

Pilot Light Operators

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Assembled Pilot Lights^{①④}

Full Voltage Light

3SB02-LFCR

Full Voltage

Color/ Voltage	Bulb Code	Catalog No	Price \$
Red, 24V	C	3SB02-LFCR	33.45
Green, 24V	C	3SB02-LFCG	33.45
Amber, 24V	C	3SB02-LFCA	33.45
Red, 120V	E	3SB02-LF1R	33.45
Green, 120V	E	3SB02-LF1G	33.45
Amber, 120V	E	3SB02-LF1A	33.45

Resistor AC/DC

Red, 120V	E	3SB02-LR1R	33.45
Green, 120V	E	3SB02-LR1G	33.45
Amber, 120V	E	3SB02-LR1A	33.45


LED AC/DC 24V


Red	K	3SB02-LLBR	39.45
Green	L	3SB02-LLBG	39.45
Amber	M	3SB02-LLBA	39.45


LED 120V AC



Red	X	3SB02-LLFR	39.45
Green	Y	3SB02-LLFG	39.45
Amber	Z	3SB02-LLFA	39.45



Assembled Less Lens^①

Full Voltage Pilot Light		Full Voltage AC/DC			
		Voltage Description	Bulb Code	Catalog No	Price \$
	Full Voltage Pilot Light	6V	A	3SB02-LFA	29.25
		12V	B	3SB02-LFB	29.25
		24V	C	3SB02-LFC	29.25
		48V	D	3SB02-LFD	29.25
		120V	E	3SB02-LF1	29.25
		Resistor AC/DC			
		Voltage Description	Bulb Code	Catalog No	Price \$
		120V	E	3SB02-LR1	29.95
		240V	E	3SB02-LR2	29.95

Transformer Type Light		Transformer 120V AC			
		Color	Bulb Code	Catalog No	Price \$
	Transformer Type Light	Red	A	3SB02-LT1R	58.20
		Green	A	3SB02-LT1G	58.20
		Amber	A	3SB02-LT1A	58.20
		Red, LED	G	3SB02-LL1R	64.20
		Green, LED	H	3SB02-LL1G	64.20
		Amber, LED	J	3SB02-LL1A	64.20

Transformer Type Pilot Light		Transformer AC			
		Voltage Description	Bulb Code	Catalog No	Price \$
	Transformer Type Pilot Light	120V	A	3SB02-LT1	54.00
		240V	A	3SB02-LT2	54.00
		480V	A	3SB02-LT4	54.00
		600V	A	3SB02-LT6	54.00

Indicator Light (for Inserts)		Indicator Light—Not for Inscription (with Concentric Rings)			
		Color	Bulb Code	Catalog No	Price \$
	Indicator Light (for Inserts)	Red	A	3SB1001-6CC06	10.00
		Yellow	A	3SB1001-6CD06	10.00
		Green	A	3SB1001-6CE06	10.00
		Blue	A	3SB1001-6CF06	10.00
		White	A	3SB1001-6CG06	10.00
		Clear	A	3SB1001-6CH06	10.00
	Indicator Light—Not for Inscription (with Concentric Rings)	Red	A	3SB1001-6BC06	10.00
		Yellow	A	3SB1001-6BD06	10.00
		Green	A	3SB1001-6BE06	10.00
		Blue	A	3SB1001-6BF06	10.00
		White	A	3SB1001-6BG06	10.00
		Clear	A	3SB1001-6BH06	10.00

Indicator Light for LED		Extended Indicator with Adapter and Reflector			
		Color	Bulb Code	Catalog No	Price \$
	Indicator Light for LED	Red	A	3SB1001-6DC06	10.00
		Yellow	A	3SB1001-6DD06	10.00
		Green	A	3SB1001-6DE06	10.00
		Blue	A	3SB1001-6DF06	10.00
		White	A	3SB1001-6DG06	10.00
		Clear	A	3SB1001-6DH06	10.00
	Extended Indicator with Adapter and Reflector	Red	A	3SB1001-6GC06	11.50
		Yellow	A	3SB1001-6GD06	11.50
		Green	A	3SB1001-6GE06	11.50
		Blue	A	3SB1001-6GF06	11.50
		White	A	3SB1001-6GG06	11.50
		Clear	A	3SB1001-6GH06	11.50

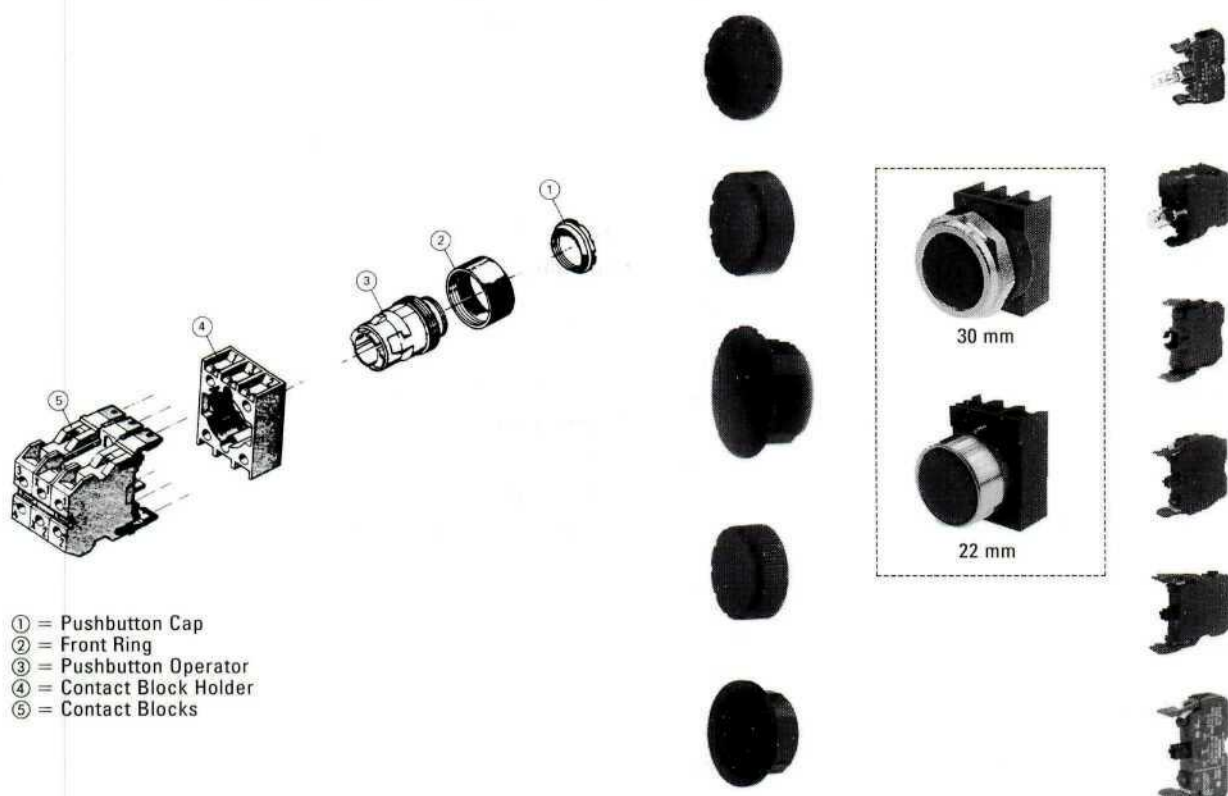
Pilot Light Operators Only—No Front Ring Required

Color	Indicator Lights (for Inserts) ^②	Price \$	Indicator Lights (with Concentric Rings) ^③	Price \$	Indicator Lights (for LED's)	Price \$	Extended Indicator with Adapter and Reflector	Price \$
Red	3SB1001-6CC06	10.00	3SB1001-6BC06	10.00	3SB1001-6DC06	10.00	3SB1001-6GC06	11.50
Yellow	3SB1001-6CD06	10.00	3SB1001-6BD06	10.00	3SB1001-6DD06	10.00	3SB1001-6GD06	11.50
Green	3SB1001-6CE06	10.00	3SB1001-6BE06	10.00	3SB1001-6DE06	10.00	3SB1001-6GE06	11.50
Blue	3SB1001-6CF06	10.00	3SB1001-6BF06	10.00	3SB1001-6DF06	10.00	—	—
White	—	—	3SB1001-6BG06	10.00	—	—	—	—
Clear	3SB1001-6CH06	10.00	3SB1001-6BH06	10.00	3SB1001-6DH06	10.00	3SB1001-6GH06	11.50

①Assembled units and operators with contact block holder are supplied with 3 unit contact block holder, for 5 unit contact block holder change 5th digit from 2 to 4. Add \$1.50 to list price.

②Inscription by inserting label is possible.
③Not to be used with inscription label.

④Replace last digit with "C" for clear or "E" for blue.



Parts common to 22 mm and 30 mm Pilot Devices.

Description

3SB pilot device components are designed to interchange parts between the 22 mm and 30 mm for greater flexibility.

The pilot devices are available as components and are easily assembled in the field. Some are partially assembled where contact blocks or lampholders can be added. The assembled units are ready for installation.

22 mm Mounting

The operator is inserted into the hole in the panel from the front and twisted into the contact block holder. The unit is then tightened from behind by means of two set screws which are located in the contact block holder, preventing the unit from getting loose or twisting.

30 mm Mounting

The holder is an integral part of the actuator; it is inserted into the hole in the panel from the rear and secured from the front by means of a front ring. With the use of a legend plate or the thrust and trim washers the unit becomes stationary and will not twist or get loose.

Applications

Devices are heavy duty oiltight, watertight and dust-tight (NEMA Type 1, 3R, 4, 4X, 12 and 13, IP66). They are used in industrial control circuits at 600V or less.

Front Rings

Units are supplied as standard with metal chrome plated front rings. Black plastic or anodized aluminum rings are optional at no additional cost. The plastic rings are recommended for use where the atmosphere may be corrosive.

LED Indicating Lights

Pilot devices are available with LED lights. Since LED's consume less power, their life is 10 to 20 times that of conventional incandescent lamps. They also provide greater resistance to shock and vibration. Where lamp integrity and low maintenance is crucial the 3SB0 LED indicator is your best choice.

Contact Blocks

One line of contact blocks fits both 22 mm and 30 mm devices, reducing required stock levels. All have parallel double break contacts with wiping action, and reliability nibs to insure long,


maintenance-free operation. The design is also well suited to low energy circuits common on programmable controller interfaces. Blocks snap side-by-side on the holder and lock in place. The contact block holder is available in 3 and 5 position versions, eliminating the need for piggyback contacts which are hard to wire and prone to failure. Terminals meet the "touchsafe" requirements of IEC standards and are clearly marked. Wire funnels, screwdriver guides and captive terminal screws make the contacts easy to wire, while self-lifting spring washers insure that the wire stays put under severe vibration.


Special contact blocks are available for solder connection to printed circuit boards. When used with the special operator adaptor they present a unique solution to multiple button operator panels.


Accessories: Lampholders and Bulbs

Lampholders for (BA 9s) Bayonet Base T-3 Lamp

 <p>Standard Depth Full Voltage</p> <p>3SB1400-2B</p>	Standard Depth Full Voltage AC/DC with Bulb			
	Voltage Description	Bulb Code	Catalog No	Price \$
	6V	A	3SB1400-2F	20.00
	12V	B	3SB1400-2G	20.00
	24V	C	3SB1400-2H	20.00
	48V	D	3SB1400-2J	20.00
	120V	E	3SB1400-2K	20.00
	120V Resistor	E	3SB1400-2B	20.00
	240V Resistor	E	3SB1400-2L	20.00
	120V Neon ^①	—	3SB1400-2D	17.00
	240V Neon ^①	—	3SB1400-2E	17.00
Holder ^②				
250V Max. 2.5W				3SB1400-2A 14.00
Standard Depth Tab Connector Full Voltage AC/DC				
Voltage Description		Catalog No		Price \$
Standard ^①		3SB1404-2A		24.00
220/230V AC, 130V Bulb		3SB1404-2C		30.00
230/240V AC, 130V Bulb		3SB1404-2L		30.00


 <p>Shallow Depth Full Voltage</p> <p>3SB1430-2K</p>	Shallow Depth Full Voltage AC/DC with Bulb			
	Voltage Description	Bulb Code	Catalog No	Price \$
	6V	A	3SB1430-2F	20.00
	12V	B	3SB1430-2G	20.00
	24V	C	3SB1430-2H	20.00
	48V	D	3SB1430-2J	20.00
	120V	E	3SB1430-2K	20.00
	Holder ^②	—	3SB1430-2A	14.00

 <p>Shallow Depth Transformer (6 Volt Secondary)</p> <p>3SB1400-5M</p>	Shallow Depth Transformer (60 mm) with Bulb			
	Voltage Description	Bulb Code	Catalog No	Price \$
	120V/6V	A	3SB1400-5M	42.00
	240V/6V	A	3SB1400-5P	42.00
	120V/24V	C	3SB1400-5A	42.00
	240V/24V	C	3SB1400-5C	42.00
	480V/6V	A	3SB1400-5U	42.00
	600V/6V	A	3SB1400-5W	42.00


 <p>Dual Input Lampholder</p> <p>3SB1400-2P</p>	Dual Input Lampholders for Master Push to Test with Bulb			
	Voltage Description	Bulb Code	Catalog No	Price \$
	220V AC	E	3SB1400-2M	30.00
	240V AC	E	3SB1400-2N	30.00
	6 to 120V DC Incd. & 24V DC LED ^①	—	3SB1400-2P	24.00
	6 to 120V AC/DC Incd. 24V AC/DC LED 120V AC Neon ^①	—	3SB1400-2Q	24.00


①No bulb included.

②Used with joystick operator.

 <p>Deep Transformer</p> <p>3SB1400-4M</p>	Deep Transformer (95 mm) with Bulb			
	Voltage Description	Bulb Code	Catalog No	Price \$
	120V/6V	A	3SB1400-4M	42.00
	240V/6V	A	3SB1400-4P	42.00
	120V/24V	C	3SB1400-4A	42.00
	240V/24V	C	3SB1400-4C	42.00
	480V/6V	A	3SB1400-4U	42.00
	600V/6V	A	3SB1400-4W	42.00

Replacement Bulbs

 <p>Light Bulbs BA 9s</p> <p>3SB0A-BL1</p>	Incandescent Bulb AC/DC (BA 9s)			
	Voltage Description	Bulb Code	Catalog No	Price \$
	6V #755	A	3SB0A-BLA	6.00
	12V #756	B	3SB0A-BLB	6.00
	24V #757	C	3SB0A-BLC	6.00
	48V #48MB	D	3SB0A-BLD	6.00
	120V 2.5W	E	3SB0A-BL1	6.00
	#120MB			
	120V Neon	F	3SB0A-BLN	6.00
	#NE51HR			
	110/130V, 2.5W	—	3SX1731	6.00
LED Bulbs (BA 9s)				
Voltage Description	Bulb Code	Catalog No		Price \$
6V AC Red	G	3SB0A-L1R		12.00
6V AC Green	H	3SB0A-L1G		12.00
6V AC Amber	J	3SB0A-L1A		12.00
6V AC Blue	—	3SB0A-L1E		12.00
6V AC White	—	3SB0A-L1W		12.00
24V AC/DC Red	K	3SB0A-LCR		12.00
24V AC/DC Green	L	3SB0A-LCG		12.00
24V AC/DC Amber	M	3SB0A-LCA		12.00
24V AC/DC Blue	—	3SB0A-LCE		12.00
24V AC/DC White	—	3SB0A-LCW		12.00
120V AC Red	X	3SB0A-LFR		12.00
120V AC Green	Y	3SB0A-LFG		12.00
120V AC Amber	Z	3SB0A-LFA		12.00
120V AC Blue	—	3SB0A-LFE		12.00
120V AC White	—	3SB0A-LFW		12.00

 <p>Light Bulb Bi-Pin</p> <p>3SB0A-BBA</p>	Incandescent Bulbs AC/DC (Bi-Pin) used with 3SB02-UKB only			
	Voltage Description	Bulb Code	Catalog No	Price \$
	6V	N	3SB0A-BBA	6.00
	12V	R	3SB0A-BBB	6.00
	48V	S	3SB0A-BBD	6.00
	120V Neon	T	3SB0A-BBN	6.00
LED Bulb (Bi-Pin) used with 3SB02-UKB only				
Voltage Description	Bulb Code	Catalog No		Price \$
24V AC Yellow	U	3SB0A-BBC		9.00
24V DC Green	V	3SB1902-4HN		9.00
24V DC Yellow	W	3SB1902-4GC		9.00