60 V is reserved for qualified electricians. There is a risk of electric shock, which can lead to serious injury or death.

Button22A-XXX



● LED ● Bi-color Tri-color ● NC ● NO ● C

SPECIFIC INFORMATION

Nominal load

Resistive:

0.5 A / 230 V AC, 1 A / 110 V AC
1 A / 24 V DC

Inductive:

0.2 A / 110/230 V AC
0.2 A / 110 V DC

Service life

Electronical (resistive):

1A/230V AC, 1A/24V DC:
100.000x
3A/230V AC, 3A/24V DC:
30.000x

5A/230V AC, 5A/24V DC: 5.000x

Mechanical:

latching: 300.000x
momentary: 1.000.000x

Extreme pressure test:

Press and hold for 5 s at 4x per
minute - 2.000x

LED voltage

3 - 8 V DC

Dimensions
Mounting hole

Ø 22 x ≤ 6.5 mm

Overall dimensions

Ø 24.8 x 35 mm

Connections

COM, NO, NC, LED+, LED-

Breakdown voltage

2500 V AC

FURTHER INFORMATION

Item number

Button22A-L-GR (latching & green)

Button22A-L-RD (latching & red)

Button22A-M-GR(momentary&green)

Button22A-M-RD (momentary & red)

EAN

4250236821832 (Button22A-L-GR)

4250236821849 (Button22A-L-RD)

4250236821856 (Button22A-M-GR)

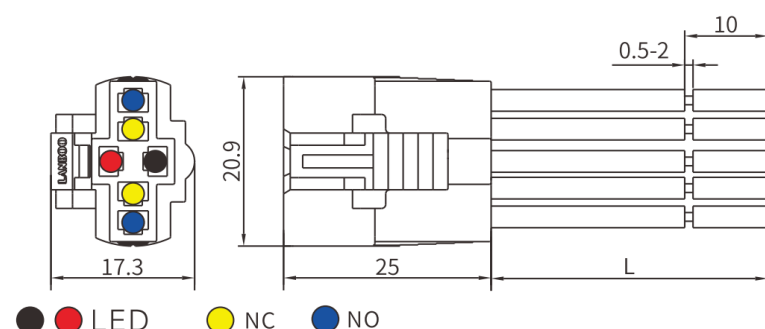
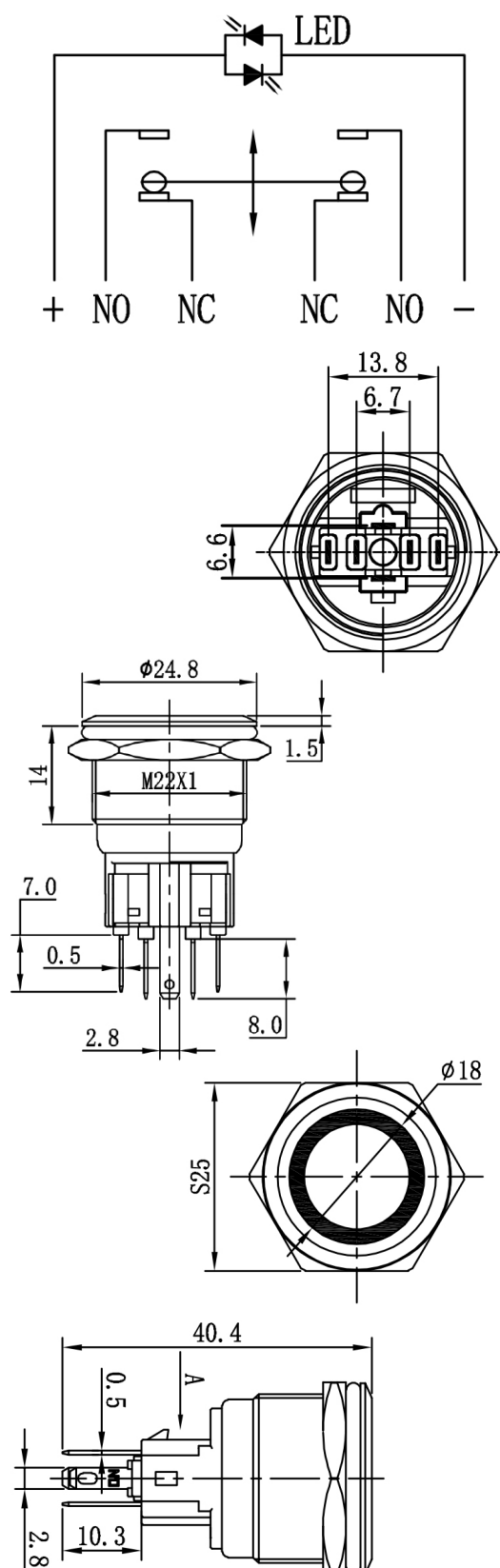
4250236821863(Button22A-M-RD)

Customs tariff number

8536 50 11 90



Button22B-XXX



● LED ● NC ● NO

SPECIFIC INFORMATION

Nominal load

Resistive:
7 A / 230 V AC, 7 A / 110 V AC
7 A / 24 V DC

Inductive:
2.5 A / 110/230 V AC
2.5 A / 110 V DC

Service life

Electronical (resistive):
7A/230V AC, 7A/24V DC:
20.000x
Mechanical:
latching: 300.000x
momentary: 1.000.000x
Extreme pressure test:
Press and hold for 5 s at 4x per
minute - 2.000x

LED voltage

3 - 8 V DC

Dimensions
Mounting hole

Ø 22 x ≤ 11 mm

Overall dimensions

Ø 24.8 x 40.4 mm

Connections

2x NO, 2x NC, LED+, LED

Breakdown voltage

2500 V AC

FURTHER INFORMATION

Item number

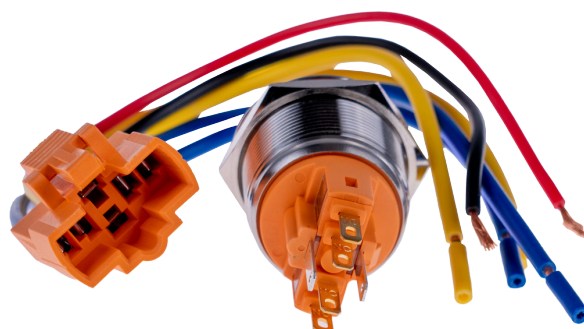
Button22B-L-GR(latching & green)
Button22B-L-RD(latching & red)
Button22B-M-GR(momentary&green)
Button22B-M-RD(momentary & red)

EAN

4250236821870(Button22B-L-GR)
4250236821887(Button22B-L-RD)
4250236821894(Button22B-M-GR)
4250236821900(Button22B-M-RD)

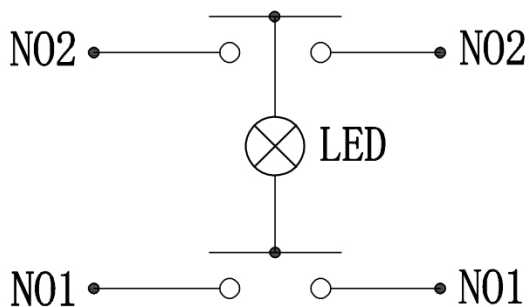
Customs tariff number

8536 50 11 90



Button22C-XXX

SPECIFIC INFORMATION



Nominal load

Resistive:

15 A / 110/230/250 V AC
15 A / 12/24 V DC

Inductive:

4 A / 110/230/250 V AC
4 A / 110 V DC

Service life

Electronical (resistive):

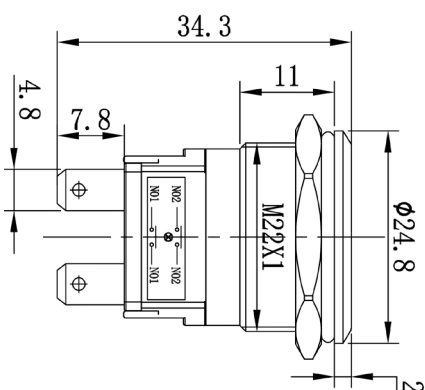
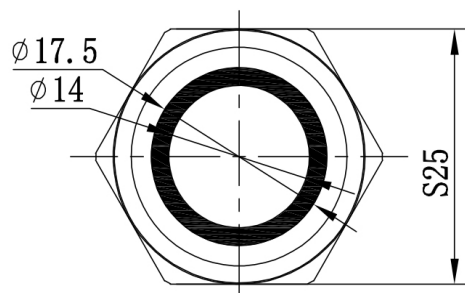
15A/230V AC, 15A/24V DC:
20.000x
8A/230V AC, 8A/24V DC:
40.000x
3A/230V AC, 3A/24V DC:
100.000x

Mechanical:

latching: 300.000x
momentary: 1.000.000x

Extreme pressure test:

Press and hold for 5 s at 4 x
per minute - 2.000x



Dimensions

Mounting hole

$\varnothing 22 \times \leq 8 \text{ mm}$

Overall dimensions

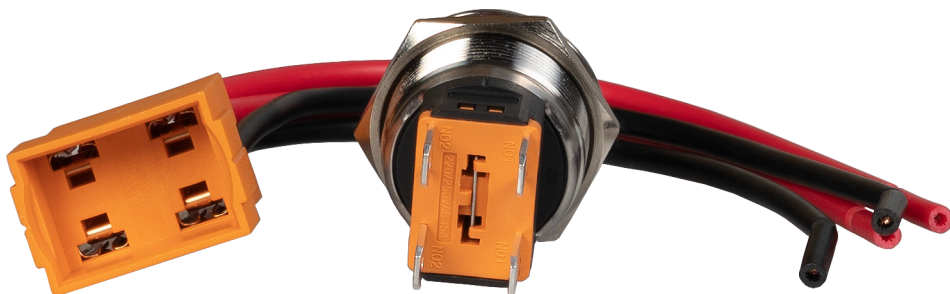
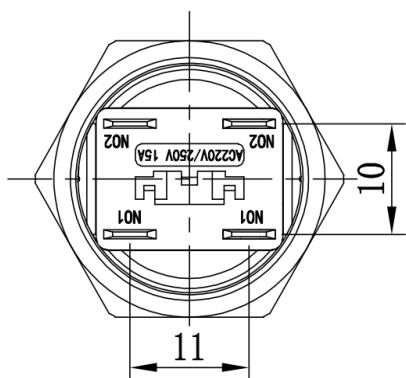
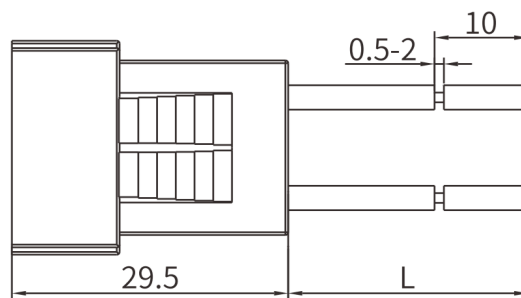
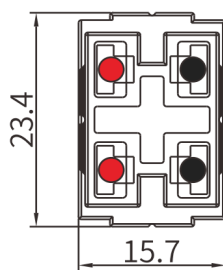
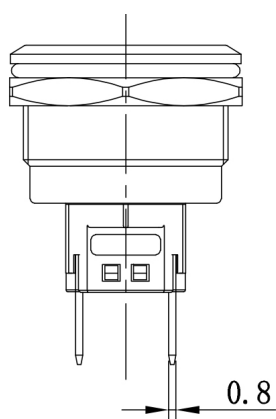
$\varnothing 24.8 \times 34.3 \text{ mm}$

Connections

2x NO1, 2x NO2

Breakdown voltage

5000 V AC min.





ATTENTION! The integrated LED does not have its own power supply connections. Avoid applying a higher voltage than the maximum permissible LED voltage. Ensure that higher voltages are switched in such a way that they are not conducted via the LED.

with LED Voltage 3-8 V

FURTHER INFORMATION

LED voltage	3 - 8 V DC
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Item number	Button22C-L-GR(latching & green) Button22C-L-RD (latching & red) Button22C-M-GR(momentary&green) Button22C-M-RD (momentary & red)
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EAN	4250236821917 (Button22C-L-GR) 4250236821924 (Button22C-L-RD) 4250236821931 (Button22C-M-GR) 4250236821948(Button22C-M-RD)
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Customs tariff number	8536 50 11 90
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with LED Voltage 220-240 V

FURTHER INFORMATION

LED voltage	220 - 240 V AC
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Item number	Button22C-01(latching & green) Button22C-02(latching & red)
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EAN	4250236825151 (Button22C-01) 4250236825168 (Button22C-02)
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Customs tariff number	8536 50 11 90
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