



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 60° C

Contact resistance : 50 m Ω max.

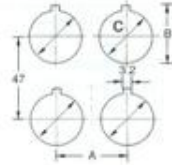
Life :

Push buttons : 1 million operations

Contact blocks : 1 million operations

Selector and key selector : 600,000 operations

Panel cut - out



Dimensions

	Series	22 ϕ	25 ϕ	30 ϕ
A	Standard spacing	30	30	38
	Mushroom head 40 ϕ	42	42	42
	Long knob selector	44	44	44
B		24.2	26.6	32
C		22.5 ϕ	25.4 ϕ	30.5 ϕ

Components parts

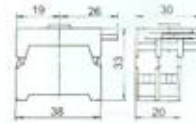
S-9 Filament lamp
6V, 12V, 24V, 30V
36V, 48V, 60V



S-9 Neon lamp
110V, 220V, 380V, 440V
colour : Red, Green



Lamp holder, contact block 1/O Type:LH-B10
coupler 1/C Type:LH-B01



S-9 Led lamp

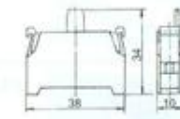


Rated voltage

6V, 12V, 24V
110V, 220V

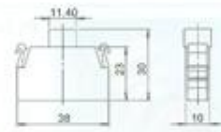
colour : Red, Green,
Orange Yellow, Blue,
White

Contact block 1/O (N/O), (1a) Type:B10
1/C (N/C), (1b) Type:B01

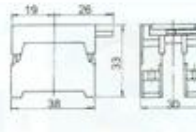


Lamp holder

(Full voltage adapter)
Type:LH-2B

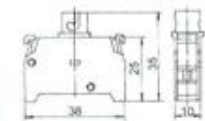


Contact block & coupler 1O/C,(N/O+N/C),(1a+1b)
Type:B10C



Lamp holder

(Full voltage adapter)
Type:LH-1B



Contact block Type:B1001 1O/C,(N/O+N/C),(1a+1b)

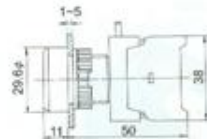




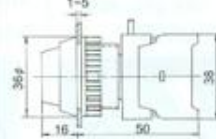
PLN	22	7	R	N
Type	Mounting hole	Voltage	Lens colour	Lens colour
PLN22	22 : 22 ϕ	1 110V	R : Red	L : Led
PLNS22	25 : 25 ϕ	2 220V	G : Green	F : Filament bulb
PLN22A, PLN25A	30 : 30 ϕ	3 380V	Y : Yellow	N : Neon lamp
PLN22B, PLN25B		4 440V	O : Orange	
PLN22C, PLN25C		5 6V	BL : Blue	
L22		6 12V	C : Clear	
PLN30		7 24V	W : White	
PLT22 W / TR		8 30V		



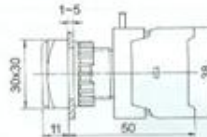
PLN-22



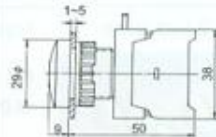
PLN-30



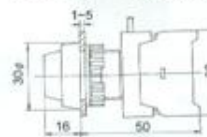
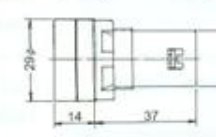
PLNS-22



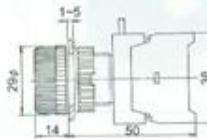
PLN-22C PLN-25C



PLN-22A PLN-25A

L22, 22 ϕ LED lamp

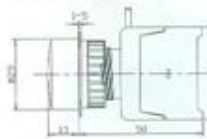
PLN-22B PLN-25B



PLT-22 Transformer pilot lamp



PLN-22D

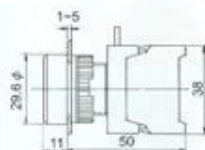


Push Button Switches, Ip65

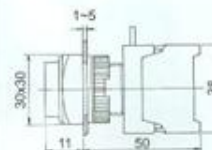


XB	22	1	O/C	R
Type	Mounting hole	No. of contact	Type of contact	Lens colour
XB, GBF, PBF: Flat head XBL, GBL, PBL: Long head XBS: Square head XLS: Square long head XBG: Guard ring XGS: Guard ring square XE, EB, GEB, XES: Mushroom head 40 φ BXE, BEB: Mushroom head 60 φ LEB, GLEB: Latching head PF, EPF, GPF, GEPF: Push on-Push off	22 : 22 φ 30 : 30 φ	1 2 3 4	O : N/O (a) C : N/C (b) O/C : N/O + N/C 1a + 1b	● R : Red ● G : Green ● Y : Yellow ● BL : Blue ● BK : Black ○ W : White

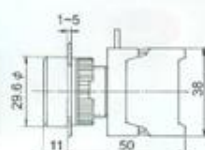
XB22-1/O



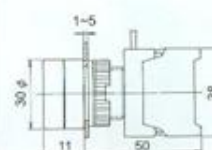
XLS22-1/O XLS22-1O/C
XLS22-1/C



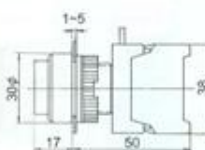
XB22-1O/C



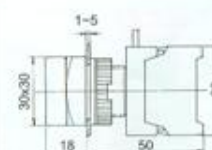
XBG22-1/O XBG22-1O/C
XBG22-1/C



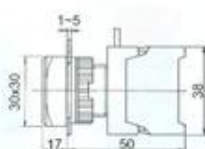
XBL22-1/O XBL22-1O/C
XBL22-1/C



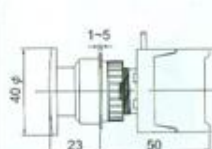
XGS22-1/O XGS22-1O/C
XGS22-1/C



XBS22-1/O XBS22-1O/C
XBS22-1/C



XE22-1/O XE22-1O/C
XE22-1/C



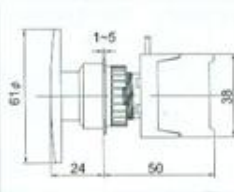
Push Button Switches, Ip65



BXE22-1/O
BXE22-1/C



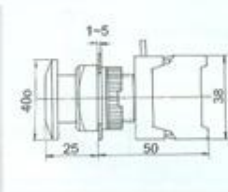
BXE22-1O/C



XES22-1/O
XES22-1/C



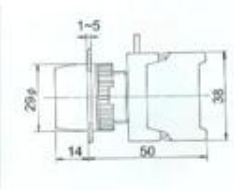
XES22-1O/C



GBF22-1/O
GBF22-1/C



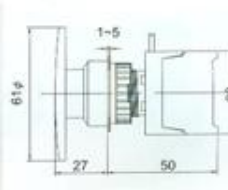
GBF22-1O/C



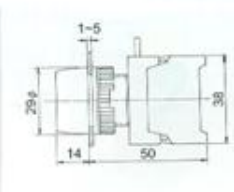
GEB22A-1/O
GEB22A-1/C



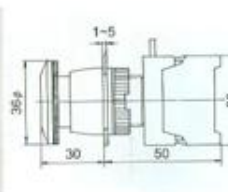
GEB22A-1O/C



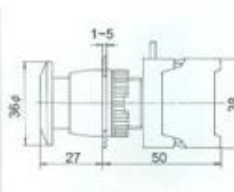
GPF22-1O/C



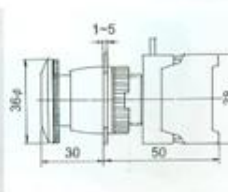
GLEB22-1/C



GEPF22-1O/C



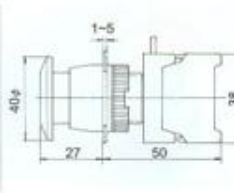
GLEB22-1O/C



GEB22-1/O
GEB22-1/C



GEB22-1O/C

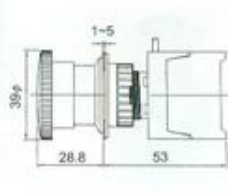


LMB22-1/C



LMB22-1O/C

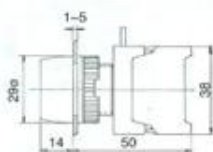
Latching stop



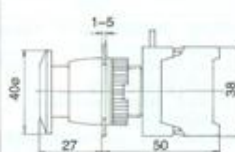
Push Button Switches, Ip65



PBF22-1/O(N/O)
PBF22-1/C(N/C)

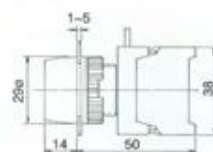


EB22-1/O
EB22-1/C

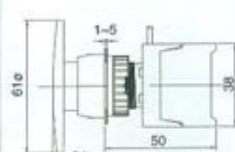


EB22-1O/C

PBF22-1O/C



BEB22-1/O
BEB22-1/C

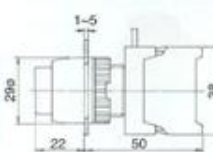


BEB22-1O/C

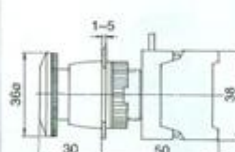
PBL22-1/O
PBL22-1/C



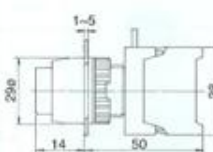
PBL22-1O/C



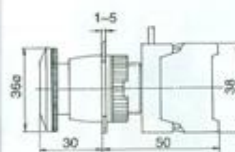
LEB22-1/C Latching



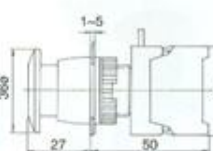
PF22-1O/C Push ON-Push OFF



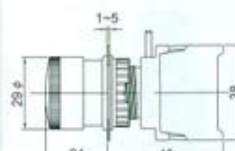
LEB22-1O/C Latching



EPF22-1O/C Push ON-Push OFF



LMS22-1/C, LMS22-1O/C



Illuminated Push Button Switches, Ip65

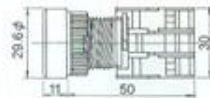


LXB	22	2	1	O/C	R	L
Type	Mounting hole	Voltage	No. of contact	Type of contact	Lens colour	Bulb type
LBF, LXB : GLBF, PFL, GPFL : Flat head	22 : 22 ϕ	1 : 110V	1	O : N/O (a)	R : Red	L : Led
LBS : Square head	30 : 30 ϕ	2 : 220V	2	C : N/C (b)	G : Green	F : Filament bulb
LBL, LXL : Long head		3 : 380V	3	O/C : N/O+N/C	Y : Yellow	N : Neon lamp
LXG : Guard head		4 : 440V	4	1a+1b	BL : Blue	
LXLS : Long head square		5 : 6V			W : White	
LXGS : Guard head square		6 : 12V				
EBL, LXE, EPFL : Mushroom head 40 ϕ		7 : 24V				
BLXE : Mushroom head 60 ϕ						
LXES : Mushroom head square 40 ϕ						

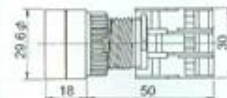
LXB22-1/O
LXB22-1/C



LXB22-1O/C



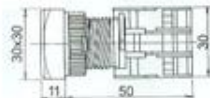
LXG22-1/O



LBS22-1/O
LBS22-1/C



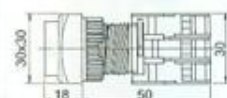
LBS22-1O/C



LXLS22-1/O
LXLS22-1/C



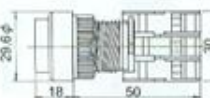
LXLS22-1O/C



LXL22-1/O
LXL22-1/C



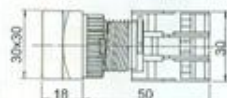
LXL22-1O/C



LXGS22-1/O
LXGS22-1/C



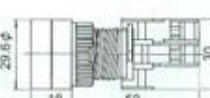
LXGS22-1O/C



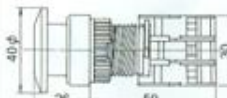
LXG22-1/O
LXG22-1/C



LXE22-1/O
LXE22-1/C



LXE22-1O/C



**Illuminated Push Button
Switches, Ip65**

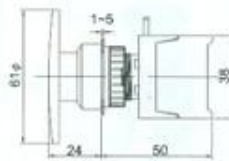


AUSPICIUS

BLXE22-1/O
BLXE22-1/C



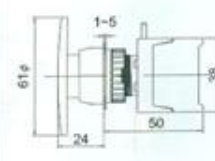
BLXE22-1O/C



GEBL22A-1/O
GEBL22A-1/C



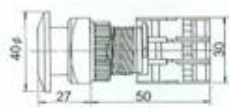
GEBL22A-1O/C



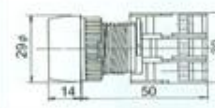
LXES22-1/O
LXES22-1/C



LXES22-1O/C



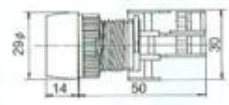
GPFL22-1O/C Push ON-Push OFF



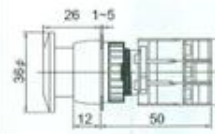
GLBF22-1/O
GLBF22-1/C



GLBF22-1O/C



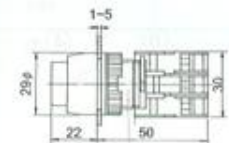
GEPFL22-1O/C Push ON-Push OFF



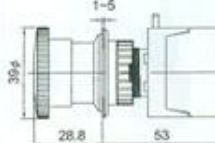
GLBL22-1/O
GLBL22-1/C



GLBL22-1O/C



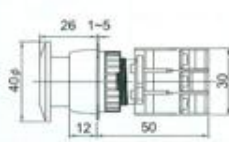
MBL22-1/C Illuminated latching stop



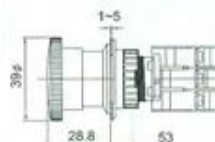
GEBL22-1/O
GEBL22-1/C



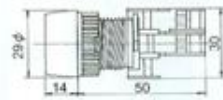
GEBL22-1O/C



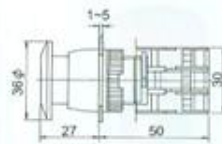
MBL22-1O/C Illuminated latching stop



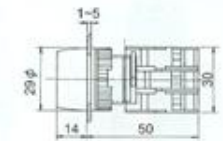
LBF22-1/O Illuminated
LBF22-1/C



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



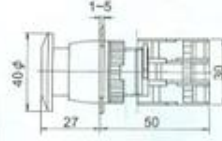
LBF22-1O/C Illuminated



EBL22-1/O
EBL22-1/C



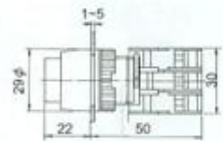
EBL22-1O/C Illuminated



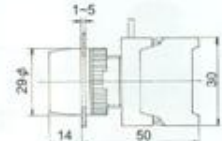
LBL22-1/O
LBL22-1/C



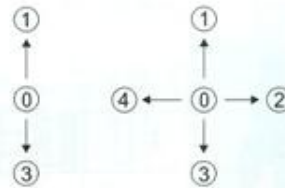
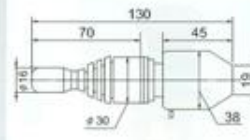
LBL22-1O/C Illuminated



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



Monolever switch (Joystick Switch)



Position	1, UP	4, Left	Center	2, Right	3, Down
1 4 3 2	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 2 4	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

40

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

Selector Switches, Lever Switches, Ip65

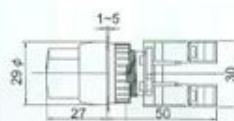


CS	22	2	1	O/C	BK
Type	Mounting hole	Position	No. of contact	Type of contact	Lens colour
CS, GCS : Knob type	22 : 22 φ	2 : 2 Position	1	O : 1/O, N/O	R : Red
LCS, GLCS : Long Knob	30 : 30 φ	3 : 3 Position	2	1a	G : Green
RS, GRS : Long & spring return			3	C : 1/C N/C	Y : Yellow
LRS, GLRS : Long knob spring return			4	1b	BK : Black
LS, GLS : Lever type				O/C : N/O+N/C	
LUS, GLUS : Lever & spring return				1a+1b	
KS, GKS : Key type drawble				2/O : 2N/O	
KSN, GKSN : Key type Non draw				2a	
KSR, GKSR : Key type spring return				2/C : 2N/C	
				2b	

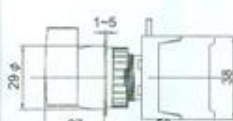
2 Position	2 Position	3 Position	2 Position Spring return	3 Position Spring return	3 Position return one side

CS22-1/O, 0-1
CS22-1/C, 1-0

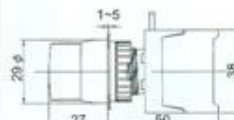
CS22-10/C 1-2



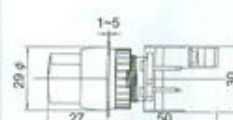
LCS22-2/O, 2N/O 1-0-2



CS22-2/O, 2N/O 1-0-2

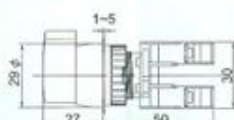


RS22-1/O 0-1 Spring return
RS22-1/C 1-0

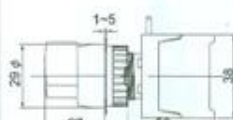


LCS22-1/O, 0-1
LCS22-1/C, 1-0

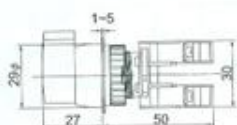
LCS22-10/C 1-2



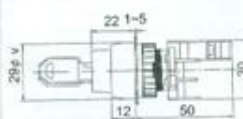
LRS22-1/O 0-1 Spring return
LRS22-1/C 1-0



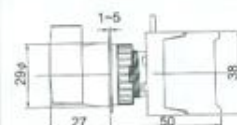
LRS22-10/C Spring return 1-2



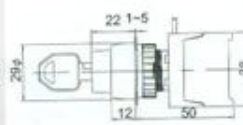
KS22-1/O 2 Position Drawable 0-1
KSN22-1/O 2 Position Non-Drawable 0-1



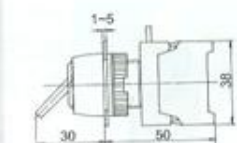
LRS22-2/O Spring return 1-0-2



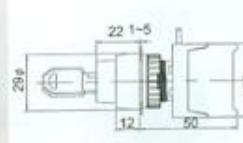
KS22-10/C 2 Position Drawable 1-2
KSN22-10/C 2 Position Non-Drawable 1-2



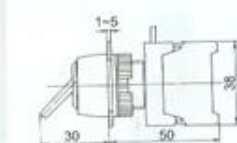
LS22-1/O 0-1 Lever sw
LS22-1/C 1-0



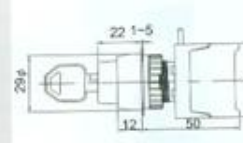
KSR22-10/C 1-2 Spring return



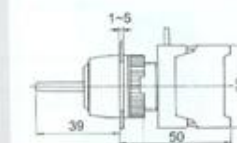
LS22-10/C 1-2 Lever sw
LS22-2/O 1-2



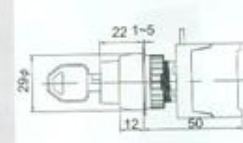
KS22-2/O 3 Position 1-0-2 Drawable
KSN22-2/O 3 Position 1-0-2 Non-Drawable



LUS22-2/O 1-0-2 Spring return, Lever sw
LUS22-2/C 1-0-2 Spring return, Lever sw



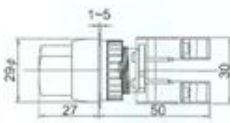
KSR22-2/O 3 Position 1-0-2 Spring return
KSR22A-2/O 1-0-2, KSR22B-2/O 1-0-2



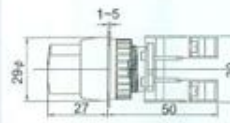
Selector Switches, Ip65



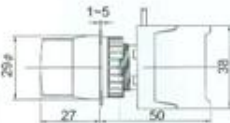
GCS22-1/O N/O,0-1, GCS22-1O/C,1-2
GCS22-1/C N/C,1-0



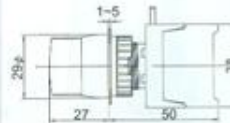
GRS22-1O/C,1- 2, Spring return



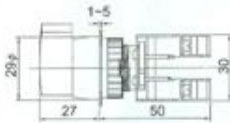
GCS22-2/O, 1-0-2



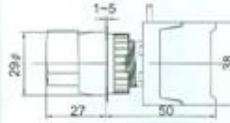
GRS22-2/O, 1- 0- 2, Spring return
GRS22A-2/O, 1-0-2, GRS22B-2/O 1-0- 2



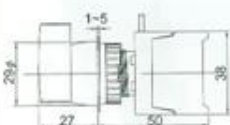
GLCS22-1/O, N/O, 0-1, GLCS22-1O/C, 1-2
GLCS22-1/C, N/C, 1-0



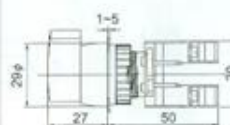
GLRS22-1/O,0- 1, Spring return
GLRS22-1/C,1- 0



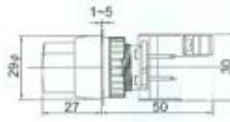
GLCS22-2/O, 1-0-2



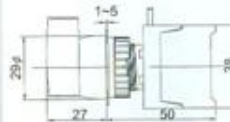
GLRS22-1O/C, 1- 2, Spring return



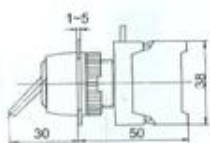
GRS22-1/O, 0- 1
GRS22-1/C, 1- 0



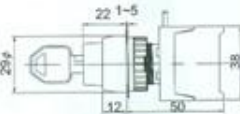
GLRS22-2/O,1- 0- 2 Spring return
GLRS22A-2/O,1- 0-2, GLRS22B-2/O,1-0- 2



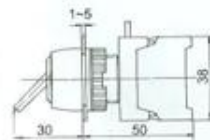
GLS22-1/O, 0-1 Lever sw
GLS22-1/C, 1-0



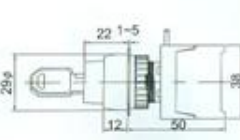
GKS22-2/O, 1-0-2, Drawable
GKSN22-2/O, 1-0-2, Non-drawable



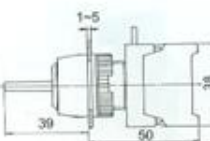
GLS22-1O/C, 1-2 Lever sw
GLS22-2/O, 1-2



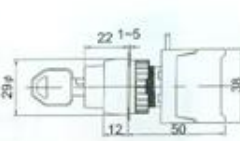
GKSR22-2/O, 1-0-2



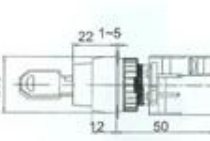
GLUS22-2/O 1-0-2, Spring return Lever sw
GLUS22-2/C 1-0-2



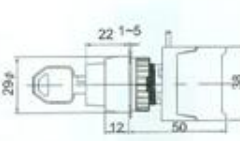
GKSR22A-2/O, 1-0-2, Spring return one side



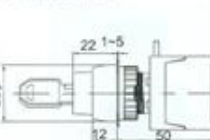
GKS22-1/O, 0-1, Drawable
GKSN22-1/O, 0-1, Non-drawable



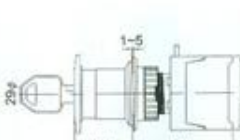
GKSR22B-2/O, 1-0-2, Spring return one side



GKS22-1O/C, 1-2, Drawable
GKSN22-1O/C, 1-2, Non-drawable



EKS22-1/O Emergency stop key switch
EKS22-1O/C

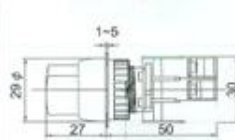


**Illuminated Selector
Switches 22 ϕ , Ip65**

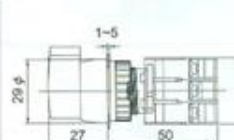


SL	22	2	2	1	O/C	R	L
Type	Mounting hole	Voltage	Position	No. of contact	Type of contact	Colour	Bulb type
SL, GSL: Knob type LSL, GLSL: Long Knob RL, GSRL: Knob & spring return LSRL, GLSRL: Long Knob & spring return	22: 22 ϕ 25: 25 ϕ 30: 30 ϕ	1: 110V 2: 220V 3: 380V 4: 440V 5: 6V 6: 12V 7: 24V	2: 2 Position 0-1 1-2 3: 3 Position 1-0-2	1 2 3 4	O: N/O (a) C: N/C (b) O/C: N/O+N/C 1a+1b	R: Red G: Green Y: Yellow W: White	L: Led F: Filament bulb N: Neon lamp
2 Position	2 Position	3 Position	2 Position Spring return	3 Position Spring return	3 Position rreturn one side		

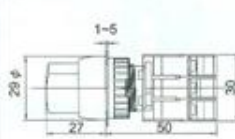
SL22-1/O, N/O, 0-1 SL22-1/C, N/C, 1-0



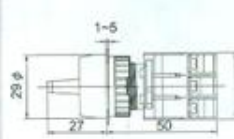
LSL22-1O/C, N/O+N/C, 1-2



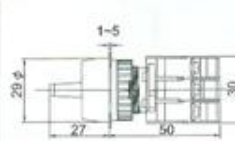
SL22-1O/C, N/O+N/C, 1-2



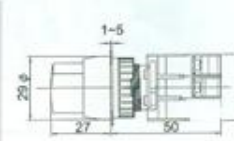
LSL22-2/O, 2N/O, 1-0-2



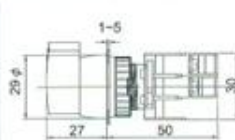
SL22-2/O, 2N/O, 1-0-2



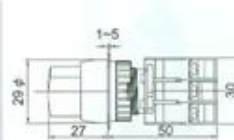
SRL22-1/O, 0-1 SRL22-1/C, 1-0



LSL22-1/O, N/O, 0-1 LSL22-1/C, N/C, 1-0



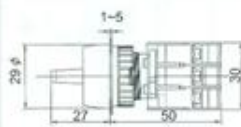
SRL22-1O/C, N/O+N/C, 1-2



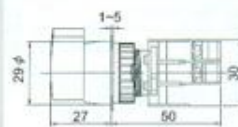
**Illuminated Selector
Switches 22 ϕ , Ip65**



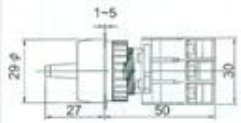
SRL22-2/O, 2N/O 1-0-2
SRL22A-2/O, 1-0-2, SRL22B-2/O, 1-0-2



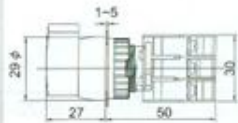
GLSL-1/O 0-1, GLSL22-1/C, 1-0



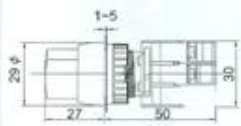
LSRL22-1/O, 0-1, LSRL22-10/C, 1-2
LSRL22-2/O, 1-0-2, LSRL22A-2/O, 1-0-2
LSRL22B-2/O, 1-0-2



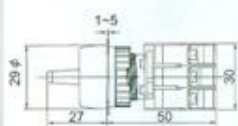
GLSL22-10/C N/O+N/C 1-2



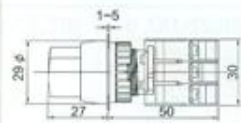
GSL22-1/O 0-1, N/O
GSL22-1/C 1-0, N/C



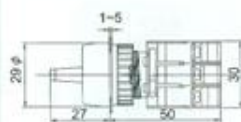
GLSL22-2/O, 2N/O, 1-0-2



GSL22-10/C N/O+N/C 1-2



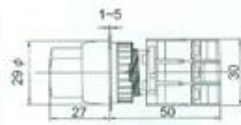
GSL22-2/O, 2N/O, 1-0-2



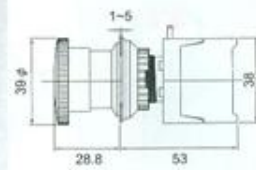
Illuminated Selector Switches 22 ϕ , Ip65
Illuminated E-Stop Switches



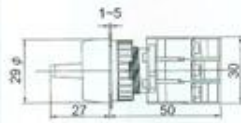
GSRL22-1/O, 0-1, GSRL22-1/C, 1-0
 GSRL22-1O/C, 1-2



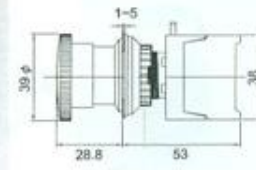
LMB 30-1/C 30mm mounting hole latching stop



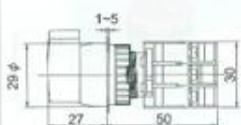
GSRL22-2/O, 2N/O, 1-0-2
 GSRL22A-2/O, 1-0-2, GSRL22B, 1-0-2



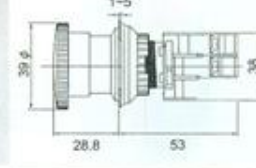
LMB 30-1O/C 30mm mounting hole latching stop



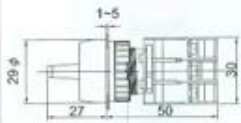
GLSRL22-1/O, 0-1
 GLSRL22-1O/C, 1-2



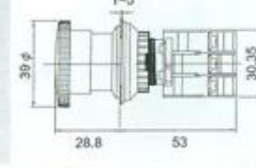
MBL 30-1/C Illuminated latching stop
 mounting hole : 30mm dia.



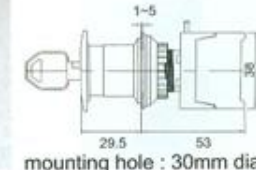
GLSRL22-2/O, 2N/O, 1-0-2
 GLSRL22A-2/O, 1-0-2, GLSRL22B-2/O, 1-0-2



MBL 30-1O/C Illuminated latching stop
 mounting hole : 30mm dia.

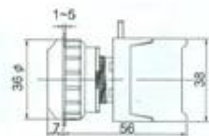


EKS 30-1/C Emergency stop key switch
 EKS 30-1O/C

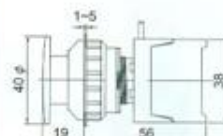


mounting hole : 30mm dia.

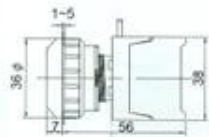
XB30-1/O
XB30-1/C



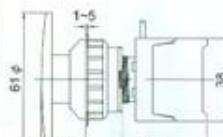
XE30-1/C
XE30-1O/C



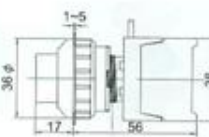
XB30-1O/C



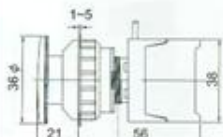
BXE30-1/C
BXE30-1O/C



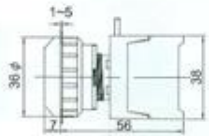
XL30-1/O XL30-1O/C
XL30-1/C



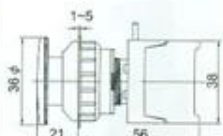
XLEB30-1/C Latching STOP



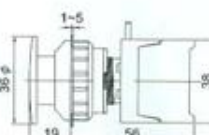
PFL30-1O/C Push ON-Push OFF



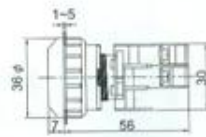
XLEB30-1O/C Latching STOP



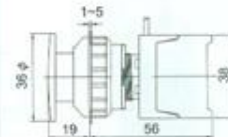
EPFL30-1O/C Push ON-Push OFF



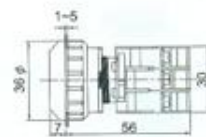
LXB30-1/O
LXB30-1/C



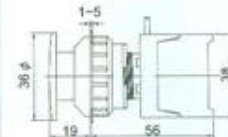
LXE30-1/O
LXE30-1/C



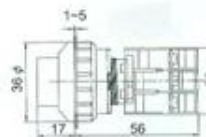
LXB301-O/C



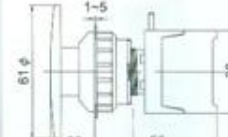
LXE30-1O/C



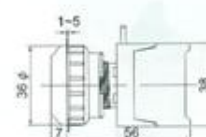
LXL30-1/O LXL30-1O/C
LXL30-1/C



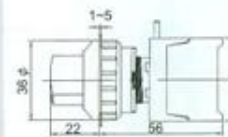
BLXE30-1/O BLXE30-1O/C
BLXE30-1/C



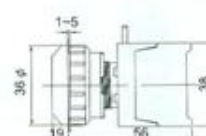
PFL30-1O/C Push ON-Push OFF



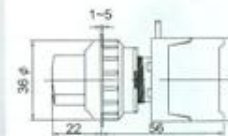
SS30-1/C 1-0
SS30-1/O 0-1



EPFL30-1O/C Push ON-Push OFF



SS30-1O/C 1-2

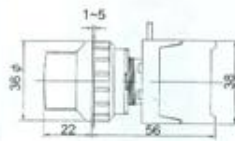


Selector Switches, KEY
Selector Switches 30 ϕ , Ip65

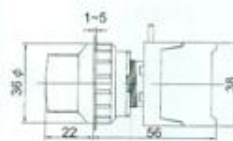


AUSPICIOUS

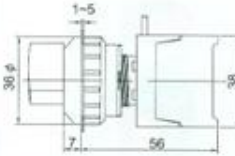
SS30-2/O 1-0-2



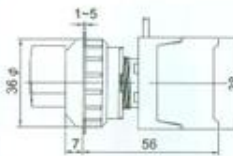
SR30-2/O, 1-0-2, Spring return
SR30A-2/O, 1-0-2, Spring return one side



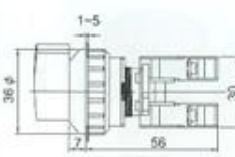
LSS30-1/O, 0-1
LSS30-1/C, 1-0



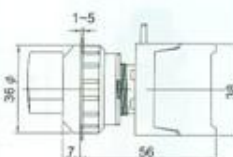
LSR30-1/O, 0-1, Spring return
LSR30-1/C, 1-0, Spring return



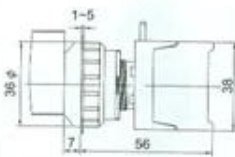
LSS30-10/C, 1-2



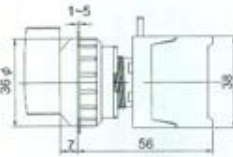
LSR30-10/C, 1-2, Spring return



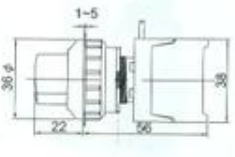
LSS30-2/O, 1-0-2



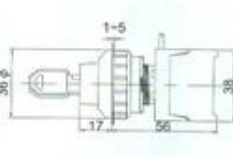
LSR30-2/O, 1-0-2, Spring return
LSR30-2/O, 1-0-2, Spring return one side



SR30-1/O, 0-1, SR30-10/C 1-2
SR30-1/C, 1-0, Spring return



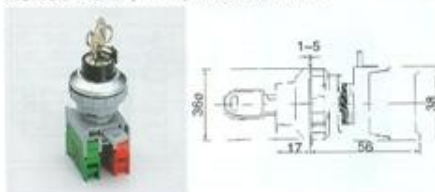
KS30-1/O 0-1
KS30-1/C 1-0



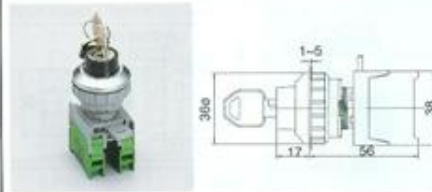
Illuminated Selector Switches
KEY Selector Switches 30 ϕ , Ip65



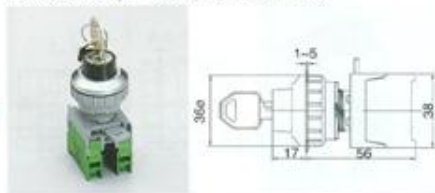
KS30-1O/C, 1-2, Drawable
 KSN30-1O/C, 1-2, Non-drawable



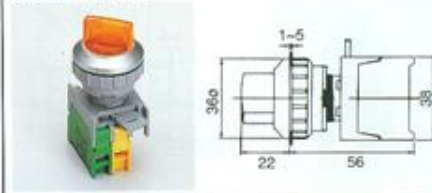
KSR30A-2/O, 1-0-2, Spring return one side



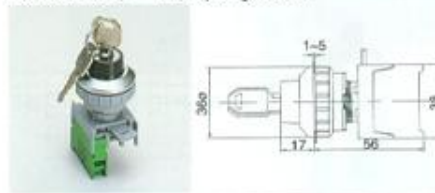
KS30-2/O, 1-0-2, Drawable
 KSN30-2/O, 1-0-2, Non-drawable



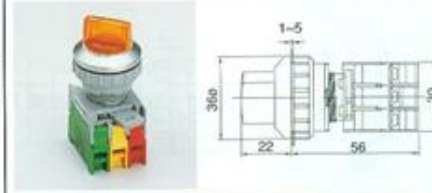
SL30-1/O, 0-1
 SL30-1/C, 1-0



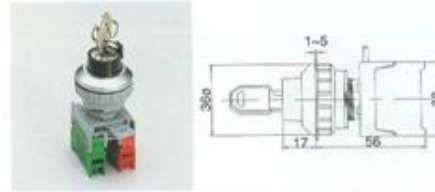
KSR30-1/O, 0-1, Spring return
 KSR30-1/C, 1-0, Spring return



SL30-1O/C, 1-2



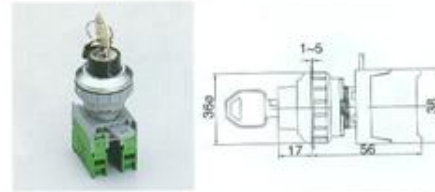
KSR30-1O/C, 1-2, Spring return



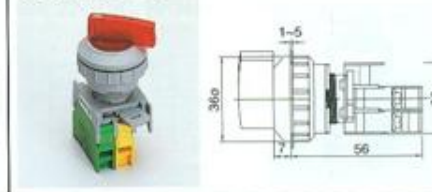
SL30-2/O, 1-0-2



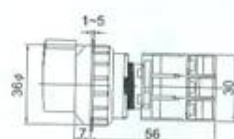
KSR30-2/O, 1-0-2, Spring return



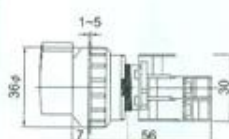
L30-1/O, 0-1
 L30-1/C, 1-0



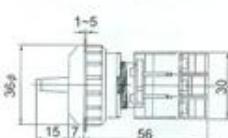
LSL30-1O/C , 1-2



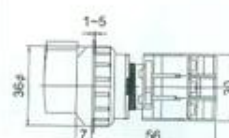
**LSRL30-1/O , 0-1
LSRL30-1/C , 1-0**



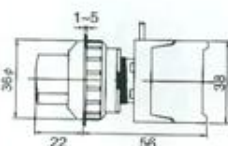
LSL30-2/O , 1-0-2



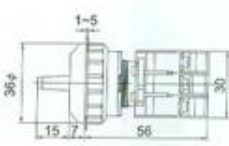
LSRL30-1O/C , 1-2



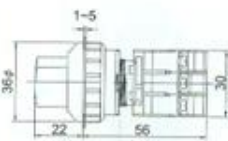
**SRL30-1/O , 0-1 , Spring return
SRL30-1/C , 1-0 , Spring return**



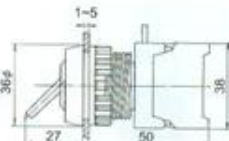
**LSRL30-2/O , 1-0-2
LSRL30A-2/O , 1-0-2**



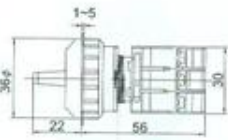
SRL30-1O/C , 1-2



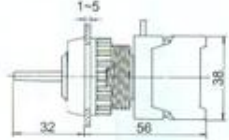
**LS30-1/O , 0-1, LS30-1O/C , 1-2
LS30-2/O , 0-1**



**SRL30-2/O , 1-0-2
SRL30A-2/O , 1-0-2**



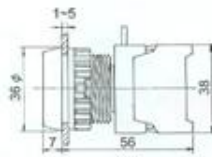
**LUS30-2/O , 1-0-2 , Spring return
LUS30-2/C , 1-0-2 , Spring return**



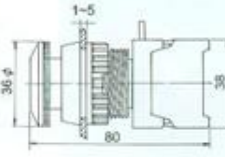
Illuminated Push Button Switches
Push Button Switches 30 ϕ , Ip65



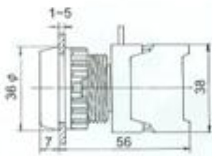
PBF30-1/O
PBF30-1/C



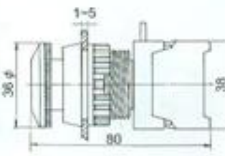
LEB30-1/C, Latching (Reset)



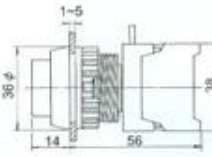
PBF30-1O/C



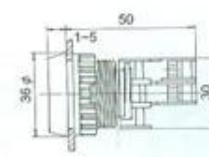
LEB30-1O/C, Latching (Reset)



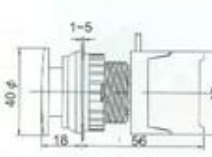
PBL30-1/O PBL30-1O/C
PBL30-1/C



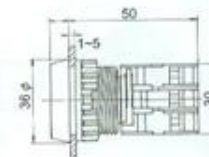
LBF30-1/O, Illuminated
LBF30-1/C



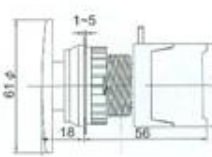
EB30-1/C
EB30-1O/C



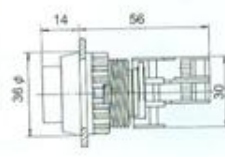
LBF30-1O/C, Illuminated



BEB30-1/C
BEB30-1O/C



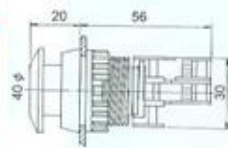
LBL30-1/O, LBL30-1O/C
LBL30-1/C



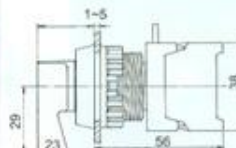
**Illuminated push Button
Selector Switches 30 ϕ , Ip65**



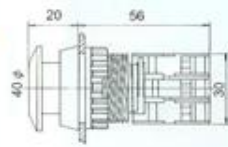
EBL30-1/C



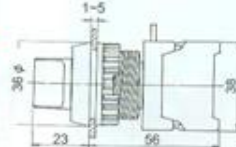
LCS30-2/O, 1-0-2



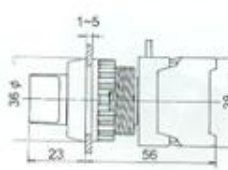
EBL30-10/C



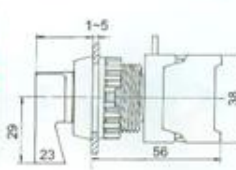
**RS30-1/O, 0-1, RS30-10/C, 1-2
RS30-1/C, 1-0**



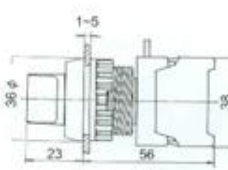
**CS30-1/O, 0-1, CS30-10/C, 1-2
CS30-1/C, 1-0**



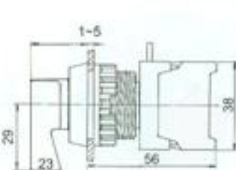
**LRS30-1/O, 0-1, LRS30-10/C, 1-2
LRS30-1/C, 1-0**



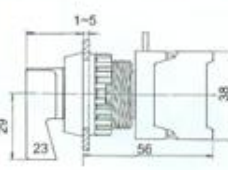
CS30-2/O, 1-0-2



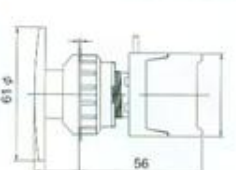
LRS30-2/O, 1-0-2



**LCS30-1/O, 0-1, LCS30-10/C, 1-2
LCS30-1/C, 1-0**



**BEBL30-1/C
BEBL30-10/C**



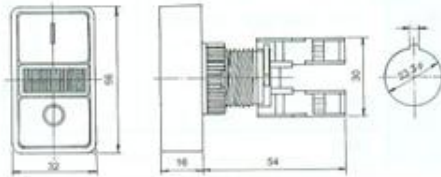
**Double Push Button 22 ϕ , 25 ϕ , 30 ϕ
Illuminated Double Push Button**



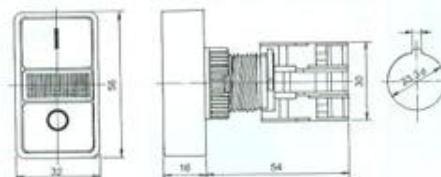
AUSPICIAL

DPB-22N	22	1	1O/C	WATER PROOF COVER
Illuminated type	Mounting hole	Voltage	Type of contact	
DPB-22N	22 : 22 ϕ	1 : 110V	O : N/O (a)	
DPB-25N	25 : 25 ϕ	2 : 220V	C : N/C (b)	
DPB-30N	30 : 30 ϕ	3 : 380V	O/C : N/O+N/C	
Push button		4 : 440V	1a+1b	
DPB-22		5 : 6V		
DPB-25		6 : 12V		
DPB-30		7 : 24V		
DPB	22		1O/C	

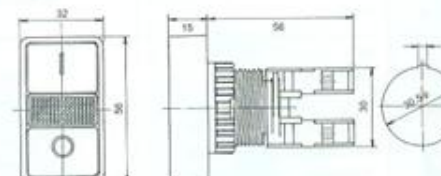
DPB-22
DPB-25



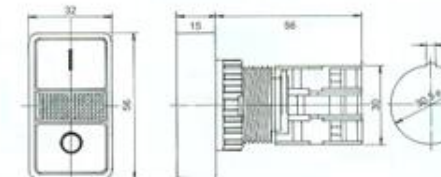
DPB-22N , Illuminated
DPB-25N

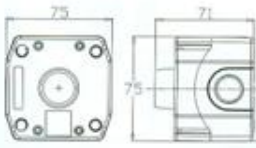
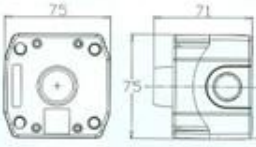
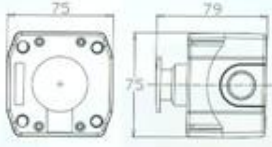
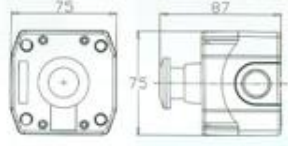
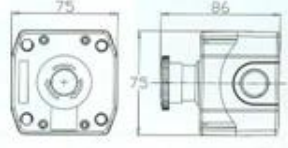
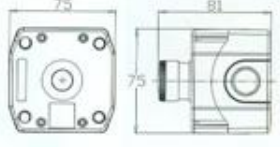


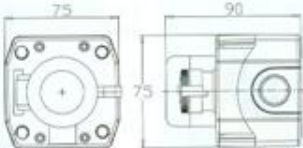
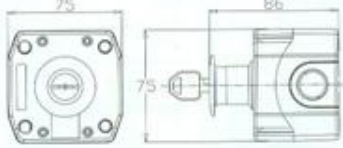
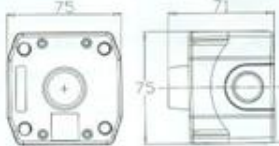
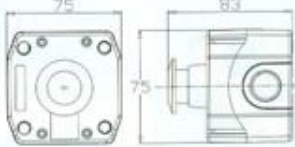
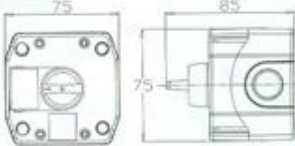
DPB-30N

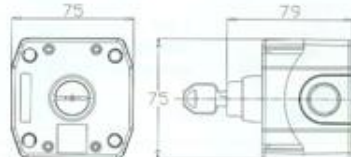
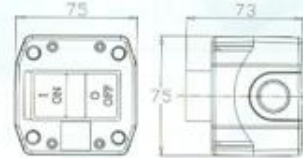
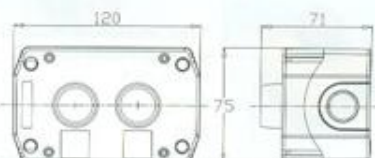
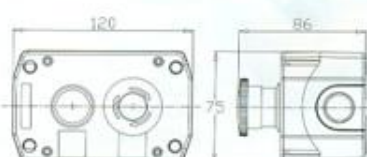


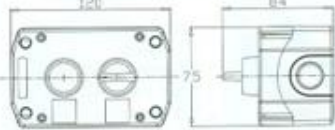
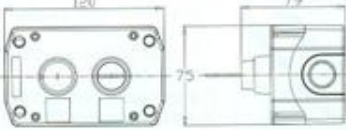
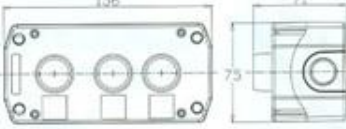
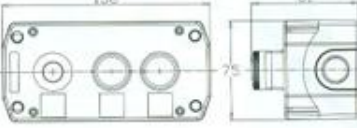
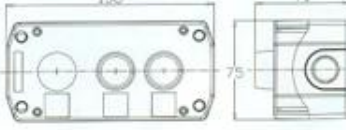
DPB-30N, Illuminated

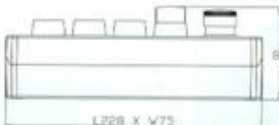
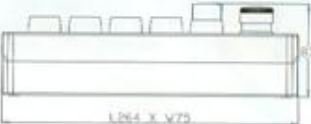
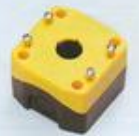
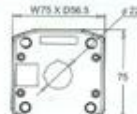
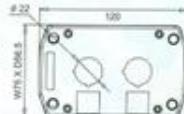
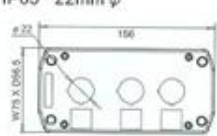
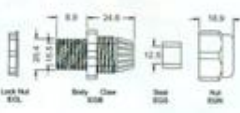


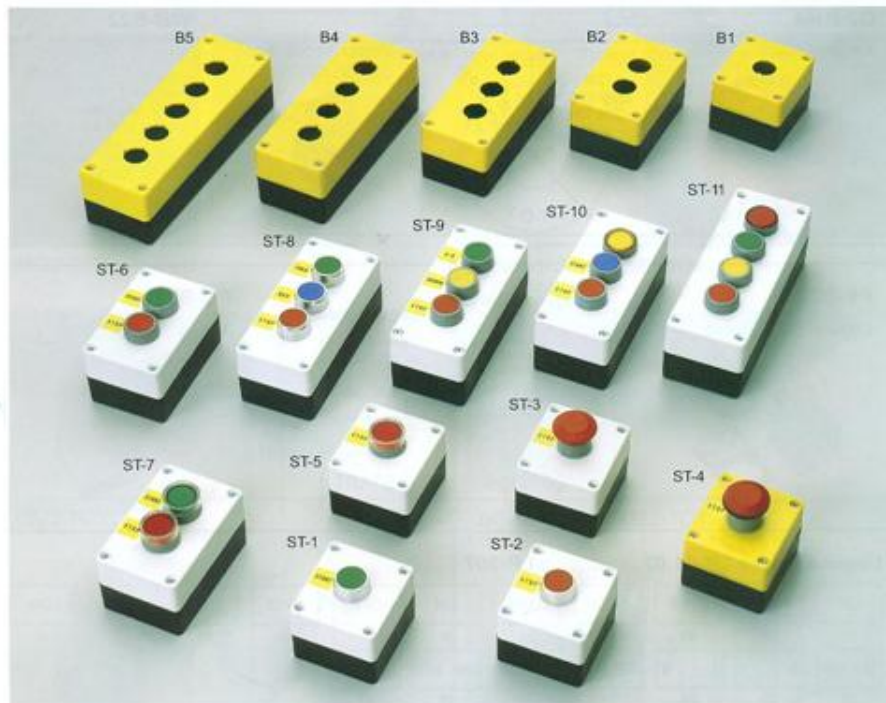
Type No	Contact & Description	Dimensions
B1-PBF-1O B1-PBF-1OC 	1N/O N/O+N/C 1 green flush push button spring return IP65	
B1-PBF-1C B1-PBF-1OC 	1N/C N/O+N/C 1 red flush push button spring return IP65	
B1-EB-1C B1-EB-1OC 	1N/C N/O+N/C 1 red mushroom head push button Spring return 40 ϕ IP65	
B1-LEB-1C B1-LEB-1OC 	N/C N/O+N/C 1 red mushroom head latching turn to release 40mm ϕ IP65	
B1-LMB-1C B1-LMB-1OC 	N/C NO+NC 1 red mushroom head latching turn to release 40mm ϕ IP65	
B1-LMS-1C B1-LMS-1OC 	N/C N/O+N/C 1 red mushroom head latching turn to release 29mm ϕ IP65	

Type No	Contact & Description	Dimensions
B1-MSC-1C B1-MSC-10C 	N/C N/O+N/C 1 red mushroom head latching turn to release with protect cover Ip65	
B1-EKS-1C B1-EKS-10C 	N/C N/O+N/C 1 red mushroom head latching key release 40mm ϕ Ip65	
B1-PF-10C 	N/O+N/C 1 green flush push button. PUSH-ON. PUSH-OFF Ip65	
B1-EPF-10C 	N/O+N/C 1 red mushroom head latching. PUSH-ON. PUSH-OFF 40mm ϕ Ip65	
B1-CS-10 B1-CS-10C B1-CS-20  B1-RS-10 B1-RS-10C B1-RS-20	N/O N/O+N/C 2 N/O 2 position 2 position 3 position Ip65 1N/C N/O+N/C 2N/O 1 Selector Switch 2 position spring return 3 position spring return	

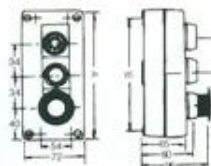
Type No	Contact & Description	Dimensions
 B1-KS-1O B1-KS-1OC B1-KS-2O	N/O 2 position N/O+N/C 2 position 2N/O 3 position Spring return N/O 2 position N/O+N/C 2 position 2N/O 3 position	
 B1-DPB-1OC B1-DPBN-1OC with lamp	N/O+N/C Double head pushbutton N/O+N/C 1 Double head push button, spring return with Neon lamp or LED lamp	
 B2-PBF-2O B2-PBF-2OC	N/O + N/C 1 green flush push button 1 red flush push button spring return N/O+N/C + N/O+N/C	
 B2-ESPB-1OC B2-ESPB-2OC	N/C + N/O 1 red mushroom head latching 1 green flush push button 2N/O+2N/C	

Type No	Contact & Description	Dimensions
 B2-PBCS-2O1C	N/O + N/O+N/C 1 flush green push button 1 Selector Switch 2 position	
 B2-PBKS-2OC	N/O + N/O+N/C 1 green flush push button 1 Key Selector Switch Ip65	
 B3-PB-2O1C	N/C+N/O+N/O 1 red flush push button 1 yellow flush push button 1 green flush push button switch Ip65	
 B3-ESPB-1O2C	N/C+N/C+N/O 1 red mushroom head latching 1 green flush push button switch 1 red flush push button Ip65	
 B3-LPB-1OC	lamp+N/C+N/O 1 red pilot light 1 green flush push button 1 red flush push button Ip65	
 B4-ECS-2O3C	N/C+N/C+N/O+N/O 1 red mushroom head latching 1 Selector Switch 1 green flush button 1 red flush button	

Type No	Contact & Description	Dimensions	
B4-ESPB-203C 	N/C+N/O+N/C+N/O 1 red mushroom head latching 1 Selector Switch 1 red push button 1 green push button		
B5-ECS-303C 	5 hole control box 1 red mushroom latching (N/C) 1 Selector Switch.2 position (N/O+N/C) 1 green push button (N/O) 1 red push button (N/C) 1 yellow push button (N/O)		
B5-ESPB-401C 	5 hole control box 1 red mushroom latching (N/C) 4 flush push button		
B6-ESPB-502C 	6 hole control box 1 red mushroom latching (N/C) 1 Selector Switch (N/O+N/C) 4 flush push button (4N/O)		
B-1A 	1 hole control box IP65 22mm ϕ 	B-2A 	2 hole control box IP65 22mm ϕ 
B-3A 	3 hole control box IP65 22mm ϕ 	EG-13.5 	cable grand for control box IP68 



ST-1	1 pushbutton "START"		ST-7	2 illuminated pushbutton with neon lamp "START" "STOP"	
ST-2	1 pushbutton "STOP"		ST-8	3 pushbuttons "FORWARD" "REVERSE" "STOP"	
ST-3	1 mushroom Head pushbutton.		ST-9	3 pushbuttons "UP" "DOWN" "STOP"	
ST-4	1 Latching mushroom head pushbutton "STOP"		ST-10	1 red pilot light with neon lamp 2 pushbuttons "START" "STOP"	
ST-5	1 illuminated push button with lamp "STOP"		ST-11	3 illuminated push button with neon lamp 1 Indicating lamp	
ST-6	2 pushbutton "START" "STOP"				



	A	B
1 Button	78	67
2 Button	111	89
3 Button	151	130
4 Button	185	150
5 Button	222	184

G2-BM4

Legend plate



WB-B22

Water Proof boot
Silicon rubber

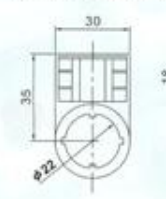


PF-B22

Legend plate Frame



Legend plate frame



Legend plate



PC-B22

Button protect cover



Legend plates LP-01,02,.....LP-307

UP 01	START 02	STOP 03	OPEN 04	CLOSE 05	ON 06	OFF 07	FWD 08	REV 09	HIGH 10	LOW 11
OFF ON 21	0 1 22	I II 23	STOP START 24	HIGH LOW 25	MAN AUTO 26	UP DOWN 27				
OFF ON 301	OFF ON 302	OFF ON 303	OFF ON 304	OFF ON 305	OFF ON 306	OFF ON 307				

EMO switch guards G1-B22



EMO switch guards G2-B22



Pad lock cover RC-B22



Locking ring wrench LW-B22

