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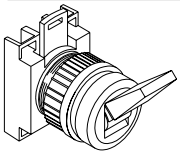
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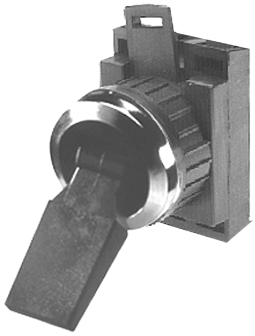
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Toggle switches



CBK-MTM



CBK-TS



CBK-CB10



5 contact block holder

Toggle switches

Type	Black plastic ring	Chrome plastic ring		Chrome metal ring	
	Catalog number	Catalog number	List price	Catalog number	List price
Maintained, 2 position ② 	CBK-TM	CBK-CTM	**$ 20.00**	CBK-MTM	**$ 22.50**
Maintained, 3 position ① 	CBK-TM3	CBK-CTM3	**20.00**	CBK-MTM3	**22.50**
Momentary, 3 position ② 	CBK-TS	CBK-CTS	**20.00**	CBK-MTS	**22.50**

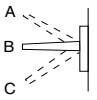
Toggle switch contacts and contact blocks



2 Position
As viewed from the front, the contacts are in the normal position with the switch handle in the "A" position. In the "C" position, the contact(s) change state.



3 Position Momentary
As viewed from the front, the contact(s) are in the normal position with the switch handle in the "B" position. In the "A" position, the left contact(s) change state. In the "C" position, the right contact(s) change state.



3 Position Maintained
As viewed from the front, the contact(s) are in the normal position with the switch handle in the "B" position. In the "A" position, the left and center contacts change state. In the "C" position, the right and center contacts change state.

Contact blocks (Maximum 6 per operator)

Type	Separate contact blocks catalog number	Included with operator suffix code	List price adder
1 N.O. 1 N.C.	CBK-CB10 CBK-CB01	10 01	**$ 8.00**
1 N.O. & 1N.C. 2 N.O. 2 N.C.	CBK-CB10 + CBK-CB01 CBK-CB10 + CBK-CB10 CBK-CB01 + CBK-CB01	11 20 02	**16.00**

Toggle switches are complete except for contact blocks.

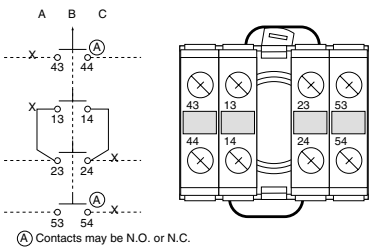
- To order a toggle switch operator complete with contact block, add the appropriate suffix code to the end of the catalog number and add the list price adder to the operator list price. EX: CBK-TM10, **$ 28.00**
- To order just the contact block, refer to "separate contact blocks" column and indicate catalog number and quantity. EX: CBK-CB10, qty 1, **$ 8.00**

Example of individual component ordering

CBK-TM $ 20.00 + **CBK-CB10 $ 8.00** = **CBK-TM10 $ 28.00**

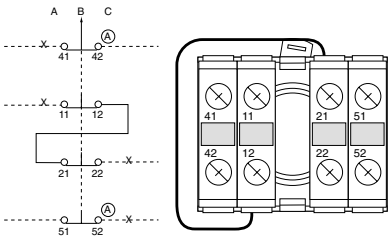
5 Contact block holders (Maximum 6 contact blocks)
To order an assembled unit with a 5 contact block holder, add the digit "5" to the end of the catalog number and add $ 4.00 to the list price. EXAMPLE: CBK-TM5, **$ 24.00**

Fig. 1 – Center position connection detail (CBK-TM & CBK-TS)



Ⓐ Contacts may be N.O. or N.C.

For B position, normally open function

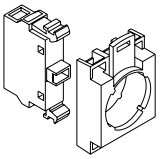


Ⓐ Contacts may be N.O. or N.C.

For B position, normally closed function

① Contact blocks can be used in the center position.
② For center position operation, see Fig. 1.

Discount schedule CA



Components
Contact blocks & holders

Operator mounted contacts

All CBK contact blocks, lamp modules and transformers can be used with CBK 22mm and CBG 30mm operators.

Contact blocks are color coded to easily identify the contact configuration:

- Green — Normally Open (N.O.) contacts
- Red — Normally Closed (N.C.) contacts

In addition, they snap-on to the operator for time saving installation



Operator mounted contact block

Base mounted contacts

Base mounted contact blocks are used in 22mm enclosures and on 35mm DIN rail and are available in the compact CBK design.

Up to 5 contact blocks can be mounted per pushbutton in some combinations.

The wiring stays with the enclosure base; the operators can be removed with the cover.

For complete DIN rail mounting kit, see page 1.36

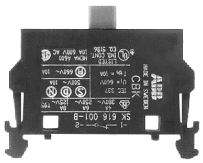


Base mounted contact block

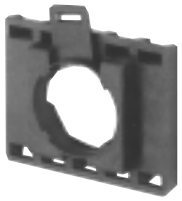
Contact blocks — operator mounted

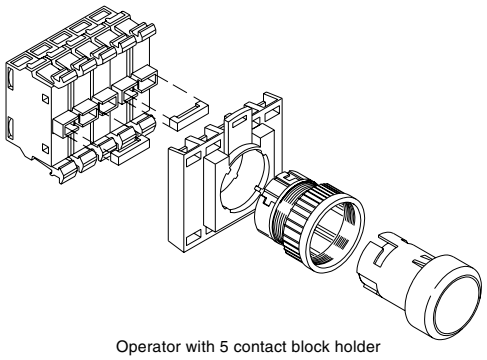
Item	Contact configuration	Catalog number	List price
 CBK-CB10	1 N.O. 1 N.C.	CBK-CB10 CBK-CB01	**$ 8.00**
	Gold plated low energy contacts, 24VAC, 5mA		
	1 N.O. 1 N.C.	CBK-CB10G CBK-CB01G	**16.00**
CBK-XBB	Dummy block	CBK-XBB	**2.00**

Contact blocks — base mounted

Item	Contact configuration	Catalog number	List price
 CBK-CBR10	1 N.O. 1 N.C.	CBK-CBR10 CBK-CBR01	**$ 8.00**
	Gold plated low energy contacts, 24VAC, 5mA		
	1 N.O. 1 N.C.	CBK-CBR10G CBK-CBR01G	**16.00**

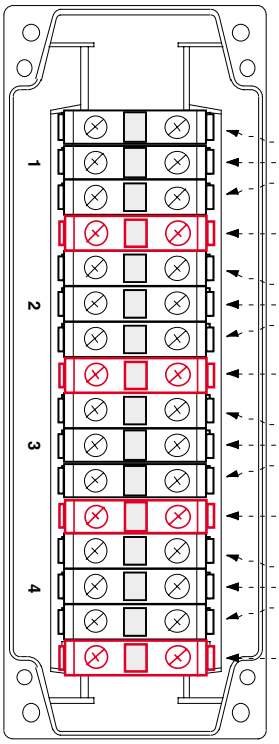
Contact block holder

	Item	Catalog number	List price
 CBK-H5	5 block holder includes two CBK-AB bridges	CBK-H5	**$ 4.00**
 CBK-AB	Bridges	CBK-AB	**2.00**
 CBK-CH	3 block holder	CBK-CH	**2.00**



Operator with 5 contact block holder

Possible base mounted contact block mounting configurations



Up to a maximum of 16 contact blocks may be installed in a 4-hole p.b. station. (4 contact blocks per pilot device.)

As shown, it is possible to use up to five contact blocks in either the 2nd, 3rd or 4th positions, though not all at once, by using the actuator bridges as indicated.

Dedicated to position 1

Available for device in pos. 1 or pos. 2 (Requires actuator bridge)

Dedicated to position 2

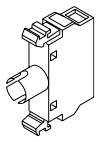
Available for device in pos. 2 or pos. 3 (Requires actuator bridge)

Dedicated to position 3

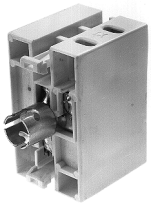
Available for device in pos. 3 or pos. 4 (Requires actuator bridge)

Dedicated to position 4

Available for device in pos. 4 (Requires actuator bridge)



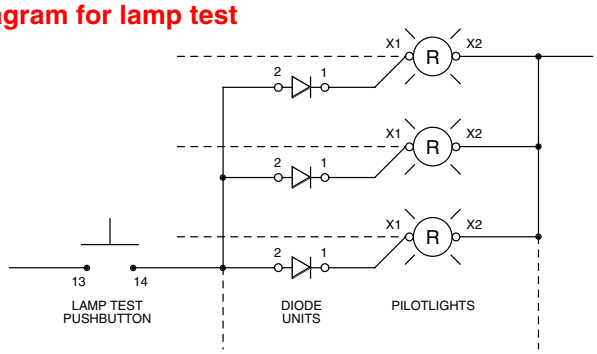
Lamp modules & transformers — operator mounted

Item	Voltage	Catalog number	List price
 CBK-LMF	**Lamp module**		
	Full voltage type	CBK-LMF	**$ 17.50**
	Resistor type		
	120V/60V	CBK-LMR1	
	240V/120V	CBK-LMR2	**21.50**
	24V①	CBK-LMR24	
	120V/24V②	CBK-LMLED	
 CBK-LMT1	**Lamp module transformer**		
	120V/6V	CBK-LMT1	
	240V/6V	CBK-LMT2	
	380V/6V	CBK-LMT3	
	480V/6V	CBK-LMT4	**35.00**
	120V/24V	CBK-LMT124	
	240V/24V	CBK-LMT224	
	380V/24V	CBK-LMT324	
	480V/24V	CBK-LMT424	
 CBK-LT1	**Illuminated pushbutton transformer** ④		
	120V/6V	CBK-LT1	
	240V/6V	CBK-LT2	
	380V/6V	CBK-LT3	
	480V/6V	CBK-LT4	**35.00**
	120V/24V	CBK-LT124	
	240V/24V	CBK-LT224	
	380V/24V	CBK-LT324	
	480V/24V	CBK-LT424	

Diode block

Item	Voltage	Catalog number	List price
 CBK-CBD	250V, 1A	CBK-CBD	**$ 14.00**

Diagram for lamp test



WHEN SEVERAL PILOT LIGHTS ARE CONNECTED TO A COMMON LAMP TEST BUTTON, CONNECT A DIODE TO EACH PUSHBUTTON AS SHOWN. A SPECIAL DIODE BLOCK IS AVAILABLE FOR THIS PURPOSE.

Lamp modules & transformers — base mounted

Item	Voltage	Catalog number	List price
 CBK-LMFB	Full voltage type	CBK-LMFB	**$ 17.50**
	Resistor type		
	120V/60V	CBK-LMRB1	
	240V/120V	CBK-LMRB2	**21.50**

Lamp bulbs

Item	Voltage	Catalog number	List price
Filament type **Neon type**  CBK-LB6 CBK-LBN1	**Filament**		
	6 VAC/DC	CBK-LB6	
	12 VAC/DC	CBK-LB12	
	24 VAC/DC	CBK-LB24	
	30 VAC/DC	CBK-LB30	
	48 VAC/DC	CBK-LB48	**$ 6.00**
	60 VAC/DC	CBK-LB60	
	130 VAC/DC	CBK-LB1	
	Neon③		
	110 VAC/DC	CBK-LBN1	
	220 VAC	CBK-LBN2	
	220 VDC	CBK-LBND2	
	Color		
LED Bulbs④	**Standard**		
	Red 24 VAC/DC	CBK-LBD8R	**15.00**
	120 VAC	CBK-LBD1R	**15.00**
	230 VAC	CBK-LBD2R	**21.00**
	Green 24 VAC/DC	CBK-LBD8G	**15.00**
	120 VAC	CBK-LBD1G	**15.00**
	230 VAC	CBK-LBD2G	**21.00**
 CBK-LBD1R	Yellow 24 VAC/DC	CBK-LBD8Y	**15.00**
	120 VAC	CBK-LBD1Y	**15.00**
	230 VAC	CBK-LBD2Y	**21.00**
	Blue 24 VAC/DC	CBK-LBD8L	**18.00**
	120 VAC	CBK-LBD1L	**18.00**
	230 VAC	CBK-LBD2L	**24.00**
	White 24 VAC/DC	CBK-LBD8W	**18.00**
	120 VAC	CBK-LBD1W	**18.00**
	230 VAC	CBK-LBD2W	**24.00**
	Flashing		
	Red 24 VDC	CBK-LBDRF	
	Green 24 VDC	CBK-LBDGF	**20.00**
	Yellow 24 VDC	CBK-LBDYF	

22 mm

① Designed for electronic circuits. The resistor limits the making current and prevents disturbances in the circuit. 24V filament bulb required.
② Designed for LED 24V bulbs.
③ Use with red, yellow and clear lenses only.
④ Mounts onto CBK-LMF.



Components
Pushbutton and pilot light lens inserts①

22 mm

Legend	Cap color	Suffix code ②	Flush button catalog number	Extended button catalog number	Pilot light catalog number	List price
0	White Red Black	C21 C22 C23	CBK-KC21 CBK-KC22 CBK-KC23	CBK-KC21E CBK-KC22E —	CBK-KC21P — —	
I	White Red Black	C24 C25 C26	CBK-KC24 CBK-KC25 CBK-KC26	CBK-KC24E — —	CBK-KC24P — —	
II	White Red Black	C27 C28 C29	CBK-KC27 CBK-KC28 CBK-KC29	CBK-KC27E — —	CBK-KC27P — —	
III	White Black	C30 C31	CBK-KC30 CBK-KC31	CBK-KC30E —	— —	
+	White Red Black	C32 C33 C34	CBK-KC32 CBK-KC33 CBK-KC34	CBK-KC32E — —	— — —	
–	White Red Black	C35 C36 C37	CBK-KC35 CBK-KC36 CBK-KC37	CBK-KC35E — —	— — —	
	White Black	C13 C38	CBK-KC13 CBK-KC38	CBK-KC13E —	CBK-KC13P —	
	White Black	C39 C40	CBK-KC39 CBK-KC40	CBK-KC39E —	— —	
	White Black	C41 C42	CBK-KC41 CBK-KC42	CBK-KC41E —	— —	
	White Black	C43 C44	CBK-KC43 CBK-KC44	CBK-KC43E —	— —	
	White Black	C45 C46	CBK-KC45 CBK-KC46	CBK-KC45E —	— —	
	White	C14	CBK-KC14	CBK-KC14E	CBK-KC14P	
	White Black	C47 C48	CBK-KC47 CBK-KC48	CBK-KC47E —	— —	
	White Black	C49 C50	CBK-KC49 CBK-KC50	CBK-KC49E —	— —	$ .90
	White Black	C51 C52	CBK-KC51 CBK-KC52	CBK-KC51E —	— —	
	White Black	C53 C54	CBK-KC53 CBK-KC54	CBK-KC53E —	— —	
	White Black	C55 C56	CBK-KC55 CBK-KC56	CBK-KC55E —	— —	
	White Black	C57 C58	CBK-KC57 CBK-KC58	CBK-KC57E —	— —	
	White Black	C59 C60	CBK-KC59 CBK-KC60	CBK-KC59E —	— —	
	White Black	C61 C62	CBK-KC61 CBK-KC62	CBK-KC61E —	— —	
	White Black	C63 C64	CBK-KC63 CBK-KC64	CBK-KC63E —	— —	
	White Black	C65 C66	CBK-KC65 CBK-KC66	CBK-KC65E —	— —	
	White	C78	—	—	CBK-KC78P	
	White	C79	—	—	CBK-KC79P	
	White	C76	CBK-KC76	—	—	
	White	C77	CBK-KC77	—	—	
	White	C80	CBK-KC80	—	—	

① Illuminated pushbuttons and pilot lights must use white insert.
② For extended pushbuttons, insert “E” at the end of the catalog number. For pilot lights, insert “P” at end of the catalog number.

Components
Pushbutton and pilot light lens inserts①



Legend	Cap color	Suffix code②	Flush button catalog number	Extended button catalog number	Pilot light catalog number	List price
	White	C82	CBK-KC82	—	—	$ .90
Start	White	C67	CBK-KC67	CBK-KC67E	CBK-KC67P	
START	Green Black	C5 C81	CBK-KC5 CBK-KC81	— —	— —	
On	White	C68	CBK-KC68	CBK-KC68E	CBK-KC68P	
ON	White Green Black	C69 C70 C1	CBK-KC69 CBK-KC70 CBK-KC1	— — —	CBK-KC69P — —	
Off	White	C71	CBK-KC71	CBK-KC71E	CBK-KC71P	
OFF	White Red Black	C72 C73 C2	— — CBK-KC2	CBK-KC72E CBK-KC73E CBK-KC2E	— — —	
Stop	White	C74	CBK-KC74	CBK-KC74E	CBK-KC74P	
STOP	Red	C4	CBK-KC4	CBK-KC4E	—	
Reset	White	C75	CBK-KC75	CBK-KC75E	CBK-KC75P	
Blank	White Green	C15 CG	CBK-KC15 CBK-KCG	CBK-KC15E CBK-KCEG	CBK-KC15P —	
UP	Green	C11	CBK-KC11	—	—	
DOWN	Green	C12	CBK-KC12	—	—	
OPEN	White Green	C16 C19	CBK-KC16 CBK-KC19	— —	— —	
CLOSE	White Green	C17 C20	CBK-KC17 CBK-KC20	— —	— —	
REV	Green	C6	CBK-KC6	—	—	
FWD	Green	C7	CBK-KC7	—	—	
SLOW	Green	C8	CBK-KC8	—	—	
FAST	Green	C9	CBK-KC9	—	—	
JOG	Green	C10	CBK-KC10	—	—	
RESET	Black	C3	CBK-KC3	—	—	
LATCH	White	C18	CBK-KC18	—	—	

22 mm



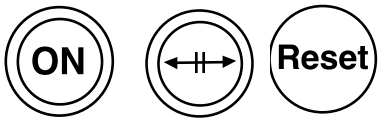
Flush pushbutton



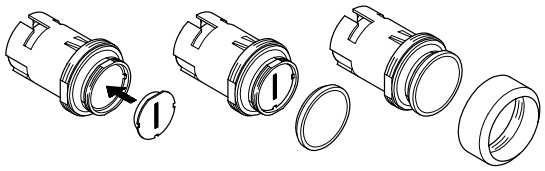
Extended pushbutton



Pilot light



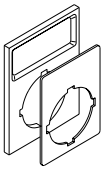
Examples of inserts



1 2 3

Insert assembly

① Illuminated pushbuttons and pilot lights must use white insert.
② For extended pushbuttons, insert “E” at the end of the catalog number. For pilot lights, insert “P” at end of the catalog number.

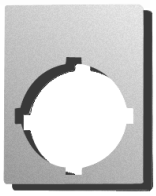


Components
Nameplate inserts, fixed nameplates



CBK-NP9


CBK-KNPHB


CBK-NPE28-01



CBK-NPE22



CBK-NPE30

Nameplate inserts — aluminum ①②

Legend	Legend	Catalog number	List price
1 Position			
CLOSE	OPEN	CBK-NP1	
ON	OFF	CBK-NP2	
FAST	SLOW	CBK-NP3	
DOWN	UP	CBK-NP4	
EMERGENCY STOP	RELEASE	CBK-NP5	
CANCEL	RESET	CBK-NP6	
IN	OUT	CBK-NP7	$ .70
LOWER	RAISE	CBK-NP8	
START	STOP	CBK-NP9	
INCHING	JOG	CBK-NP10	
RUN	FULL	CBK-NP11	
FORWARD	REVERSE	CBK-NP12	
2 Position (BC Position)			
OFF/ON	STOP/START	CBK-NP13	
LOW/HIGH	SLOW/FAST	CBK-NP14	.70
CLOSE/OPEN	JOG/RUN	CBK-NP15	
HAND/AUTO	O/I	CBK-NP16	
2 Position (AC Position)			
OFF/ON	STOP/START	CBK-NP13AC	
LOW/HIGH	SLOW/FAST	CBK-NP14AC	.70
CLOSE/OPEN	JOG/RUN	CBK-NP15AC	
HAND/AUTO	O/I	CBK-NP16AC	
3 Position			
HAND/O/AUTO	I/0/II	CBK-NP17	.70
SLOW/OFF/FAST	BLANK	CBK-NP18	
Blank			
BLANK (Aluminum)	BLANK	CBK-NP19	.70
Custom engraving			
NOTE: For custom engraving instructions, please see "Ordering instructions" pg.1.33			.90

Nameplate holders — plastic

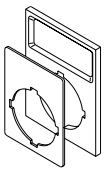
Color	Catalog number	List price
Black	CBK-KNPHB	$ .70

Fixed nameplates — plastic and aluminum

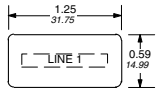
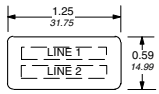
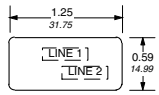
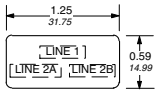
Legend	Plastic finish	Aluminum finish	List price
1 Position			
CLOSE	CBK-NPE1BA	CBK-NPE1	
DOWN	CBK-NPE2BA	CBK-NPE2	
EMERGENCY STOP	CBK-NPE3BA	CBK-NPE3	
FAST	CBK-NPE4BA	CBK-NPE4	
FORWARD	CBK-NPE5BA	CBK-NPE5	
INCHING	CBK-NPE6BA	CBK-NPE6	
IN	CBK-NPE7BA	CBK-NPE7	
LEFT	CBK-NPE8BA	CBK-NPE8	
LOWER	CBK-NPE9BA	CBK-NPE9	
OFF	CBK-NPE10BA	CBK-NPE10	
ON	CBK-NPE11BA	CBK-NPE11	$ 1.50
OPEN	CBK-NPE12BA	CBK-NPE12	
RAISE	CBK-NPE13BA	CBK-NPE13	
RESET	CBK-NPE14BA	CBK-NPE14	
REVERSE	CBK-NPE15BA	CBK-NPE15	
RUN	CBK-NPE16BA	CBK-NPE16	
RIGHT	CBK-NPE17BA	CBK-NPE17	
SLOW	CBK-NPE18BA	CBK-NPE18	
START	CBK-NPE19BA	CBK-NPE19	
STOP	CBK-NPE20BA	CBK-NPE20	
UP	CBK-NPE21BA	CBK-NPE21	
2 Position (BC Position)			
HAND/AUTO	CBK-NPE22BA	CBK-NPE22	
JOG/RUN	CBK-NPE23BA	CBK-NPE23	
OFF/ON	CBK-NPE24BA	CBK-NPE24	1.50
STOP/START	CBK-NPE25BA	CBK-NPE25	
FWD/REV	CBK-NPE32BA	CBK-NPE32	
2 Position (AC Position)			
HAND/AUTO	CBK-NPE22BAAC	CBK-NPE22AC	
JOG/RUN	CBK-NPE23BAAC	CBK-NPE23AC	
OFF/ON	CBK-NPE24BAAC	CBK-NPE24AC	1.50
STOP/START	CBK-NPE25BAAC	CBK-NPE25AC	
FWD/REV	CBK-NPE32BAAC	CBK-NPE32AC	
3 Position			
HAND/O/AUTO	CBK-NPE26BA	CBK-NPE26	
SLOW/OFF/FAST	CBK-NPE27BA	CBK-NPE27	1.50
LOW/OFF/HIGH	CBK-NPE31BA	CBK-NPE31	
Blank			
BLANK – Aluminum (1-2 line)		CBK-NPE28	
BLANK – Aluminum (1-3 line)		CBK-NPE29	
BLANK – Plastic brushed aluminum finish (1-2 line)		CBK-NPE28BA	1.50
BLANK – Plastic brushed aluminum finish (1-3 line)		CBK-NPE29BA	
BLANK – Plastic (1-2 line)③		CBK-NPE28P	
BLANK – Plastic (1-3 line)③		CBK-NPE29P	
Custom engraving			
NOTE: For custom engraving instructions, please see "Ordering Instructions, page 1.33			6.50
Other			
EMERGENCY STOP (70mm)	Aluminum	CBK-NPE30	6.00
EMERGENCY STOP (70mm)	Plastic	CBK-NPE34	5.00

① Nameplate holders are required.
② Nameplate inserts have markings on both sides. EX: CBK-NP1 has "CLOSE" on the front side and "OPEN" on the back side.
③ The plastic blank is black on one side and white on the other.

Components
Custom engraved inserts and nameplates



Nameplate inserts — aluminum①

Type	Maximum letters per line	Catalog number	List price
 1 line	11	CBK-NP19-01	$ 5.90
 2 lines	11	CBK-NP19-02	
 2 position selector switch	5	CBK-NP19-03	
 3 position selector switch	5	CBK-NP19-04	

General specifications

1. All characters are 1/8" high, upper & lower case. Please specify if all capital letters are desired.
2. The legend plate inserts and the fixed legend plates are silver-grey anodized aluminum.
3. All special engravings involve engraving the desired lettering into the metal surface and then treating the engraved surfaces with black ink.

Ordering custom engraved nameplates

1. Select the desired legend plate.
2. Indicate the catalog number.
3. Write the desired words to be engraved on each line.

   EX: CBK-NPE28-02

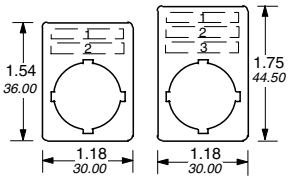
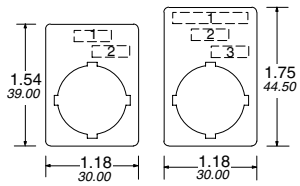
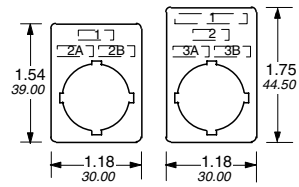
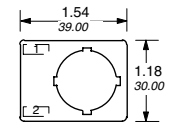
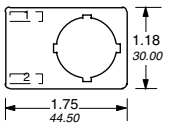
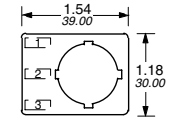
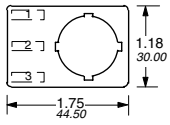
   Line 1: Pump No. 1

   Line 2: Off



CBK-NPE28-02

Fixed nameplates — aluminum or plastic①

Type	Maximum letters per line	Finish②	Catalog number	List price
 Pushbuttons or pilot lights	11 39mm	A B BA W	CBK-NPE28-01 CBK-NPE28B-01 CBK-NPE28BA-01 CBK-NPE28W-01	$ 6.50
	11 44.5mm	A B BA W	CBK-NPE29-01 CBK-NPE29B-01 CBK-NPE29BA-01 CBK-NPE29W-01	
 2 Position selector switches	5 39mm	A B BA W	CBK-NPE28-02 CBK-NPE28B-02 CBK-NPE28BA-02 CBK-NPE28W-02	
	11 (line 1) 5 (line 2) 5 (line 3) 44.5mm	A B BA W	CBK-NPE29-02 CBK-NPE29B-02 CBK-NPE29BA-02 CBK-NPE29W-02	
 3 Position selector switches	5 39mm	A B BA W	CBK-NPE28-03 CBK-NPE28B-03 CBK-NPE28BA-03 CBK-NPE28W-03	
	11 (line 1) 5 (line 2) 5 (line 3A) 5 (line 3B) 44.5mm	A B BA W	CBK-NPE29-03 CBK-NPE29B-03 CBK-NPE29BA-03 CBK-NPE29W-03	
	4 39mm	A B BA W	CBK-NPE28-04 CBK-NPE28B-04 CBK-NPE28BA-04 CBK-NPE28W-04	
 2 Position toggle switches	5 44.5mm	A B BA W	CBK-NPE29-04 CBK-NPE29B-04 CBK-NPE29BA-04 CBK-NPE29W-04	
	39mm	A B BA W	CBK-NPE28-05 CBK-NPE28B-05 CBK-NPE28BA-05 CBK-NPE28W-05	
 3 Position toggle switches	44.5mm	A B BA W	CBK-NPE29-05 CBK-NPE29B-05 CBK-NPE29BA-05 CBK-NPE29W-05	

22 mm

① For drilling plans, see page 1.45.
② Finish: A = brushed aluminum; B = black plastic face with white letters; BA = plastic with brushed aluminum finish; W = white plastic face with black letters.



Components
Buttons, lenses and illuminated mushroom heads

Buttons (for non-illuminated pushbuttons)

Item	Color	Catalog number	List price
Flush  CBK-KBY	Red Green Yellow Blue Black Clear White	CBK-KBR CBK-KBG CBK-KBY CBK-KBL CBK-KBB CBK-KBC CBK-KBW	**$ 1.50**
Extended  CBK-KBEY	Red Green Yellow Blue Black Clear White	CBK-KBER CBK-KBEG CBK-KBEY CBK-KBEL CBK-KBEB CBK-KBEC CBK-KBEW	**1.50**
30mm mushroom  CBK-BM3R	Red Black Red w/Arrow Black w/Arrow	CBK-BM3R CBK-BM3B CBK-BM3RA CBK-BM3BA	**2.00**
40mm mushroom  CBK-BM40RO	Red Black Red w/Arrow Black w/Arrow Red w/Circle Black w/Circle Yellow	CBK-BM40R CBK-BM40B CBK-BM40RA CBK-BM40BA CBK-BM40RO CBK-BM40BO CBK-BM40Y	**2.00**
60mm mushroom  CBK-BM60Y	Red Black Yellow	CBK-BM60R CBK-BM60B CBK-BM60Y	**6.00**

Buttons (for illuminated pushbuttons)

Item	Color	Catalog number	List price
Flush  CBK-KBY	Red Green Yellow Blue Clear White	CBK-KBIR CBK-KBIG CBK-KBIY CBK-KBIL CBK-KBIC CBK-KBIW	**$ 1.50**
Extended  CBK-KBEIY	Red Green Yellow Blue Clear White	CBK-KBEIR CBK-KBEIG CBK-KBEIY CBK-KBEIL CBK-KBEIC CBK-KBEIW	**1.50**
40mm mushroom  CBK-BM4IY	Red Yellow Green	CBK-BM4IR CBK-BM4IY CBK-BM4IG	**4.00**
60mm mushroom  CBK-BM6IY	Red Yellow Green	CBK-BM6IR CBK-BM6IY CBK-BM6IG	**8.00**

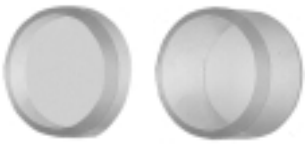
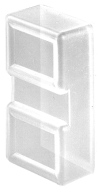
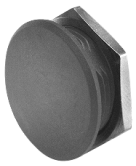
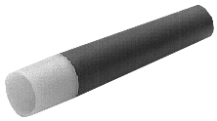
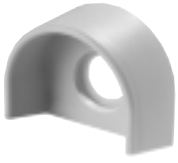
Pilot light lenses

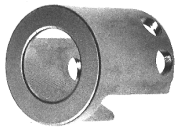
Item	Color	Catalog number	List price
Standard  CBK-KLR	Red Green Yellow Blue Clear White	CBK-KLR CBK-KLG CBK-KLY CBK-KLL CBK-KLC CBK-KLW	**$ 2.50**
Freznel lens  CBK-XFL	Clear	CBK-XFL	**3.00**

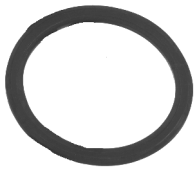
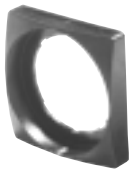
Mounting rings

Item	Color	Catalog number	List price
Pushbutton  CBK-CR	Chrome plastic Black plastic Chrome metal	CBK-CR CBK-KR CBK-CMR	**$ 1.25** **1.00** **2.50**
Selector switch/toggle  CBK-KRS	Chrome plastic Black plastic Chrome metal	CBK-CRS CBK-KRS CBK-CMRS	**1.25** **1.00** **2.50**

Accessories

Item	Catalog number	List price
 Flush and extended boots	CBK-KXB (Flush) CBK-KXBE (Extended)	**$ 8.00**
Transparent soft membrane permits easy visibility of button lens while protecting buttons and pilot lights from water and dust.		
 Protective boot for two button operators	CBK-XB2	**8.00**
 Extended button guard	CBK-KXG	**4.00**
Protects extended pushbuttons from being accidentally depressed.		
 22mm hole plug	CBK-XP	**2.00**
Hole plugs are used to cover pushbuttons holes in panels		
 Lamp removal tool	CBK-XLTL	**10.00**
Removes all incandescent or LED lamps.		
 Flush pushbutton protective cover	CBK-KXC	**15.00**
 Mushroom guard ①	CBK-XMG	**16.00**

Item	Catalog number	List price
 Padlock attachment for 30mm mushroom (twist release, only)	CBK-XPA	**$ 20.00**
Prevents unauthorized use of equipment. Provides space for up to 4 padlocks with the button in the depressed position. Holes fit standard 1/4" padlock.		

Item	Lock type	Catalog number	List price
 Extra key	1 2 3	CBK-XK455 CBK-XK421 CBK-XK3433-E	**10.00**
To order, refer to the key number imprinted on the key. Then use the appropriate catalog number that ends in the same number.			
 Spare gasket		CBK-XRG	**1.00**
 Mounting tool		CBK-KXMT	**10.00**
 Square bezel		CBK-BZL	**2.00**
 Lockable selector switch		CBK-XSWL	**35.00**
 Selector switch guard		CBK-XSWG	**8.00**

① For use with operators shown on pages 1.8 - 1.10.

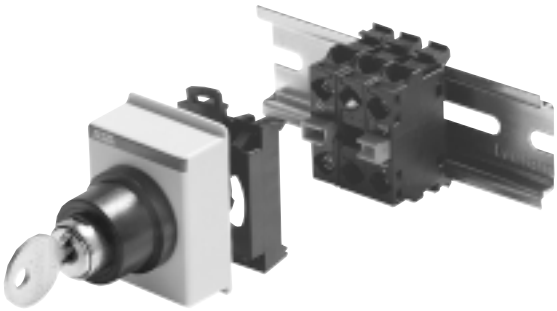
22 mm

Accessories

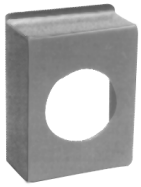
Item	Catalog number	List price
 Grounding screw	CBK-XGS	**$ .50**

Provides a means of attaching a grounding wire.

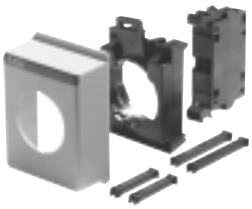
DIN rail mounting accessories



CBK-XDIN

Item	Catalog number	List price
 Front cap	CBK-XFC	**$ 5.00**
 Snap connector	CBK-XSA	**.20**

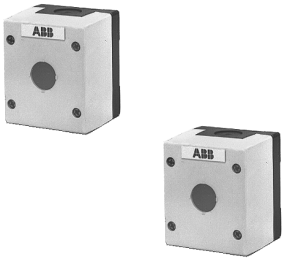
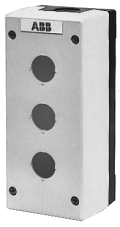
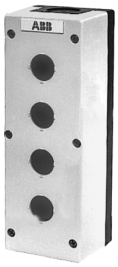
Connects contact blocks to holder. Two required per holder. Twenty per package.

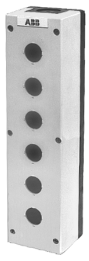
 DIN rail mounting kit	CBK-XDIN	**8.20**

The DIN rail mounting kit includes:

Quantity	Item	Catalog number
1	Front cap	CBK-XFC
4	Snap attachment	CBK-XSA
1	Dummy block	CBK-XBB
1	Pin set, 2 unit	CBK-XP2
1	Pin set, 3 unit	CBK-XP3
1	Holder	CBK-CH

Plastic enclosures

Item	Catalog number	List price
 1 element	CBK-EPY① (Yellow enclosure for emergency stop applications)	$ 28.00
	CBK-EP1	28.00
 2 element	CBK-EP2	32.00
 3 element	CBK-EP3	36.00
 4 element	CBK-EP4	44.00

Item	Catalog number	List price
 6 element	CBK-EP6	$ 52.00
 Impact protector	CBK-CS	2.00
 Spacer②	CBK-XW	1.00
 Emergency stop adaptor plate ③	CBK-ESAP	6.00

Note: All enclosures are UL Listed & CSA Approved for Types 1, 3R, 4, 4X, & 12 applications.

Metallic enclosures
Metallic Type 1, 3, 3R, 4, 4X, 12 & 13 enclosures are also available upon request. Please contact ABB Control Inc.

22 mm

① Not available in metal.
② All pilot devices mounted in enclosures must have legend plate or spacer to correctly interface with auxiliary contacts.
③ Must be used with CBK-ES★ Emergency Stop operators shown on pages 1.11 - 1.13.

Plastic enclosures ①②
Assembly examples

22 mm



CBK-EP2SS

Custom assembly of 2-hole pushbutton station

Example: Start-stop

CBK-EP2 **$ 32.00**	**+**	**CBK-KPGC5** **$ 9.00** **CBK-KPERC4** **$ 9.00**	**+**	**CBK-CB10** **$ 8.00** **CBK-CB01** **$ 8.00**	**=**	**CBK-EP2SS** **$ 66.00**



CBK-EP3FRS

Custom assembly of 3-hole pushbutton station

Example: Forward - Reverse - Stop

CBK-EP3 **$ 36.00**	**+**	**CBK-KPGC7** **$ 9.00** **CBK-KPGC6** **$ 9.00** **CBK-KPERC4** **$ 9.00**	**+**	**(2) CBK-CB10** **$ 16.00** **(1) CBK-CB01** **$ 8.00**	**=**	**CBK-EP3FRS** **$ 87.00**

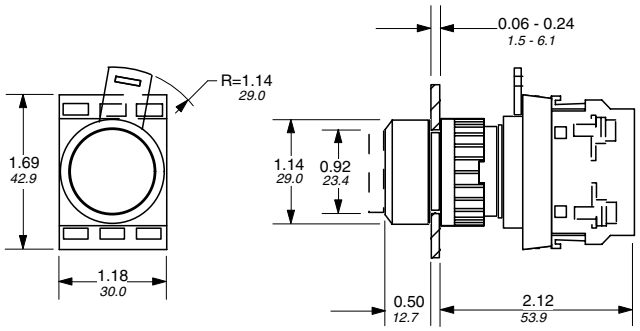
① Fixed legend plates may be used with enclosures. Enclosure must be mounted horizontally when using 1.75" nameplates or insert holders.
② Consult factory for specific applications and part numbers.

Approximate dimensions

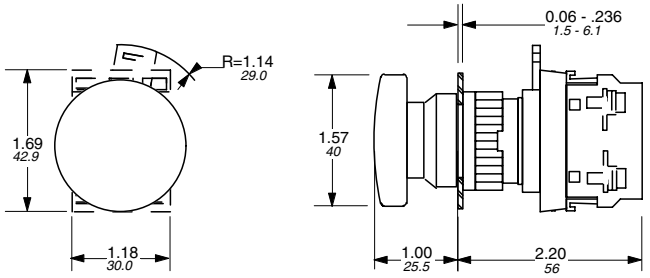
00.00 Inches
00.00 Millimeters

22 mm

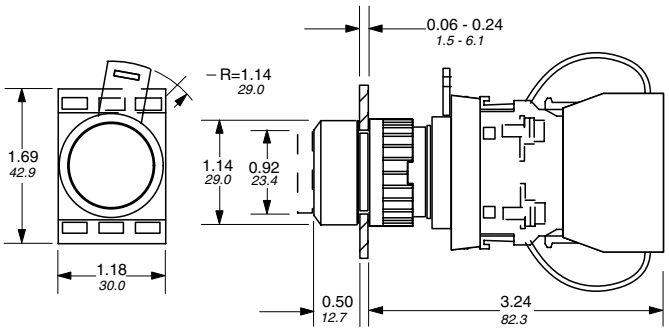
Pushbutton and illuminated pushbutton



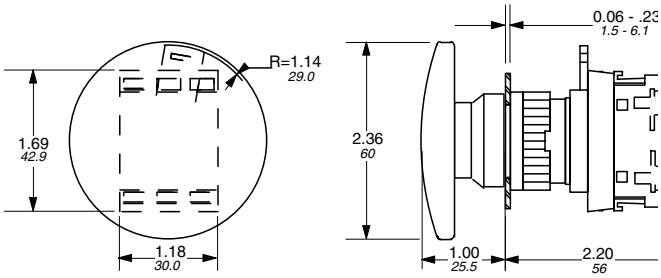
Mushroom pushbutton — 40mm (Momentary)



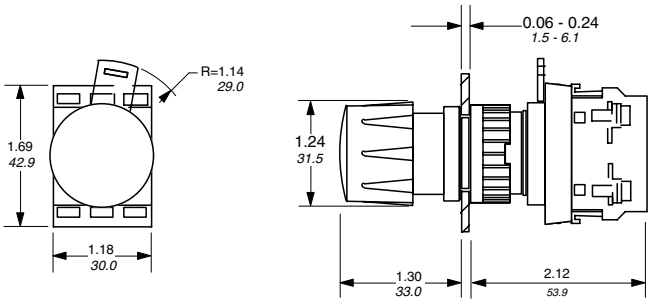
Illuminated pushbutton with transformer



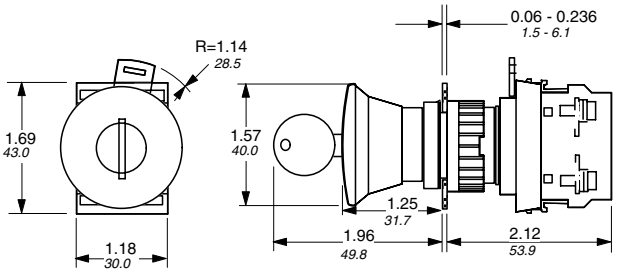
Mushroom pushbutton — 60mm



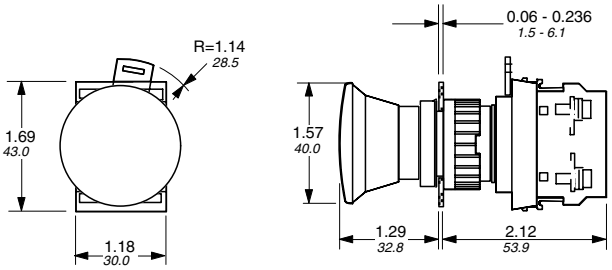
Mushroom pushbutton — 30mm



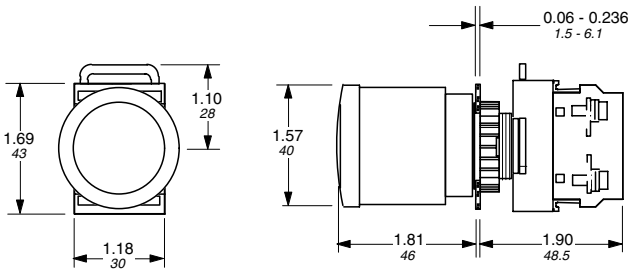
Mushroom pushbutton — 40mm lockable



Mushroom pushbutton — 40mm (Push-pull & twist release)



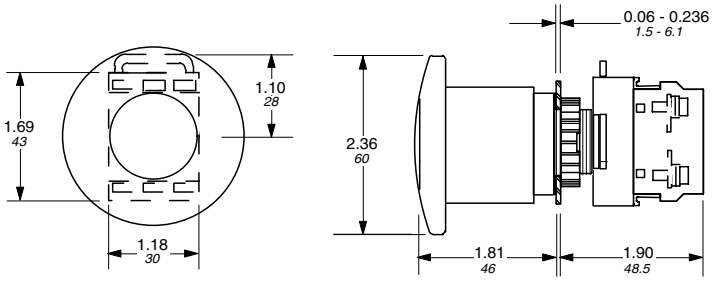
Emergency stop pushbutton — 40mm



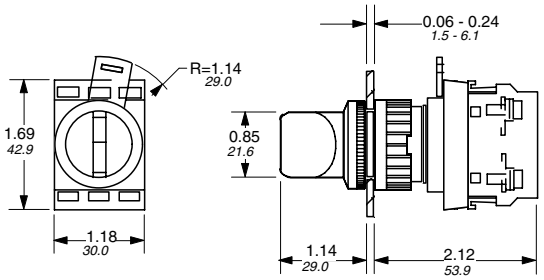
00.00 Inches
00.00 Millimeters

Approximate dimensions

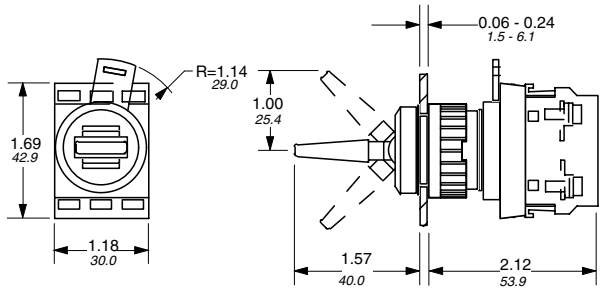
Emergency stop pushbutton — 60mm



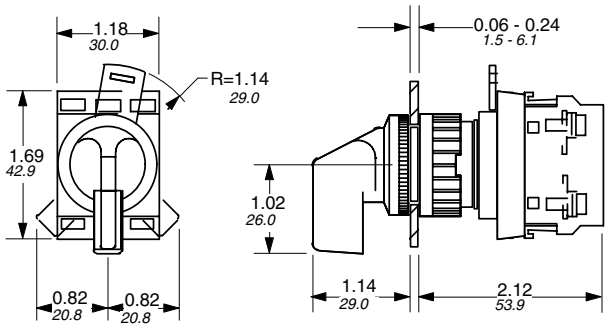
Selector switch — knob handle



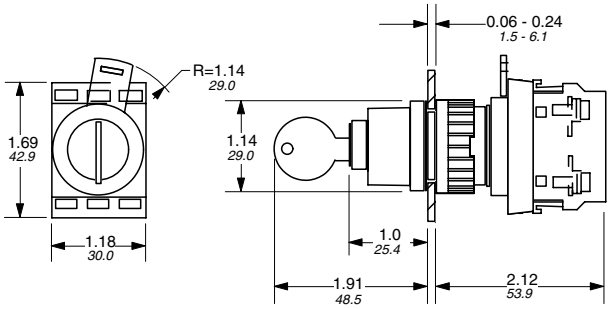
Toggle switch



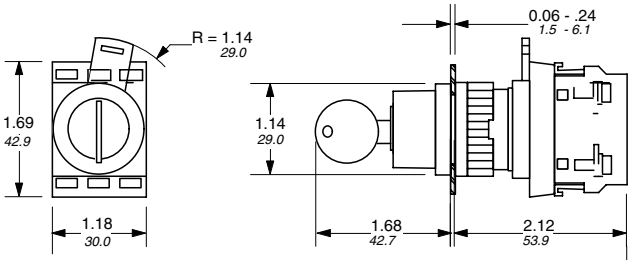
Selector switch — lever handle



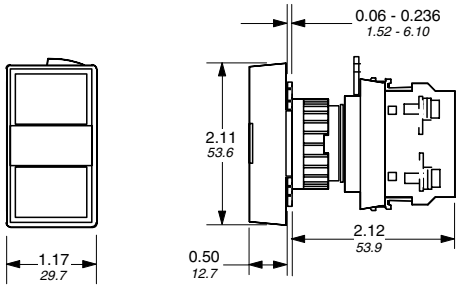
Key operated pushbutton



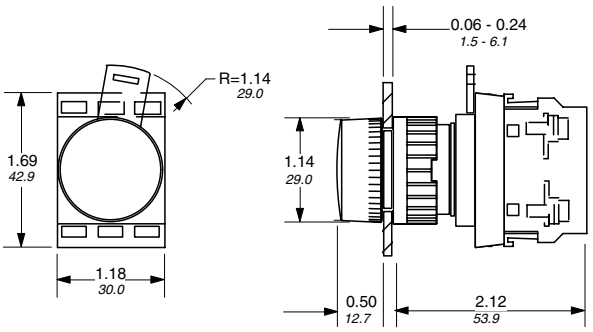
Selector switch — key operated



Two button pushbutton



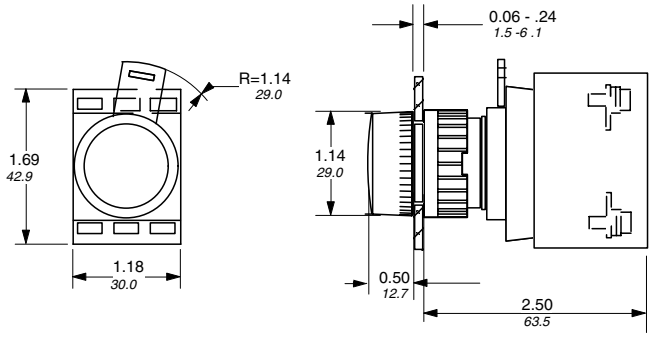
Pilot light



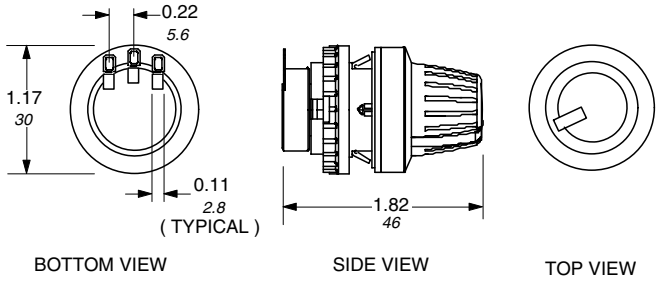
Approximate dimensions

00.00 Inches
00.00 Millimeters

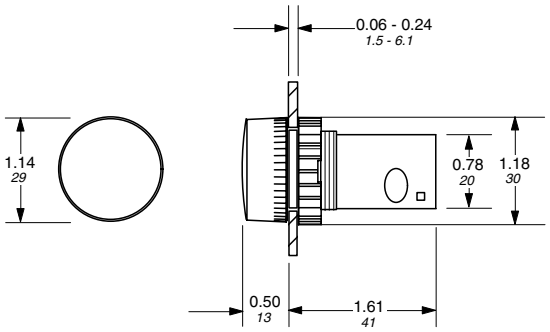
Pilot light with transformer



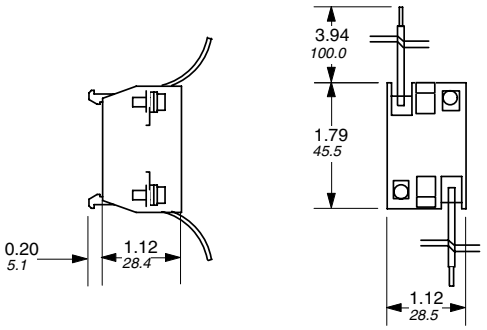
Potentiometer



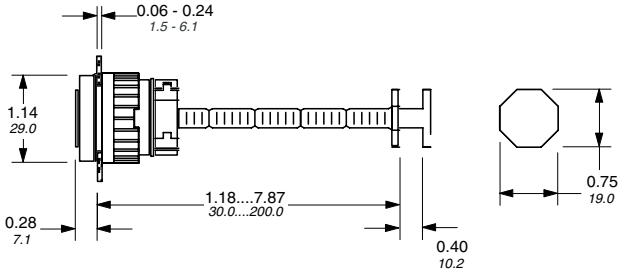
Compact pilot light



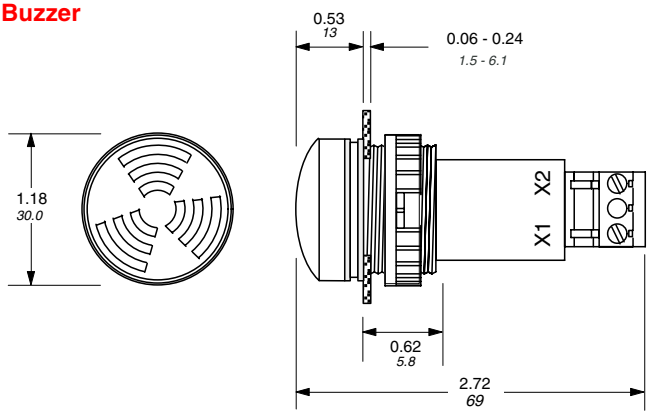
Transformer block



Reset actuator



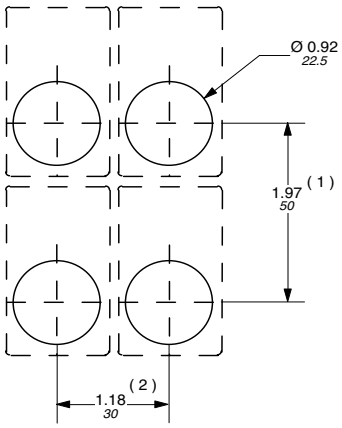
Buzzer



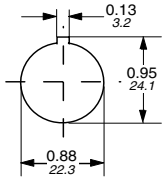
22 mm

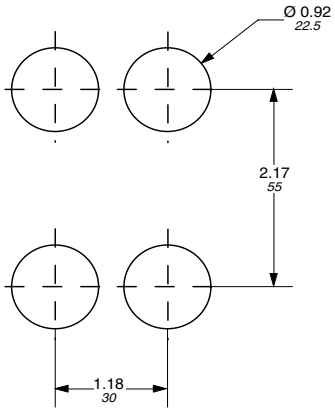
Approximate dimensions

Nameplate drilling plans



Pushbuttons, switches & pilot lights





Double pushbuttons

**(1) 2.16 /*55mm* when legend plate H= 1.75 /*44.4mm* is used,
2.40 /*61mm* for mushroom pushbutton with D =*60mm*.**

**(2) 1.46 /*37mm* when legend plate with insert is used,
1.97 /*50mm* when 5-block holder is used.
Min. dimension = the diameter of mushroom button**

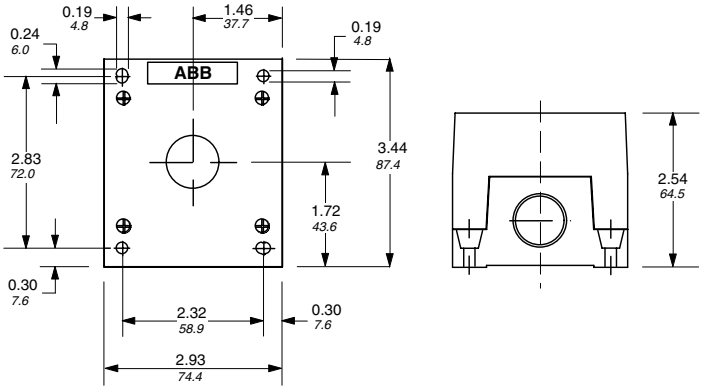
22 mm

Approximate dimensions
Enclosures

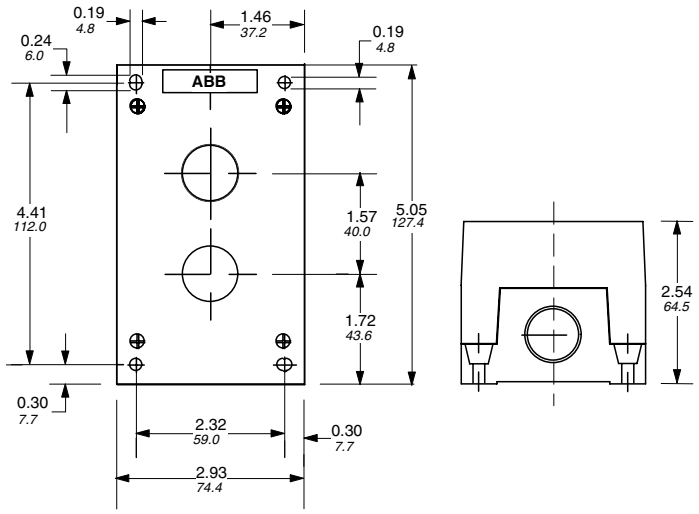
00.00 Inches
00.00 Millimeters

22 mm

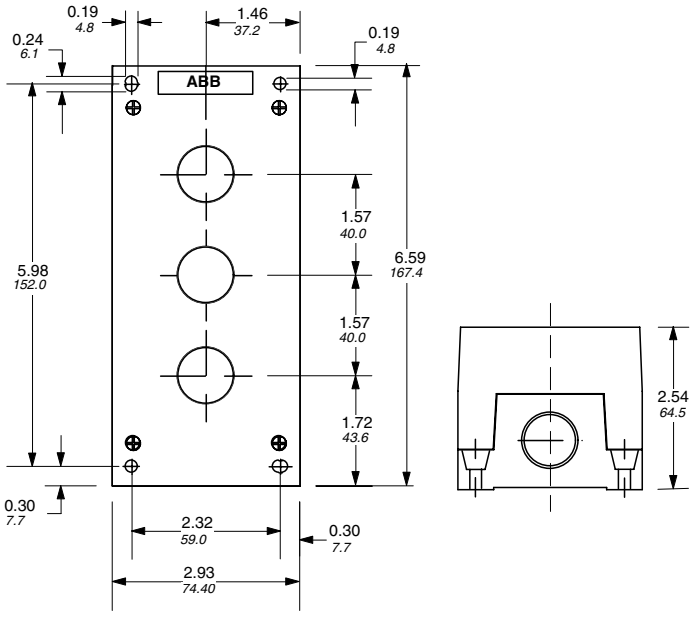
1 element



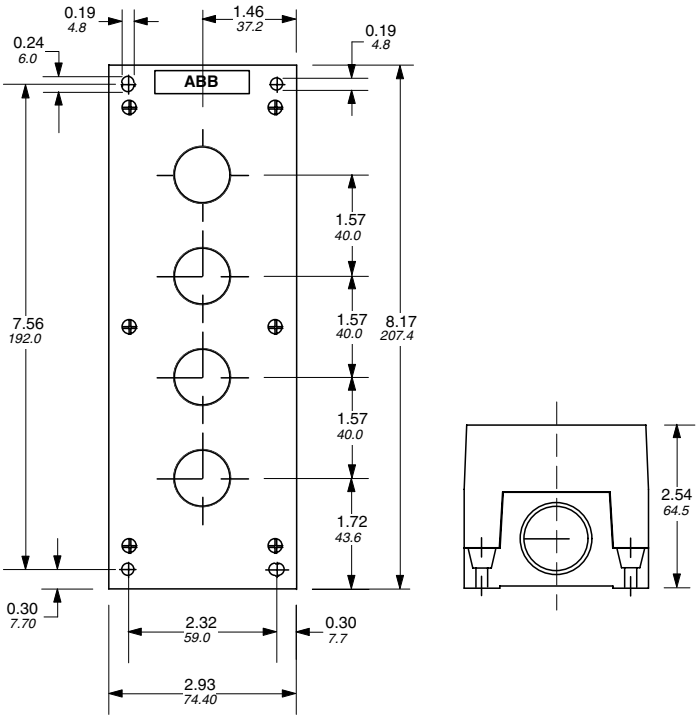
2 element



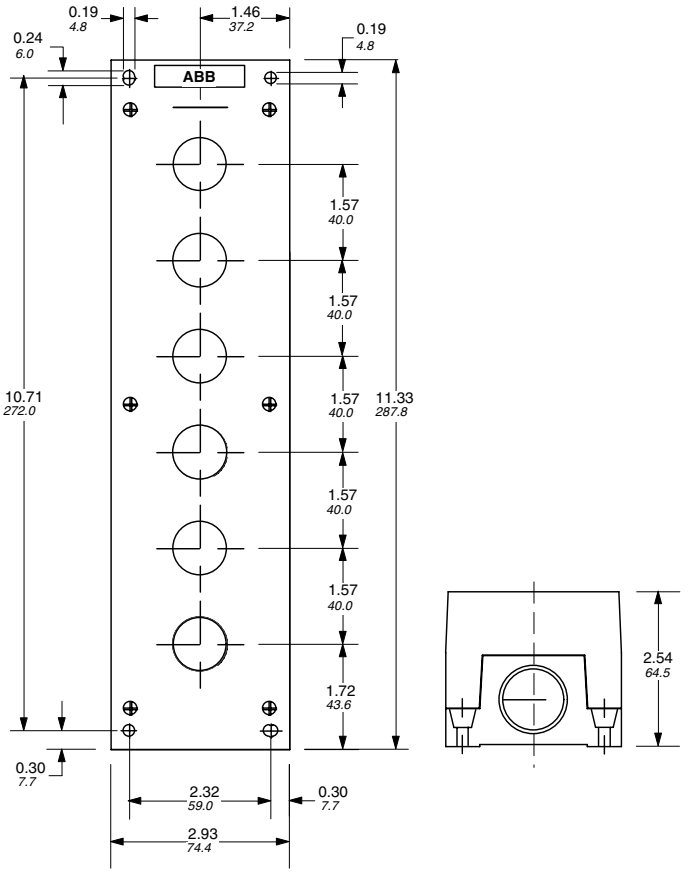
3 element



4 element



6 element



① One, two & three element pushbutton stations have knockouts for 1/2" conduit. Four & six element pushbutton stations have knockouts for 3/4" conduit.

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