

• Revised •
03/20/2012

Pushbutton Units and Indicator Lights

30 mm Heavy Duty, Watertight/Oiltight, Class 52

Push pull complete units

Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack Unit
				Plastic Head	\$	Metal Head	\$	
2 Position push-pull non-illuminated 	2 Position Push Pull, Maintained[Ⓢ] 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 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 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 chrome	1NO - 1NC	52PP7V4U					

Color options[Ⓢ]: black
blue
grey
orange

1
5
6
8

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[Ⓢ] Blocks cannot be interchanged (start-stop circuit).
[Ⓢ] To order a color option, replace the 7th digit of the order number.

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

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Selection and ordering data

	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
				Plastic Head	\$	Metal Head	\$	Unit
<p>2 Position push-pull illuminated</p>  	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^③ 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

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: 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).

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				Plastic Head	\$	Metal Head	\$	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 120 V AC 1 3/4" (44.5 mm) mushroom head 240 V AC 1 3/4" (44.5 mm) mushroom head	red	1NO - 1NC	52PP3LRU		52PP3L2U		1	
		green	1NO - 1NC	52PP3LSU		52PP3L3U		1	
		amber	1NO - 1NC	52PP3LTU		52PP3L9U		1	
		red	1NO - 1NC	52PP3MRU		52PP3M2U		1	
		green	1NO - 1NC	52PP3MSU		52PP3M3U		1	
		amber	1NO - 1NC	52PP3MTU		52PP3M9U		1	
		red	1NO - 1NC	52PP3NRU		52PP3N2U		1	
		green	1NO - 1NC	52PP3NSU		52PP3N3U		1	
		amber	1NO - 1NC	52PP3NTU		52PP3N9U		1	
	3 Position Push 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	1NO - 1NC	52PP3DZU		52PP3DZU		1	
		red	1NO - 1NC	52PP3DRU		52PP3D2U		1	
		green	1NO - 1NC	52PP3DSU		52PP3D3U		1	
		amber	1NO - 1NC	52PP3DTU		52PP3D9U		1	
		less operating head	1NO - 1NC	52PP3GZU		52PP3GZU		1	
			red	1NO - 1NC	52PP3GRU		52PP3G2U		1
			green	1NO - 1NC	52PP3GSU		52PP3G3U		1
		amber	1NO - 1NC	52PP3GTU		52PP3G9U		1	
		less operating head	1NO - 1NC	52PP3HZU		52PP3HZU		1	
	red		1NO - 1NC	52PP3HRU		52PP3H2U		1	
	green		1NO - 1NC	52PP3HSU		52PP3H3U		1	
	amber	1NO - 1NC	52PP3HTU		52PP3H9U		1		
	less operating head	1NO - 1NC	52PP3JZU		52PP3JZU		1		
		red	1NO - 1NC	52PP3JRU		52PP3J2U		1	
		green	1NO - 1NC	52PP3JSU		52PP3J3U		1	
amber	1NO - 1NC	52PP3JTU		52PP3J9U		1			
less operating head	1NO - 1NC	52PP3KZU		52PP3KZU		1			
	red	1NO - 1NC	52PP3KRU		52PP3K2U		1		
	green	1NO - 1NC	52PP3KSU		52PP3K3U		1		
amber	1NO - 1NC	52PP3KTU		52PP3K9U		1			

Color options^⑤: 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).

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	Version	Color of actuator	Contact blocks	Order no.	List Price	Order no.	List Price	Pack
				Plastic Head	\$	Metal Head	\$	Unit
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 120 V AC 1 3/4" (44.5 mm) mushroom head 240 V AC 1 3/4" (44.5 mm) mushroom head	red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7LRU		52PP7L2U		1
				52PP7LSU		52PP7L3U		
				52PP7LTU		52PP7L9U		
		red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7MRU		52PP7M2U		1
				52PP7MSU		52PP7M3U		
				52PP7MTU		52PP7M9U		
		red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7NRU		52PP7N2U		1
				52PP7NSU		52PP7N3U		
				52PP7NTU		52PP7N9U		
	3 Position Push Pull, Momentary Push Maintained, 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 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 ^④ 240 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 ^④ 480 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 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	52PP7DZU		52PP7DZU		1
				52PP7DRU		52PP7D2U		
				52PP7DSU		52PP7D3U		
		less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7DTU		52PP7D9U		1
				52PP7GZU		52PP7G2U		
				52PP7GRU		52PP7G3U		
		less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7GSU		52PP7G9U		1
				52PP7GTU		52PP7H2U		
				52PP7HZU		52PP7H3U		
less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7HRU		52PP7H9U		1		
		52PP7HSU		52PP7J2U				
		52PP7HTU		52PP7J3U				
less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7JZU		52PP7J9U		1		
		52PP7JRU		52PP7K2U				
		52PP7JSU		52PP7K3U				
less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7JTU		52PP7K9U		1		
		52PP7KZU		52PP7K2U				
		52PP7KRU		52PP7K3U				
less operating head red green amber	1NO - 1NC 1NO - 1NC 1NO - 1NC	52PP7KSU		52PP7K9U		1		
		52PP7KTU						

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).