

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no. Plastic Head	List Price \$	Order no. Metal Head	List Price \$	Pack Unit	
2 Position push-pull non-illuminated 	2 Position Push Pull, Maintained^③ Non-Illuminated								
	1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2WZA		52PP2AZA		1	
		red	1NO - 1NC	52PP2W2A		52PP2A2A			
		green	1NO - 1NC	52PP2W3A		52PP2A3A			
		yellow	1NO - 1NC	52PP2W4A		—			
		chrome	1NO - 1NC	—		52PP2ACA			
	2 1/2" (63.5 mm) mushroom head	less operating head	1NO - 1NC	52PP2VZA				1	
		red	1NO - 1NC	52PP2V2A					
		green	1NO - 1NC	52PP2V3A					
		yellow	1NO - 1NC	52PP2V4A					
	chrome	1NO - 1NC	—						
3 Position push-pull non-illuminated 	3 Position Push Pull, Momentary Non-Illuminated (Pull to start, push to stop) ^①								
	1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3WZU		52PP3AZU		1	
		red	1NO - 1NC	52PP3W2U		52PP3A2U			
		green	1NO - 1NC	52PP3W3U		52PP3A3U			
		yellow	1NO - 1NC	52PP3W4U		—			
		chrome	1NO - 1NC	—		52PP3ACU			
	2 1/2" (63.5 mm) mushroom head	less operating head	1NO - 1NC	52PP3VZU				1	
		red	1NO - 1NC	52PP3V2U					
		green	1NO - 1NC	52PP3V3U					
		yellow	1NO - 1NC	52PP3V4U					
		chrome	1NO - 1NC	—					
	3 Position Push Pull, Push Maintained, Pull Momentary Non-Illuminated (Pull to start, push to stop) ^①								
	1 3/4" (44.5 mm) mushroom head	less operating head	1NO - 1NC	52PP7WZU		52PP7AZU		1	
		red	1NO - 1NC	52PP7W2U		52PP7A2U			
		green	1NO - 1NC	52PP7W3U		52PP7A3U			
		yellow	1NO - 1NC	52PP7W4U		—			
		chrome	1NO - 1NC	—		52PP7ACU			
	2 1/2" (63.5 mm) mushroom head	less operating head	1NO - 1NC	52PP7VZU				1	
		red	1NO - 1NC	52PP7V2U					
		green	1NO - 1NC	52PP7V3U					
		yellow	1NO - 1NC	52PP7V4U					
		chrome	1NO - 1NC	—					
Color options^②: black blue grey orange				1 5 6 8					

1
5
6
8

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① Blocks cannot be interchanged (start-stop circuit).

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

③ EMERGENCY-STOP control devices according to IEC 60947-5-5 when provided with red operating head and 52BJK contact blocks.

Pushbutton Units and Indicator Lights

30 mm Heavy Duty, Watertight/Oiltight, Class 52

• Revised •
03/20/2012

Push pull complete units

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no. Plastic Head	List Price \$	Order no. Metal Head	List Price \$	Pack Unit
2 Position push-pull illuminated  	2 Position Push Pull, Maintained^④ Illuminated, Integrated LED Module							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2LRA 52PP2LSA 52PP2LTA		52PP2L2A 52PP2L3A 52PP2L9A		1
	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2MRA 52PP2MSA 52PP2MTA		52PP2M2A 52PP2M3A 52PP2M9A		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2NRA 52PP2NSA 52PP2NTA		52PP2N2A 52PP2N3A 52PP2N9A		1
	2 Position Push Pull, Maintained^④ Illuminated, Full Voltage^{③⑤}							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head with 52AADN, 24 V 757 type lamp or option: B = 52AED*, 24 V Single LED ^③	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2DZA 52PP2DRA 52PP2DSA —		— 52PP2D2A 52PP2D3A 52PP2D9A		1
	2 Position Push Pull, Maintained^④ Illuminated, Transformer^①							
	120 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^③	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2GZA 52PP2GRA 52PP2GSA 52PP2GTA		— 52PP2G2A 52PP2G3A 52PP2G9A		1
	240 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^③	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2HZA 52PP2HRA 52PP2HSA 52PP2HTA		— 52PP2H2A 52PP2H3A 52PP2H9A		1
	480 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^③	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2JZA 52PP2JRA 52PP2JSA 52PP2JTA		— 52PP2J2A 52PP2J3A 52PP2J9A		1
	600V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^③	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP2KZA 52PP2KRA 52PP2KSA 52PP2KTA		— 52PP2K2A 52PP2K3A 52PP2K9A		1

Color options^②: blue
clear
white

5
A
B

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- 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: 52PP2HRA**B**
- 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 EMERGENCY-STOP control devices according to IEC 60947-5-5 when provided with red operating head and 52BJK contact blocks.
- 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 52PP2**B**2A for 6V Incandescent Lamp). For LED options change the 6th Character to **B**=6V AC, or **E**=120V AC (Example: Order 52PP2**B**2AB for 6V AC LED Lamp option).

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no. Plastic Head	List Price \$	Order no. Metal Head	List Price \$	Pack Unit
3 Position push-pull illuminated  	3 Position Push Pull, Momentary Illuminated, Integrated LED Module							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3LRU 52PP3LSU 52PP3LTU		52PP3L2U 52PP3L3U 52PP3L9U		1
	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3MRU 52PP3MSU 52PP3MTU		52PP3M2U 52PP3M3U 52PP3M9U		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3NRU 52PP3NSU 52PP3NTU		52PP3N2U 52PP3N3U 52PP3N9U		1
	3 Position Push Pull, Momentary Illuminated, Full Voltage^{①⑤} (Pull to start, push to stop) ^②							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head with 52AADN, 24 V 757 type lamp or option: B = 52AED*, 24 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3DZU 52PP3DRU 52PP3DSU 52PP3DTU		52PP3DZU 52PP3D2U 52PP3D3U 52PP3D9U		1
	3 Position Push Pull, Momentary Illuminated, Transformer^① (Pull to start, push to stop) ^②							
	120 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3GZU 52PP3GRU 52PP3GSU 52PP3GTU		52PP3GZU 52PP3G2U 52PP3G3U 52PP3G9U		1
	240 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3HZU 52PP3HRU 52PP3HSU 52PP3HTU		52PP3HZU 52PP3H2U 52PP3H3U 52PP3H9U		1
	480 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3JZU 52PP3JRU 52PP3JSU 52PP3JTU		52PP3JZU 52PP3J2U 52PP3J3U 52PP3J9U		1
	600V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP3KZU 52PP3KRU 52PP3KSU 52PP3KTU		52PP3KZU 52PP3K2U 52PP3K3U 52PP3K9U		1

Color options^③: blue
clear
white

5
A
B

Technical Specifications
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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: 52PP3G2UB

② Blocks cannot be interchanged (start-stop circuit).

③ To order a color option, replace the 7th digit of the order number.

④ Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 10/161, for complete catalog number.

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 52PP3B2U for 6V Incandescent Lamp). For LED options change the 6th Character to **B**=6V AC, or **E**=120V AC (Example: Order 52PP3B2UB for 6V AC LED Lamp option).

Pushbutton Units and Indicator Lights

30 mm Heavy Duty, Watertight/Oiltight, Class 52

• Revised •
03/20/2012

Push pull complete units

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3 Position push-pull illuminated  	3 Position Push Pull, Push Maintained, Pull Momentary Illuminated, Integrated LED Module (Pull to start, push to stop) ^②							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7LRU 52PP7LSU 52PP7LTU		52PP7L2U 52PP7L3U 52PP7L9U		1
	120 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7MRU 52PP7MSU 52PP7MTU		52PP7M2U 52PP7M3U 52PP7M9U		1
	240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7NRU 52PP7NSU 52PP7NTU		52PP7N2U 52PP7N3U 52PP7N9U		1
	3 Position Push Pull, Momentary Push Maintained, Pull Momentary Illuminated, Full Voltage^{①③} (Pull to start, push to stop) ^②							
	24 V AC/DC 1 3/4" (44.5 mm) mushroom head with 52AADN, 24 V 757 type lamp or option: B = 52AED*, 24 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7DZU 52PP7DRU 52PP7DSU 52PP7DTU		52PP7D2U 52PP7D3U 52PP7D9U		1
	3 Position Push Pull, Momentary Push Maintained, Pull Momentary Illuminated, Transformer^① (Pull to start, push to stop) ^②							
	120 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7GZU 52PP7GRU 52PP7GSU 52PP7GTU		52PP7G2U 52PP7G3U 52PP7G9U		1
	240 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7HZU 52PP7HRU 52PP7HSU 52PP7HTU		52PP7H2U 52PP7H3U 52PP7H9U		1
	480 V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7JZU 52PP7JRU 52PP7JSU 52PP7JTU		52PP7J2U 52PP7J3U 52PP7J9U		1
	600V AC 1 3/4" (44.5 mm) mushroom head with 52AABN, 6 V 755 type lamp or option: B = 52AEB*, 6 V Single LED ^④	less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7KZU 52PP7KRU 52PP7KSU 52PP7KTU		52PP7K2U 52PP7K3U 52PP7K9U		1

Color options^③: blue
clear
white

5
A
B

Technical Specifications
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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: 52PP7JTUB

② Blocks cannot be interchanged (start-stop circuit).

③ To order a color option, replace the 7th digit of the order number.

④ Replace asterisk (*) in LED part number with color option that matches lens. See replacement lamps on page 10/161, for complete catalog number.

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 52PP7B2U for 6V Incandescent Lamp). For LED options change the 6th Character to **B**=6V AC, or **E**=120V AC (Example: Order 52PP7B2UB for 6V AC LED Lamp option).