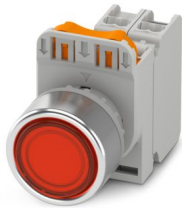


# PHT22-FRD-RD/PT10/RD - Button

1108281

<https://www.phoenixcontact.com/gb/products/1108281>

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Illuminated flat button, 22 mm, circular, red, automatic reset, including a button head, module holder, a N/O contact module using push-in connection technology and a LED module

## Your advantages

- 22 mm illuminated button set with Push-in connection
- Self-retaining (latching) – ideal for switching functions
- Depending on the set variant, incl. contact module(s) (N/O / N/C, 1- or 2-way) + 1 LED module – flexible in use
- With integrated lighting option for clear status display
- Quick mounting in the control cabinet/control panel

## Commercial data

Item number	1108281
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE6122
Product key	BE6122
GTIN	4063151012236
Weight per piece (including packing)	47.8 g
Weight per piece (excluding packing)	43.7 g
Country of origin	CN

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## Technical data

### Product properties

Product type	Actuator
Insulation characteristics	
Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	5 W

### Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	20 ... 16 (converted acc. to IEC)
2 conductors with same cross section, rigid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with the same cross-section AWG rigid	20 ... 16 (converted acc. to IEC)
2 conductors with same cross section, flexible	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross-section AWG flexible	20 ... 16 (converted acc. to IEC)
Thermal continuous current $I_{th}$	10 A

### Dimensions

Width	30 mm
Height	46 mm

#### Installation dimensions

Installation depth	47.9 mm
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### Material specifications

Color	red
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### Environmental and real-life conditions

#### Degree of protection (IP code)

Degree of protection	IP66
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#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 85 °C
Permissible humidity (operation)	≤ 95 % ((room temperature 25°C) no condensation)

### Standards and regulations

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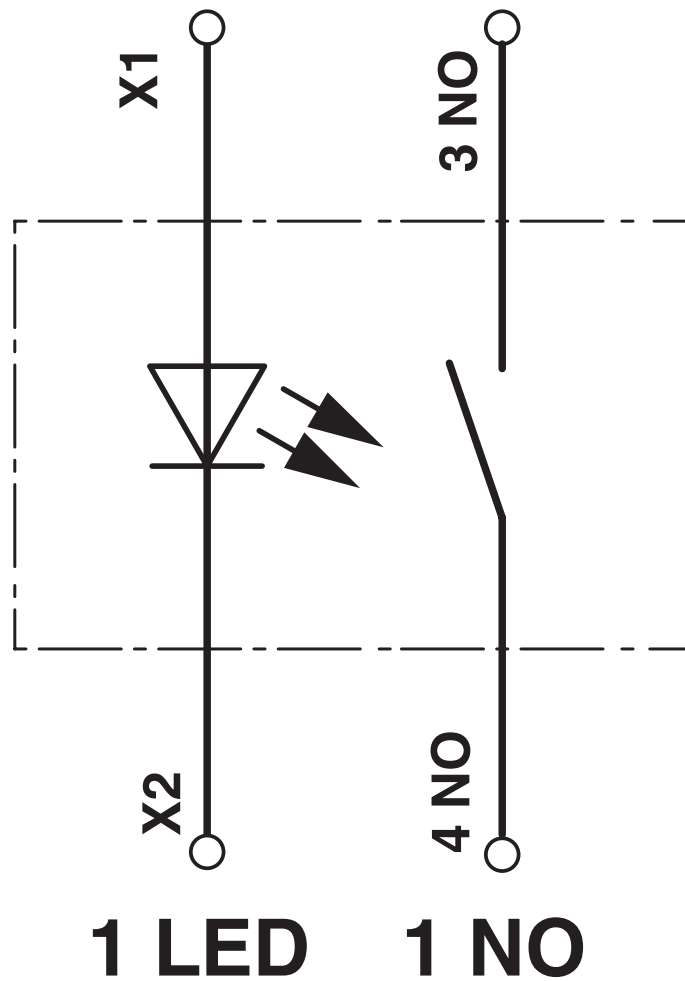
Standards/specifications	IEC 60947-5-1
	GB 14048.5
	UL 60947-5-1

## Mounting

Mounting type	Panel mount
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Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1108281>



**cULus Listed**

Approval ID: E172140



**CCC**

Approval ID: 2024010305697836

**Functional Safety**

Approval ID: R CN21G3UE 001

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## Classifications

### ECLASS

ECLASS-15.0	27371228
ECLASS-13.0	27371228

### ETIM

ETIM 10.0	EC001028
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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