

Illuminated pushbutton

Distribution by Farnell Farnell

K14-131.221071





https://farnell.eao.com/p/K14-131.221071

Your product:



K14-131.221071 Illuminated pushbutton

| FRONT | |
|-------------------|----------------|
| Front dimension: | Ø 35 mm |
| Front form: | Round |
| | |
| MOUNTING | |
| Mounting cut-out: | Ø 30.5 mm |
| Mounting type: | Panel mounting |
| | |

OPERATING-/INDICATION PART

| Lens colour: | Yellow |
|----------------------|-------------|
| Lens material: | Plastic |
| Lens illumination: | Illuminated |
| Lens shape: | Flush |
| Lens optics: | transparent |
| Illumination colour: | Yellow |

ELECTRICAL CHARACTERISTICS

| Switching voltage and switching current: | 250 VAC, 5 A (ohmic) 250 VAC, 3 A (Soldering terminal) 250 VAC, 2 A (inductive, cos(phi) = 0.7) 220 VDC, 0.1 A (inductive, L:R = 30 ms) 110 VDC, 0.2 A (inductive, L:R = 30 ms) 60 VDC, 0.7 A (inductive, L:R = 30 ms) 24 VDC, 2 A (inductive, L:R = 30 ms) |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contacts: | 1 NC / 1 NO |
| Operating voltage: | 24 V AC/DC |
| Operation current: | 7/14 mA ±15 % |

| Rated Operational Voltage Ue: | 250 VAC/DC according to EN IEC 61058-1 |
|-------------------------------|--------------------------------------------------------------------------------------|
| Switching rating: | 250 V AC @ 3 A |
| Electrical lifetime: | 50 000 cycles of operation |
| Electric strength: | 3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1 |
| Protection class: | II |
| Standards: | According to EN/IEC 61058-1 |
| Thermal current Ith: | 3 A |

MECHANICAL CHARACTERISTICS

| Terminal: | Soldering terminal |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Contact material: | Gold-plated silver |
| Switching action: | Momentary |
| Switching system: | Snap-action switching element |
| Mechanical lifetime: | 2 Mil. cycles of operation |
| Operating force: | 3 N 6 N |
| Operating Travel: | 3 mm |
| Tightening torque: | Fixing nut max. 0.25 Nm |
| Wire cross section: | Max. wire diameter 2 wires à 1.2 mm Max. wire cross-section of stranded cable 1 x 1 mm ² |
| Weight: | 0.031 kg |

AMBIENT CONDITION

| IP front protection: | IP67, according to DIN EN 60529 |
|------------------------|-----------------------------------------------------------------------------------------------|
| Operating temperature: | – 25 °C + 55 °C, mounted as a block, make sure the heat can escape freely |
| Storage temperature: | – 40 °C + 85 °C |
| Shock resistance: | Max. 150 m / $\rm s^2,$ pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27) |
| Vibration resistance: | Max. 100 m / s² from 10 Hz 500 Hz, (sinusoidal EN IEC 60068-2-6) |
| Climate resistance: | Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30 |

CERTIFICATE

Approbations:

| Conformities: | CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
|---------------|-------------------------------------------------------|
| REACH: | REACH compliant |
| RoHS: | RoHS compliant |

OTHER

Short Description:

llluminated pushbutton, Momentary, 250 V AC @ 3 A, 24 V AC/DC, 1 NC / 1 NO, Soldering terminal, Round, Yellow, Yellow

Housing colour:

Black Plastic

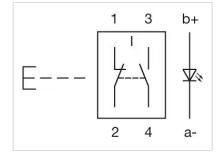
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Housing material:

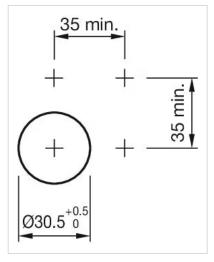
max. number of switching

Wiring diagrams:

elements:



Mounting cut-outs:



Dimension drawings:

