

# Emergency stop switch

84-5340.0020



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Your product:

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## 84-5340.0020

### Emergency stop switch

#### FRONT

**Front dimension:** Ø 32 mm

**Front form:** round

#### MOUNTING

**Mounting type:** Panel mounting

**Mounting cut-out:** Ø 22.3 mm

#### OPERATING-/INDICATION PART

**Switching position ring:** Green

**Lens material:** Plastic, according to UL 94 V0

**Lens illumination:** non illuminative

**Lens shape:** mushroom-head

**Lens:** round

**Lens optics:** opaque

**Lens colour:** Red-white

#### ELECTRICAL CHARACTERISTICS

**Protection class:** II, according to EN / IEC 60947-5

**Pollution degree:** 3, according to EN IEC 60947-1

**Thermal current I<sub>th</sub>:** 5 A

**Overvoltage category:** II, according to EN / IEC 61058-1

**Electric strength:** 500 VAC, 50 Hz, 1 minute according to DIN IEC 60512-2

<b>Rated impulse withstand voltage U<sub>imp</sub>:</b>	2.5 kV, according to EN / IEC 60947-1		
<b>Rated short-circuit current caused:</b>	1 000 A, type of short-circuit device 6 A gG (EN 60947-5-1)		
<b>Electrical lifetime:</b>	50 000 cycles of operation		
<b>Contacts:</b>	2 NC		
<b>Standards:</b>	According to EN 60947-5-1, EN 60947-5-5, DIN EN ISO 13850, EN IEC 60204		
<b>Switching voltage and switching current:</b>	Switch rating AC with silver contact (gold plated) Service category AC-15 as per EN IEC 60947-5-1 Voltage 120 VAC 240 VAC Current 3 A 1,5 A Switch rating AC with silver contact (gold plated) Service category DC-13 as per EN IEC 60947-5-1 NO contacts NC contacts NO (48 VA) (60 VA) 12 VDC/2.0 A 12 VDC/2.5 A 12 VDC/2.5 A 24 VDC/2.0 A 24 VDC/2.5 A 25 VDC/2.5 A 48 VDC/1.0 A 48 VDC/1.25 A 60 VDC/0.8 A 60 VDC/1.0 A		
<b>Rated insulation voltage U<sub>i</sub>:</b>	250 V according to EN / IEC 60947-1		
<b>Rated Operational Voltage U<sub>e</sub>:</b>	250 VAC/DC according to EN IEC 60947-1		

## MECHANICAL CHARACTERISTIC

<b>Tightening torque:</b>	Fixing nut 0.8 Nm
<b>Switching action:</b>	Maintained
<b>Mechanical lifetime:</b>	250 000 cycles of operation
<b>Operating force:</b>	17 N ± 4 N
<b>Release type:</b>	Twist to unlock
<b>Terminal:</b>	Plug-in terminal, 2.8 x 0.5 mm
<b>Operating Travel:</b>	ca. 4 mm
<b>Contact material:</b>	Gold
<b>Switching system:</b>	Slow-make switching element
<b>Weight:</b>	0.028 kg

## AMBIENT CONDITION

<b>IP Protection:</b>	IP20 rear side, IP65 front side, according to IEC 60529, IP67 front side
<b>Shock resistance:</b>	Max. 150 m / s <sup>2</sup> , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
<b>Operating temperature:</b>	– 25 °C ... + 70 °C
<b>Storage temperature:</b>	– 25 °C ... + 85 °C

<b>Vibration resistance:</b>	Max. 50 m / s <sup>2</sup> from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)
<b>Climate resistance:</b>	Damp heat, cyclic: 96 hours, + 25 °C/97 %, + 55 °C/93 % relative humidity, as per EN IEC 60068-2-30 Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78 Dry heat: 96 hours, + 65 °C, as per EN IEC 60068-2-2 Low temperature: 96 hours, – 25 °C (as per EN IEC 60068-2-1) ) UV test, 56 days (EN 60068-2-5:1999) Saline mist: 96 hours, + 35 °C in chemical solution NaCl, as per EN IEC 60068-2-11

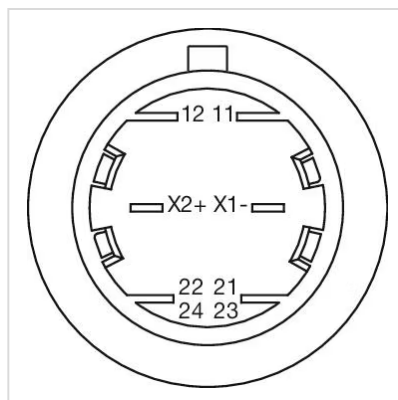
## CERTIFICATE

<b>Approbations:</b>	CCC, UL
<b>Conformities:</b>	CE, UKCA, 2006 / 42 / EC (MD), 2011 / 65 / EC (RoHS)

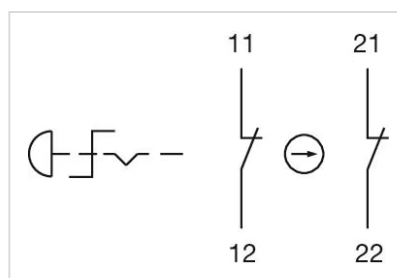
## OTHER

<b>Short Description:</b>	Emergency stop switch, Ø 22.3 mm, Ø 32 mm, mushroom-head, non illuminative, Red-white, Plastic, according to UL 94 V0, opaque, round, 2 NC, Maintained, Plug-in terminal, 2.8 x 0.5 mm, Twist to unlock
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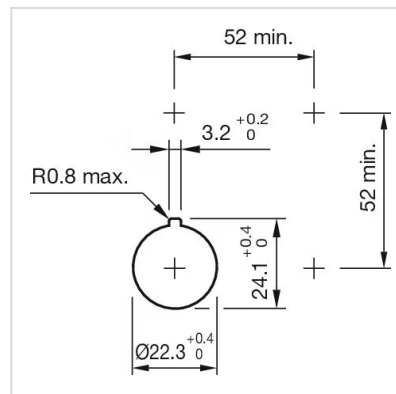
<b>Housing colour:</b>	Yellow
<b>Housing material:</b>	Plastic, according to UL 94 V0
<b>Material:</b>	Plastic
<b>Component layouts:</b>	



## Wiring diagrams:



**Mounting cut-outs:**



**Dimension drawings:**

