Standard and Certifications

CSA Certified 1689803

Applicable Requirements

CAN/CSA-C22.2 NO. 0 - M91, General Requirements - Canadian Electrical.Part Ⅱ

CAN/CSA-C22.2 NO.14.05-Industrial Control Equipment

CSA Std C22.2 NO.65.93-Wire Connector

UL File NO. E247577

UL Std NO. 508, 17th Ed-Industrial Control Equipment to the requirements of CSA standard NO. 14-05 Auxiliary device, contact rated 120VAC 6A, resistive, heavy pilot duty or A600 with NC and NO contact, used

for push button switches, selector switches, double push button switches, push button switches with Illuminated, selector switch with illuminated, pilot lights.

TUV Rheinland Group

License No. R50062119

EN 60947-1 : 2004

EN 60947-5-1 : 2004

License No. R50062158

EN 60947-1 : 2004

EN 60947-5-1 : 2004

EN 60947-5-5 : 1997

CE Marked : EN60947-5-1

Rating :

Thermal current 1th 10A 50/60HZ

Insulation Voltage Ui 600V

Enclosed thermal current 1the 10A

Short-Circuit current 1000A

AC-15 120V 6A, 240V 3A

AC-12 480V 1.5A, 600V 1.2A

DC-12 120V 2.2A, 240V 0.6A, 480V 0.4A

IP-Enclosure IP65

Ambient temperature : -20 to 60º C

Contact resistance : 50 mΩ max.(Initial)

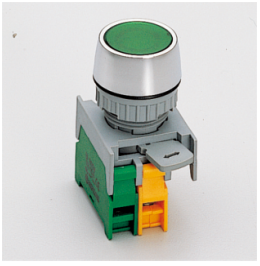
Life :

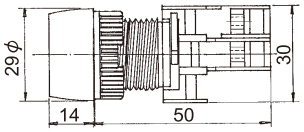
Push buttons : 1 million operations

Contact blocks : 1 million operations

Selector and key selector : 600,000 operations

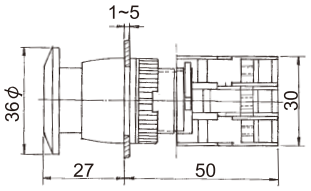
LBF22-1/O Illuminated
LBF22-1/C



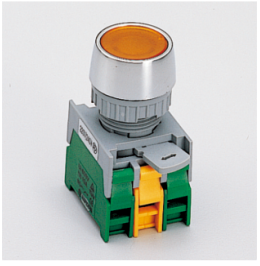


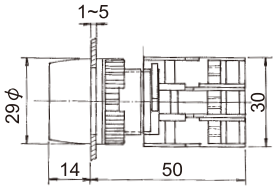
EPFL22-1O/C
Push ON-Push OFF Illuminated





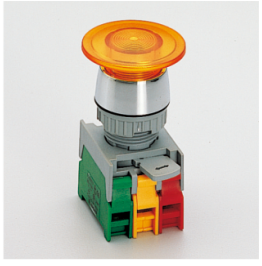
LBF22-1O/C Illuminated

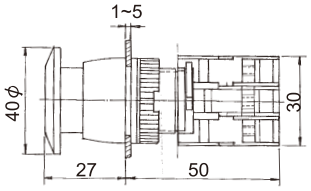




EBL22-1/O
EBL22-1/C

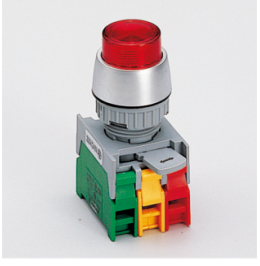
EBL22-1O/C Illuminated

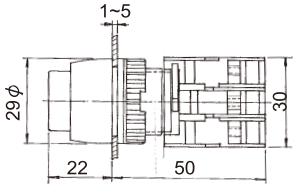




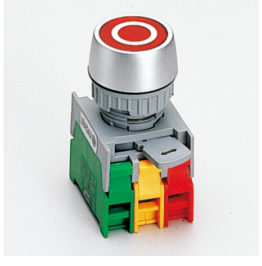
LBL22-1/O
LBL22-1/C

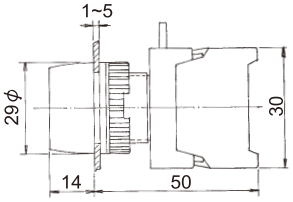
LBL22-1O/C Illuminated





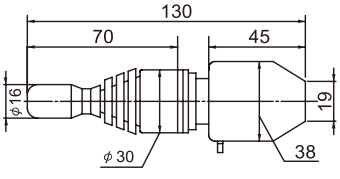
PFL22-1O/C
Push ON-Push OFF Illuminated

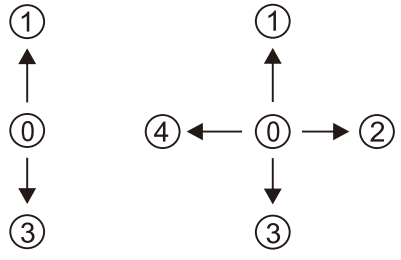




Monolever switch (Joystick Switch)







Position	1, UP	4, Left	Center	2, Right	3, Down
1 / 4 2 / 3	23 24 13 14 21 22 11 12	23 24 13 14 21 22 11 12	23 24 13 14 21 22 11 12	23 24 13 14 21 22 11 12	23 24 13 14 21 22 11 12
1 / 3	23 24 13 14 21 22 11 12		23 24 13 14 21 22 11 12		23 24 13 14 21 22 11 12

MS	22	4	A	4O
Type	Mounting	Position	Function	Contact
MS:Joystick switch	22 : 22ϕ 25 : 25ϕ	2 Position 4 Position	A:Auto return M:Maintain	2O : 2N/O 4O : 4N/O