

# Pushbutton Units and Indicator Lights

## 30 mm Heavy Duty, Watertight/Oiltight, Class 52

• Revised •  
03/20/2012

### Indicator lights

#### Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
				Plastic Lens	\$	Glass Lens	\$	
Pilot light	<b>Indicator Light Integrated LED Module</b>							
	24V AC/DC	red green amber		<b>52PL4L2</b> <b>52PL4L3</b> <b>52PL4L9</b>		<b>52PL5L2</b> <b>52PL5L3</b> <b>52PL5L9</b>		1
	120V AC	red green amber		<b>52PL4M2</b> <b>52PL4M3</b> <b>52PL4M9</b>		<b>52PL5M2</b> <b>52PL5M3</b> <b>52PL5M9</b>		1
	240V AC	red green amber		<b>52PL4N2</b> <b>52PL4N3</b> <b>52PL4N9</b>		<b>52PL5N2</b> <b>52PL5N3</b> <b>52PL5N9</b>		1
	<b>Indicator Light Full Voltage<sup>④</sup></b>							
	24V AC/DC with 52AADN, 24V 757 type lamp or option: XB = 52AED*, 24V Single LED <sup>③</sup> XY = 52AED*7, 24V Cluster LED <sup>③</sup>	less operating head red green amber		<b>52PL4DN</b> <b>52PL4D2</b> <b>52PL4D3</b> <b>52PL4D9</b>		<b>52PL5DN</b> <b>52PL5D2</b> <b>52PL5D3</b> <b>52PL5D9</b>		1
	120V AC with 52AAENC1, 120 V 120MB type lamp or option: XB = 52AEE*, 120 V Single LED <sup>③</sup> XY = 52AEE*7, 120 V Cluster LED <sup>③</sup>	less operating head red green amber		<b>52PL4EN</b> <b>52PL4E2</b> <b>52PL4E3</b> <b>52PL4E9</b>		<b>52PL5EN</b> <b>52PL5E2</b> <b>52PL5E3</b> <b>52PL5E9</b>		1
	<b>Indicator Light Transformer<sup>①</sup></b>							
	120V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED <sup>③</sup> XY = 52AEB*7, 6 V Cluster LED <sup>③</sup>	less operating head red green amber		<b>52PL4GN</b> <b>52PL4G2</b> <b>52PL4G3</b> <b>52PL4G9</b>		<b>52PL5GN</b> <b>52PL5G2</b> <b>52PL5G3</b> <b>52PL5G9</b>		1
	240V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED <sup>③</sup> XY = 52AEB*7, 6 V Cluster LED <sup>③</sup>	less operating head red green amber		<b>52PL4HN</b> <b>52PL4H2</b> <b>52PL4H3</b> <b>52PL4H9</b>		<b>52PL5HN</b> <b>52PL5H2</b> <b>52PL5H3</b> <b>52PL5H9</b>		1
	480V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED <sup>③</sup> XY = 52AEB*7, 6 V Cluster LED <sup>③</sup>	less operating head red green amber		<b>52PL4JN</b> <b>52PL4J2</b> <b>52PL4J3</b> <b>52PL4J9</b>		<b>52PL5JN</b> <b>52PL5J2</b> <b>52PL5J3</b> <b>52PL5J9</b>		1
	600V AC with 52AABN, 6 V 755 type lamp or option: XB = 52AEB*, 6 V Single LED <sup>③</sup> XY = 52AEB*7, 6 V Cluster LED <sup>③</sup>	less operating head red green amber		<b>52PL4KN</b> <b>52PL4K2</b> <b>52PL4K3</b> <b>52PL4K9</b>		<b>52PL5KN</b> <b>52PL5K2</b> <b>52PL5K3</b> <b>52PL5K9</b>		1

Technical Specifications  
on page 10/169A

Color code table<sup>②</sup>: blue  
clear  
white

5  
A  
B

5  
A  
B

① **LED option available.** For single LED, append **XB** to the end of the order number. For a cluster LED, append **XY** to the end of the order number. Single LEDs available for all colors, while cluster LEDs are available for red, green and amber only. LED color and lens color must match. LED option is not available on units sold "less operating head".  
Example: Single LED: 52PL5G3**XB** Cluster LED: 52PL5G3**XY**

② To order a color option, replace the last digit of the order number.

③ Replace asterisk (\*) in LED part number with color option that matches lens. See replacement lamps on page 10/161, for complete catalog number.

④ Full Voltage modules are available with additional voltage ratings from the factory. For Incandescent lamps change the 6th Character to **B**=6V, or **C**=12V (Example: Order 52PL4**B**2 for 6V Incandescent Lamp). For LED options change the 6th Character to **B**=6V AC (Example: Order 52PL4**B**2XB for 6V AC LED Lamp option).

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# Pushbutton Units and Indicator Lights

## 30 mm Heavy Duty, Watertight/Oiltight, Class 52

Push-to-test complete units

### Selection and ordering data

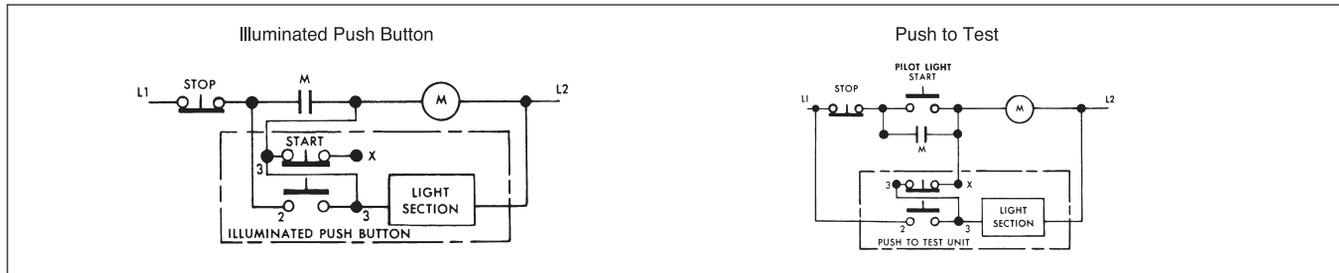
Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
			<b>Operators with Incandescent lamp</b>	\$	<b>Operators with LED lamp<sup>③</sup></b>	\$	Unit
<b>Pilot light</b>							
<b>Indicator light with plastic lens - Resistor type AC<sup>①②</sup></b>							
240 V, 52PC4N with 52AAENC1, 120 V 120MB type lamp or	red		<b>52PC4N2</b>		<b>52PE4N2</b>		1
240 V, 52PE4N with 52AEE* Single-LED <sup>④</sup>	green		<b>52PC4N3</b>		<b>52PE4N3</b>		
	amber		<b>52PC4N9</b>		<b>52PE4N9</b>		
	less lens		<b>52PC4NN</b>		—		
<b>Push to test indicator light with plastic lens - Resistor type AC/DC<sup>④</sup></b>							
120V with 24V 757 type lamp, or 24V LED	red	1NC + 1NO	<b>52PA6M2A</b>		<b>52PE6M2A</b>		1
	green	1NC + 1NO	<b>52PA6M3A</b>		<b>52PE6M3A</b>		
	amber	1NC + 1NO	<b>52PA6M9A</b>		<b>52PE6M9A</b>		
	less lens	1NC + 1NO	<b>52PA6MNA</b>		—		
240V with 24V 757 type lamp, or 24V LED	red	1NC + 1NO	<b>52PA6N2A</b>		<b>52PE6N2A</b>		1
	green	1NC + 1NO	<b>52PA6N3A</b>		<b>52PE6N3A</b>		
	amber	1NC + 1NO	<b>52PA6N9A</b>		<b>52PE6N9A</b>		
	less lens	1NC + 1NO	<b>52PA6NNA</b>		—		

Color code table<sup>②</sup>: blue  
clear  
white

5  
A  
B

5  
A  
B

### Wiring Diagrams



Technical Specifications  
on page 10/169A

- ① All illuminated devices come with std. Touch-safe shield per UL standards except where noted (Resistor Type Pilot Devices are not touch safe).
- ② For factory installed glass lens, replace the 5th character with "5".

- ③ LED color and lens color must match. LED option is not available on units sold "less operating head". Resistor Type Pilot Devices with Standard Incandescent lamps are provided with different value resistors than pilot devices ordered using the LED option. LED lamps can only be installed in pilot lights that are ordered from the factory utilizing the LED option suffix.

- ④ For factory installed lens guard, add suffix "V".
- ⑤ Replace asterisk (\*) in LED part number with color option that matches lens. See replacement lamps on page 10/161, for complete catalog number.

# Pushbutton Units and Indicator Lights



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# Pushbutton Units and Indicator Lights

## 30 mm Heavy Duty, Watertight/Oiltight, Class 52

Pushbutton operators only

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4  
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7  
8  
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10

### Selection and ordering data

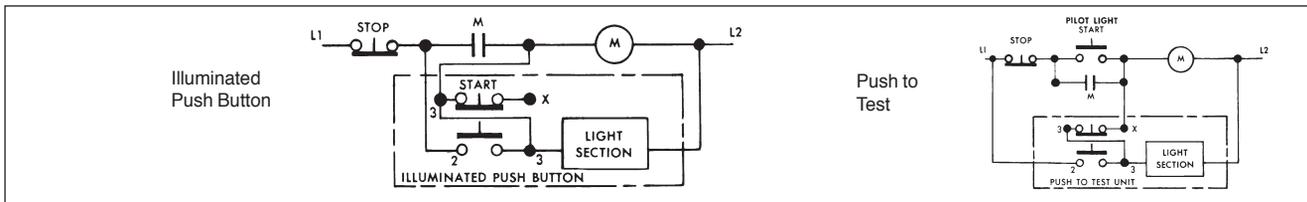
Version	Color of actuator	Contact blocks	Order no.	List Price	Pack	
<b>Plastic Lens<sup>④</sup></b>						
				\$	Unit	
	<b>Illuminated pushbutton / Push to test Integrated LED Module</b>					
	24V AC/DC	red	1NO - 1NC	<b>52PT6L2A</b>	1	
		green	1NO - 1NC	<b>52PT6L3A</b>		
		amber	1NO - 1NC	<b>52PT6L9A</b>		
	120V AC	red	1NO - 1NC	<b>52PT6M2A</b>	1	
		green	1NO - 1NC	<b>52PT6M3A</b>		
		amber	1NO - 1NC	<b>52PT6M9A</b>		
	240V AC	red	1NO - 1NC	<b>52PT6N2A</b>	1	
		green	1NO - 1NC	<b>52PT6N3A</b>		
		amber	1NO - 1NC	<b>52PT6N9A</b>		
	<b>Illuminated pushbutton / Push to test Full Voltage<sup>⑤⑥</sup></b>					
	24V AC/DC with 52AADN, 24V 757 type lamp or option: B = 52AED*, 24V Single LED3)	less operating head	1NO - 1NC	<b>52PT6DNA</b>	1	
		red	1NO - 1NC	<b>52PT6D2A</b>		
		green	1NO - 1NC	<b>52PT6D3A</b>		
		amber	1NO - 1NC	<b>52PT6D9A</b>		
	<b>Illuminated pushbutton / Push to test Transformer<sup>①</sup></b>					
	120V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head	1NO - 1NC	<b>52PT6GNA</b>	1	
		red	1NO - 1NC	<b>52PT6G2A</b>		
		green	1NO - 1NC	<b>52PT6G3A</b>		
		amber	1NO - 1NC	<b>52PT6G9A</b>		
	240V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head	1NO - 1NC	<b>52PT6HNA</b>	1	
		red	1NO - 1NC	<b>52PT6H2A</b>		
		green	1NO - 1NC	<b>52PT6H3A</b>		
		amber	1NO - 1NC	<b>52PT6H9A</b>		
480V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head	1NO - 1NC	<b>52PT6JNA</b>	1		
	red	1NO - 1NC	<b>52PT6J2A</b>			
	green	1NO - 1NC	<b>52PT6J3A</b>			
	amber	1NO - 1NC	<b>52PT6J9A</b>			
600V AC with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED3)	less operating head	1NO - 1NC	<b>52PT6KNA</b>	1		
	red	1NO - 1NC	<b>52PT6K2A</b>			
	green	1NO - 1NC	<b>52PT6K3A</b>			
	amber	1NO - 1NC	<b>52PT6K9A</b>			

5  
A  
B

Technical Specifications on page 10/169A

Color code table<sup>②</sup>: blue  
clear  
white

### Wiring Diagrams



① **LED option available.** For single LED only, append **B** to the end of the order number. Single LEDs available for all colors. LED color and lens color must match. LED option is not available on units sold "less operating head" Example: Single LED: 52PT6D3AB (Cluster LED option is not available for PTT Pilot Lights.)

② To order a color option, replace the 7th digit of the order number.

③ Replace asterisk (\*) in LED part number with color option that matches lens. See replacement lamps on page 10/161, for complete catalog number.

④ 52AAGL Chrome Lens Guard is available for Push-to-test/Illuminated Pushbuttons and Indicator Lights.

⑤ Full Voltage modules are available with additional voltage ratings from the factory. For Incandescent lamps change the 6th Character to **B**=6V, **C**=12V, or **E**=120V (Example: Order 52PT6**B**2A for 6V Incandescent Lamp). For LED options change the 6th Character to **B**=6V AC, or **E**=120V AC (Example: Order 52PT6**B**2AB for 6V AC LED Lamp option).