

MP30 Series

Metal pushbutton switch, 1 million cycles, IP67, IK10



Specifications

Rating: 1th 5A/250V

Contact resistance: 50mΩ max.

Insulation resistance: 1000MΩ min. at 500VDC

Dielectric strength: 1500V(AC 50Hz) min.

Operating temperature: -25°C~55°C

Mechanical life: momentary 1,000,000 cycles

Self-lock 500,000 cycles

Electrical life: 50,000 cycles

Torque: 1~1.2 Nm

Operating force: 4~6N(1No1NC), 7.5~8.5N(2NO2NC)

Travel: about 3mm

Ingress protection:

Material

Contact: silver alloy

Button: stainless steel/PC

Body: stainless steel

Base: PA

Soldering process

Manual soldering

use 60 watts soldering iron and controlled the

temperature at 320°

duration of solder immersion: max. 3 sec.

IP 67

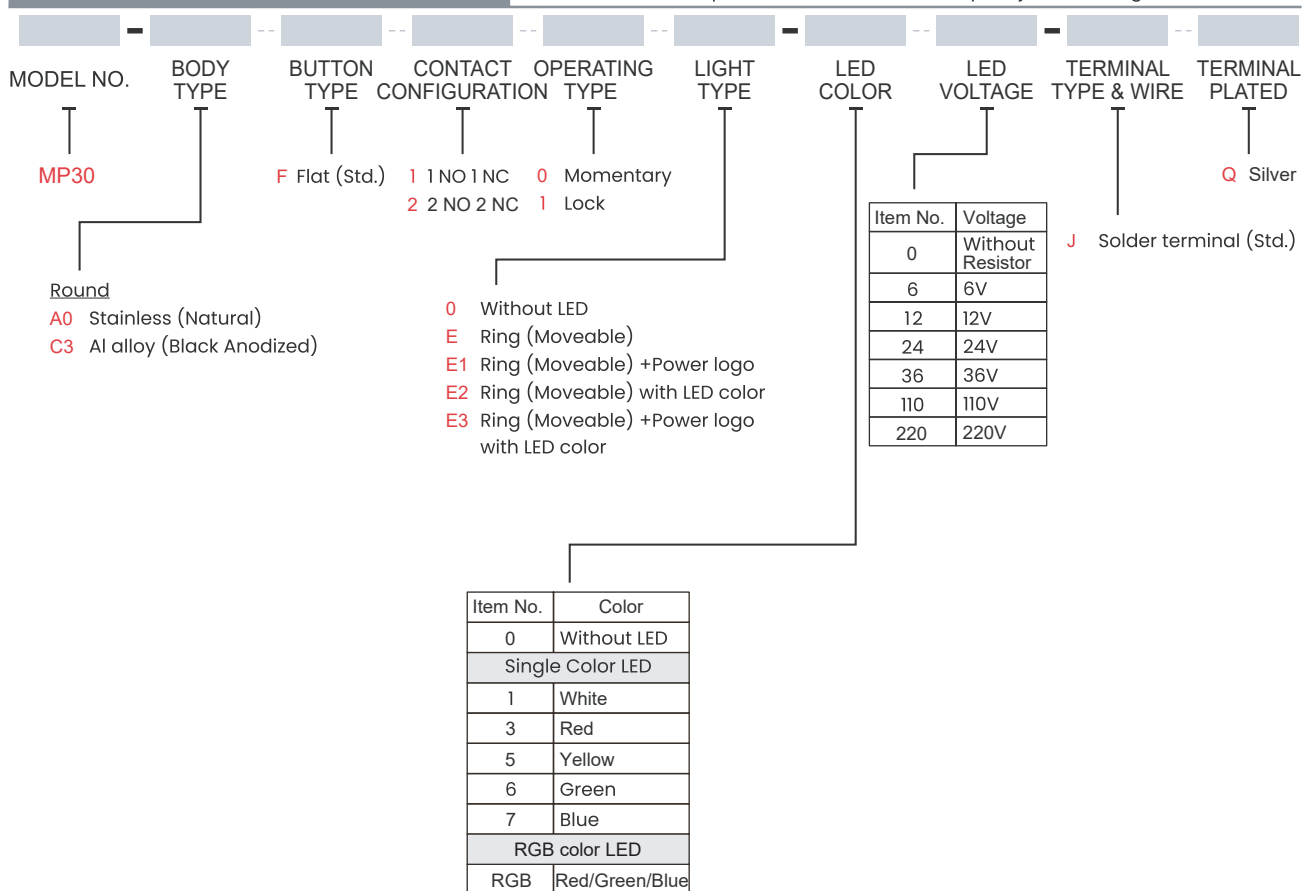
ACCORDING TO
EN 60529 1991+A1 2001
IEC 60529 2001



(Stainless)

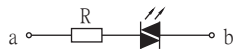
HOW TO ORDER

Note: Specifications and availability subject to change without notice.

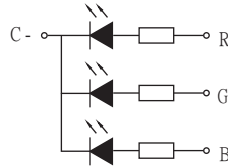


CIRCUIT

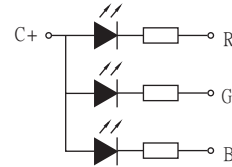
SINGLE color LED



RGB color LED



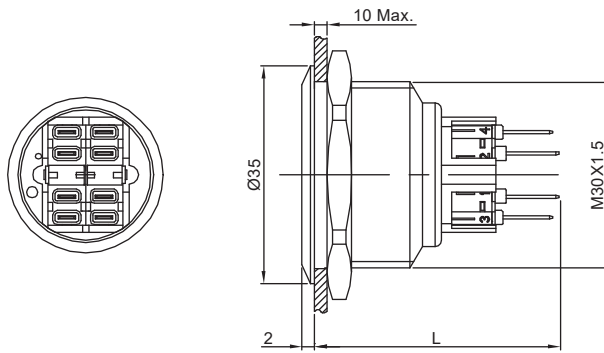
Common cathode



Common anode

BODY TYPE

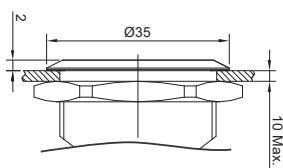
A0 / C3 Round



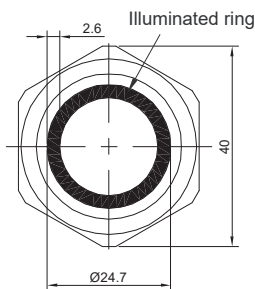
L: MOMENTARY IS 38.4
LATCHING IS 40.8

BUTTON & LIGHT OPTIONS

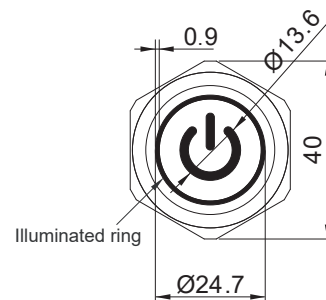
F Flat (Std.)



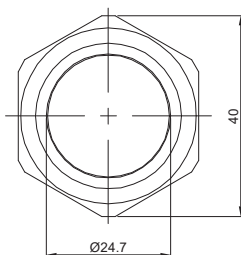
E / E2 Ring (Moveable)



E1 / E3 Ring (Moveable)+Power logo

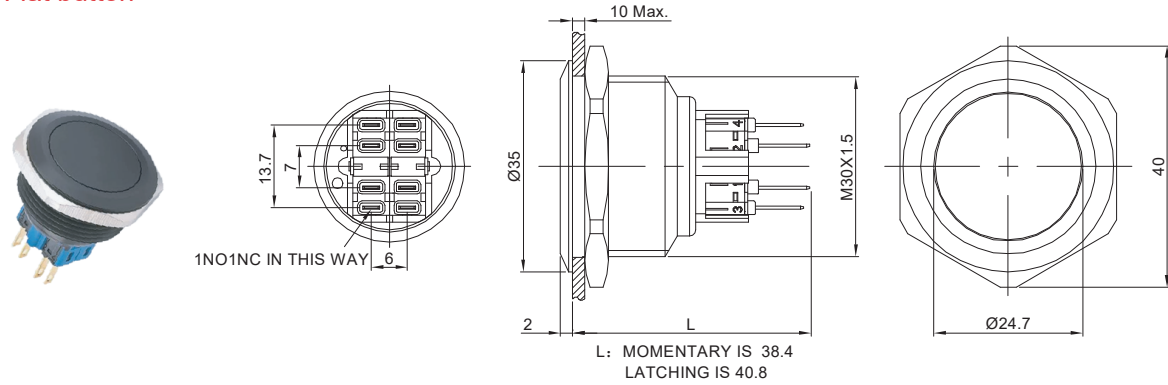


0 Without LED

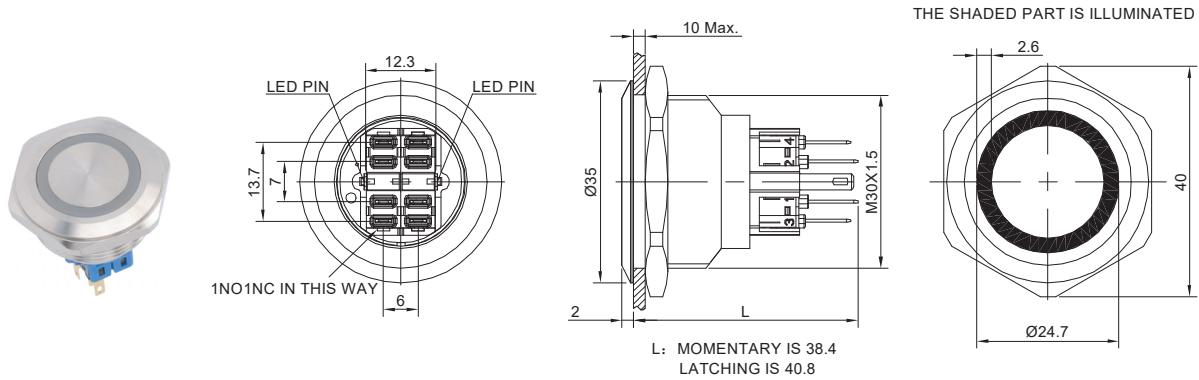


DIMENSION

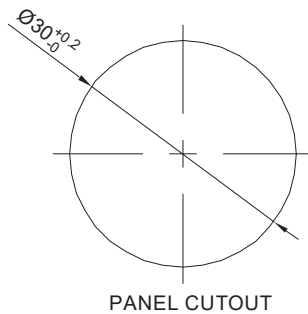
Flat button



Flat button

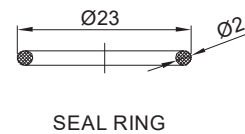


PANEL MOUNTING



HARDWARE

O-Ring



O-RING INSTALLATION

Proposal	In front of the panel
Installation Diagram	