Industrial Control Switches



Global Specifications:

Utilization Category: AC-15; A600; 3 A at 240 V; 1,9 A at 380 V

DC-13; P600; 0,55 A at 250 V

Rated thermal current: 10 A
Rated insulation voltage: 650 V
Minimum load: 3 V, 5 mA
Contact resistance: 50 mOhm max.
Insulation resistance: >100 M at 500 V DC

Dielectric strength: 2500 V, 50 Hz for the duration of 1 minute

Operating temperature: illuminated components: -25 °C to +55 °C

others: -25 °C to +70 °C

Storage temperature: -40 °C to +85 °C

Operation/storage humidity: 45 to 85 % RH

Ingress Protection: IP65 from front

Contamination class: 3

Vibration resistance: 10-55 Hz, 0.5 mm

Shock resistance: 10 G (Malfunction), 100 G (Destruction)

Mechanical life: Emergeny switch: 300k cycles

Pushbutton (momentary): 5M cycles Pushbutton (latching): 500k cycles Pushbutton (E3 special type): 1M cycles Selector and Keyselector: 500k cycles

Electrical life: Emergeny switch: 100k cycles

others: 500k cycles

Operation force (for ref. only): Emergency switch: 30 N

Momentary: 35 N Latching: 25 N E3 special type: 25 N

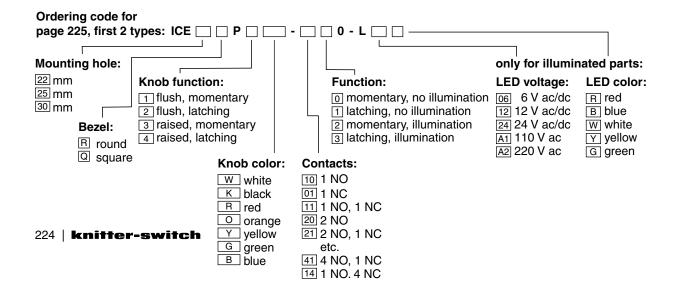
Selector and Keyselector: 0.2 to 0.6 Nm

Contact Design: positive break for NO contacts

Nominal diameters: 22, 25, 30 mm

Number of contact blocks per unit: 5 max.

Referenced safety standards: UL508, CSA 22.2 No. 4, EN60947-5-1, EN60947-5-5

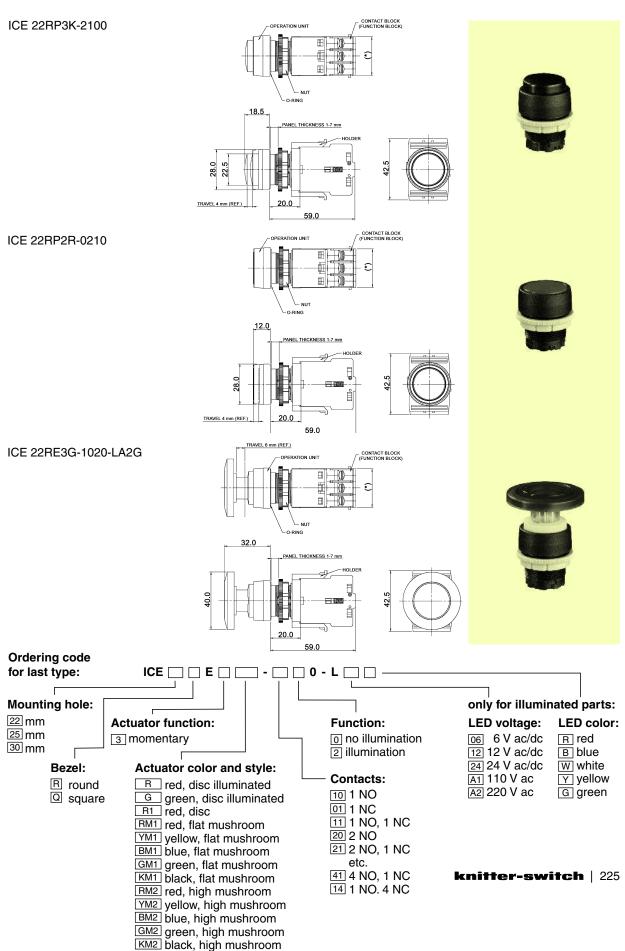


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Pushbuttons for Industrial Controls

Type:



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Accessories for Industrial Control Switches

Models: Switching functions

ICE TS-A contact block 1a (NO), green

ICE TS-B contact block 1b (NC), red

ICE TS-W latch module (needed for latching pusbuttons), grey

ICE TS-L LED-socket, yellow

ICE TS-WL latch module w/ LED socket, grey

(needed for illuminated latching pushbuttons)

ICE AC-00-M3 holder for 3 contact blocks

ICE AC-00-M5 holder for 5 contact blocks (without picture)

or 3 contact blocks
or 5 contact blocks (without picture)

Further available (examples, others on request) are:

ICE AC00-T1 socket wrench

ICE AC00-K1 spare keys (2 pcs.) for key selector

ICE AC00-R22 O-Ring, 22 mm

ICE L24B LED-lamp, 24 V, blue