19mm IP65 Vandal Resistant Pushbutton Switch LED

DESCRIPTION

A stainless steel tamper-proof switch designed to be resistant to accidental damage and attack by vandals. The switch has a stainless steel body and features a RGB LED illuminating ring.

DISTINCTIVE FEATURES

- IP65 Rated
- Max. switching current 0.5A
- Switching voltage 220V AC-110DC
- RGB LED ring
- Mounting diameter 19mm
- Built-in LED resistor
- Momentary, non-latching
- SPST Contacts

APPLICATIONS

Perfect for harsh use in potentially hostile settings such as public areas, industrial environments and building management applications. Suitable for installation in kiosks, lifts, pedestrian crossings and ticket machines. Provides a solution for requirements in extreme temperatures, dust, rain, snow, ice, dirt and moisture.

0.5A

220V AC

Ø 19mm

Momentary

Illuminated Ring

IP65

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⚡ ELECTRICAL SPECIFICATION

Switching DC Rating	110V/0.1A
Switching AC Rating	220V/0.5A
Contact Resistance	≤ 50mΩ
Insulation Resistance	≥ 1000MΩ
Dielectric Strength	1500V rms 50Hz, 1 minute
LED Voltage	24DC

*Note: There is a protective resistor in the lamp

GENERAL SPECIFICATION

Size	22 x 25.2 x 40mm
Type	Vandal resistant pushbutton switch
Button Style	Flat circular
Illumination Style	Ring
LED Colour	RGB
Operation	Momentary
Contacts	SPST
Operating force (max)	2N
Mechanical Life	1,000,000 Cycles
Electrical Life (@ Rated Load)	50,000 Cycles
Torque	Mounting Nut Torque

MATERIALS

Housing	Stainless Steel
Button	Stainless Steel
Base	PBT
Contact	Silver Alloy

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ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	-25 °C - +55 °C (no Freezing)
Electrical Life	≥50,000 cycles
Mechanical Life	≥1,000,000 cycles
Operating Force	2N
Operating Travel	3.1mm
IP Rating	IP65 (Front of panel)

TERMINALS

Terminal Type	Solder Tags
Terminal Size	2.8 x 0.5mm

OPTIONS

Custom LED voltages	e.g. 6, 12, 24, 110, 220V AC/DC
Illumination Type	e.g. dot, ring, tricolour dot/ring
LED Colours	e.g. Blue, green, red, white, yellow orange
Body Material	Stainless steel, aluminium alloy (black), aluminium alloy (white), nickel-plated brass
Actuator Style	e.g. Raised square, Flush, Domed
IP Rating	IP67
Legends	Custom legends available

Dimensions	mm unless stated otherwise
Panel Thickness	1 to 10mm

The shaded part is illuminated

Switching Operation

Diagram

PANEL CUTOUT
MAX.PANEL THICKNESS
10 mm

Contact Composition

Seal Ring
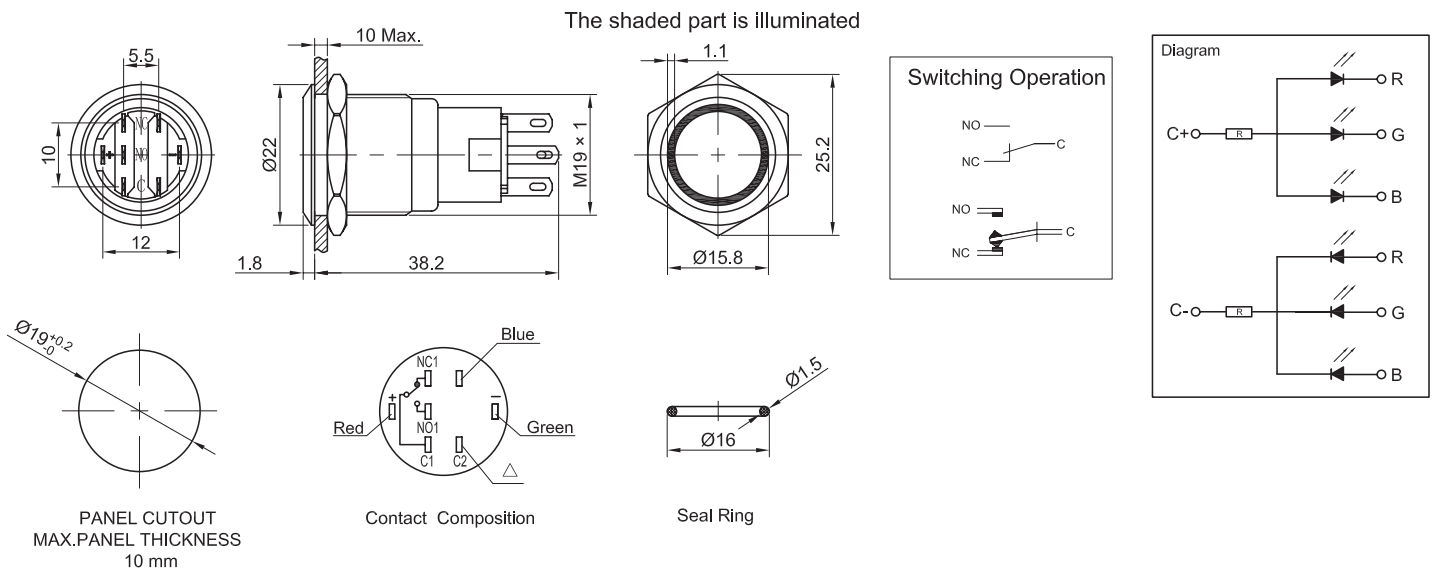
PART NUMBER TABLE

Part Number	EAN	UNSPSC	Country of origin
52-4650	5053556011650	39122224	China

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