

Push-Pull Units

- Two- and Three-Position
- Non-illuminated

Table 47-187. 2-Position Push-Pull Units — UL (NEMA) Type 3, 3R, 4, 4X, 12, 13
























	Operator Position ①		Button Type/Color ②	Push-Pull		Contact Type	Mounting Location	
	Pull	Push		Catalog Number	Price U.S. \$		A	B
								
	O X	X O	40 mm/Red	<u>10250T5B62</u> -1X		1NO 1NC		
	O X	X O	40 mm Engraved EMERG. STOP/Red	<u>10250T5B63</u> -1X		1NO 1NC		
	O X	X O	65 mm Alum. Engraved EMERG. STOP/Red	<u>10250T5J63</u> -1X		1NO 1NC		
	O X	X O	65 mm Alum. Engraved EMERG. STOP/Red Special Security Jumbo Mushroom Head	<u>10250ED1080</u> -2		1NO 1NC		



Table 47-188. 3-Position Pull-Pull Units — UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

Operator Position ①			Button Type/Color ②	Push-Pull		Contact Type	Mounting Location	
Pull	Intermediate	Push		Catalog Number	Price U.S. \$		A	B
								
X X	O X	O O	40 mm/ Black 40 mm/Red 40 mm Engraved EMERG. STOP/Red	<u>10250T9B60</u> -3X <u>10250T9B62</u> -3X <u>10250T9B63</u> -3X		1NC 1NC		
X X	O X	O O	40 mm/Black 40 mm/Red	<u>10250T4B60</u> -3X <u>10250T4B62</u> -3X		1NC 1NC		
O X	O O	X O	40 mm/Black 40 mm/Red	<u>10250T10B60</u> -1X <u>10250T10B62</u> -1X		1NO 1NC		

① X = closed circuit, O = open circuit.

② To order different type or color buttons, substitute the underlined characters with appropriate Suffix Code from the table below.
Example: 10250T5B64-1X.

Table 47-189. Button and Color Selection Table

Standard — 40 mm	Color	Suffix Code	Catalog Number	Price U.S. \$	Jumbo Mushroom Head ③ (Anodized) Aluminum — 65 mm	Color	Suffix Code	Catalog Number	Price U.S. \$
	Red Red (EMERG. STOP) Green Black Blue	B62 B63 B61 B60 B64	10250TB62 10250TB63 10250TB61 10250TB60 10250TB64			Red Red (EMERG. STOP) Green Black Yellow	J62 J63 J61 J60 J64	10250TJ62 10250TJ63 10250TJ61 10250TJ60 10250TJ64	

③ Anodized aluminum head is not suitable for use in ultraviolet light applications.

Accessories **Pages 47-155 – 47-156**
 Dimensions **Pages 47-160 – 47-162**
 Enclosures **Pages 47-153 – 47-154**
 Legend Plates **Pages 47-151 – 47-152**
 Discount Symbol **1CD1C**

Illuminated Push-Pull Units

- LED or Incandescent
- Full Voltage, Resistor or Transformer Type
- Two-Position Maintained



2-Position Push-Pull Operator with Red Button (Standard) and Full Voltage Light Unit

Table 47-190. 2-Position Illuminated Maintained Push, Maintained Pull — UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

Operator Position ①		Lamp	Type	Voltage	Red Standard Push-Pull ②		Contact Type	Mounting Location		LED/Lamp Number	
Maintained — Pull	Maintained — Push				Catalog Number	Price U.S. \$		A	B		
		LED	Full Voltage	24V AC/DC	10250T597LRD24-1X		1NO 1NC			Bayonet Base	
O	X			120V AC/DC	10250T597LRD2A-1X						
X	O			24V AC	10250T589LRD06-1X						
				120V AC	10250T563LRD06-1X						
O X	X O	Incandescent	Full Voltage	24V AC/DC	10250T579C47-1X		1NO 1NC			#757	
				Resistor	120V AC/DC	10250T580C47-1X					120MB
				Transformer	24V AC	10250T589C47-1X					#755
					120V AC	10250T563C47-1X					

① X = closed circuit, O = open circuit.

② To order different type or color lens, substitute the underlined characters with appropriate Suffix Code from table below. Example: 10250T579C63-1X. For LEDs with different voltages see ordering example on Page 47-131.

Table 47-191. Lens and Color Selection Table

Type	Lens Color	Incand. Suffix Code	LED Suffix Code	Catalog Number	Price U.S. \$
Standard – 40 mm 	Red	C47	RD	10250TC47	
	Red (EMERGENCY STOP)	C53	ED	10250TC53	
	Green	C48	GD	10250TC48	
	Blue	C49	LD	10250TC49	
	Amber	C50	AD	10250TC50	
	White	C51	WD	10250TC51	
	Clear	C52	CD	10250TC52	
	Side-Lighted Aluminum – 40 mm ③ 	Red	C57	RS	10250TC57
Red (EMERGENCY STOP)		C63	ES	10250TC63	
Green		C58	GS	10250TC58	
Blue		C59	LS	10250TC59	
Amber		C64	AS	10250TC64	
Yellow		C60	YS	10250TC60	
White		C61	WS	10250TC61	
Clear		C62	CS	10250TC62	
Aluminum Transparent Center – 40 mm ③ 	Red	C65	RH	10250TC65	
	Green	C66	GH	10250TC66	
	Amber	C67	AH	10250TC67	

③ Clear anodized aluminum and colored lens.

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 Replacement
 Lamps/LEDs **Page 47-157**
 Discount Symbol **1CD1C**

Illuminated Push-Pull Units
(Continued)

- LED or Incandescent
- Full Voltage, Resistor or Transformer Type
- Three-Position Momentary



3-Position Push-Pull Operator with Red Button (Standard) and Transformer Light Unit

Table 47-192. 3-Position Illuminated Momentary Push, Momentary Pull — UL (NEMA) Type 3, 3R, 4, 4X, 12, 13

Operator Position ^①			Lamp	Type	Voltage	Red Standard Push-Pull ^②		Contact Type	Mounting Location		LED/Lamp Number					
Momentary — Pull	Maintained — Intermediate	Momentary — Push				Catalog Number	Price U.S. \$		A	B						
			LED	Full Voltage	24V AC/DC	10250T1097LRD24-1X		1NO 1NC			Bayonet Base					
O X	O O	X O			120V AC	10250T1097LRD2A-1X										
					Transformer	24V AC						10250T1089LRD06-1X				
						120V AC						10250T1063LRD06-1X				
X X	O X	O O		Full Voltage	24V AC/DC	10250T497LRD24-3X	1NC 1NC			Bayonet Base						
					120V AC	10250T497LRD2A-3X										
				Transformer	24V AC	10250T489LRD06-3X										
					120V AC	10250T463LRD06-3X										
O X	O O	X O	Incandescent	Full Voltage	24V AC/DC	10250T1079C47-1X	1NO 1NC			#757						
					Resistor	120V AC				10250T1080C47-1X	120MB					
					Transformer	24V AC				10250T1089C47-1X	#755					
						120V AC				10250T1063C47-1X						
				X X	O X	O O				Full Voltage	24V AC/DC	10250T479C47-3X	1NC 1NC			#757
											Resistor	120V AC				10250T480C47-3X
										Transformer	24V AC	10250T489C47-3X				#755
											120V AC	10250T463C47-3X				

① X = closed circuit, O = open circuit.

② To order different type or color lens, substitute the underlined characters with appropriate Suffix Code from table on the bottom of **Page 47-126**. Example: 10250T1079C53-1X. For LEDs with different voltages see ordering example on **Page 47-131**.

Accessories **Pages 47-155 – 47-156**
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 Replacement
 Lamps/LEDs **Page 47-157**
 Discount Symbol **1CD1C**

Push-Pull Operators (Continued)

Push-Pull Light Units, Lenses and Buttons

Table 47-197. Light Units for Illuminated Push-Pull Devices

Light Unit Type	Type	Voltage	Catalog Number	Price U.S. \$	LED/Lamp Number		
LED (LEDs not included) ①	Full Voltage	—	10250T97L		Bayonet Base		
	Transformer AC Only 50/60 Hz	24	10250T89L				
		120	10250T63L				
		208	10250T64L				
		240	10250T65L				
		277	10250T82L				
		380	10250T66L				
		480	10250T67L				
		600	10250T68L				
	Incandescent	Full Voltage AC or DC	6	10250T69			120MB
12			10250T70				
24/28			10250T79				
32			10250T83				
Resistor AC or DC		120	10250T80		#755		
		240	10250T81				
		Transformer AC Only 50/60 Hz	24	10250T89			
			120	10250T63			
			208	10250T64			
			240	10250T65			
277	10250T82						
380	10250T66						
480	10250T67						
600	10250T68						

① These units do not include lamps. Order LED separately to match lens color, see Page 47-157.

Ordering example with one composite number:

Non-illuminated **10250T5 + 10250TB62 + 10250T1 = 10250T5B62-1X**

Incandescent **10250T5 + 10250T79 + 10250TC47 + 10250T1 = 10250T579C47-1X**

LED **10250T5 + 10250T97L + 10250TC47 + Voltage Code + 10250T1 = 10250T597LRD24-1X**



06 — 6V AC/DC
 12 — 12V AC/DC
 24 — 24V AC/DC
 48 — 48V AC/DC
 60 — 60V AC/DC
 2A — 120V AC
 2D — 120V DC

Table 47-198. Alternate Lenses for Illuminated Push-Pull Devices

	Color	Incand. Suffix Code	LED ② Suffix Code	Catalog Number	Price U.S. \$	
	Standard					
	Red	C47	RD	10250TC47		
	Red (EMER. STOP)	C53	ED	10250TC53		
	Green	C48	GD	10250TC48		
	Blue	C49	LD	10250TC49		
	Amber	C50	AD	10250TC50		
	White	C51	WD	10250TC51		
	Clear	C52	—	10250TC52		
	Side-Lighted Anodized Aluminum Ring					
	Red	C57	RS	10250TC57		
	Red (EMER. STOP)	C63	ES	10250TC63		
	Green	C58	GS	10250TC58		
	Blue	C59	LS	10250TC59		
	Amber	C64	AS	10250TC64		
	Yellow	C60	YS	10250TC60		
	White	C61	WS	10250TC61		
		Clear	C62	—	10250TC62	
		Heavy-Duty Aluminum with Transparent Center				
Red		C65	RH	10250TC65		
Green		C66	GH	10250TC66		
Amber		C67	AH	10250TC67		
Blue		C69	—	10250TC69		
White		C68	—	10250TC68		

② Suffix Codes should only be used for assembling composite Catalog Numbers. To order lens above, order by Catalog Number.

Table 47-199. Buttons for Non-illuminated Push-Pull Devices

	Color	Suffix Code	Catalog Number	Price U.S. \$
	Standard			
	Red	B62	10250TB62	
	Red (EMER. STOP)	B63	10250TB63	
	Green	B61	10250TB61	
	Black	B60	10250TB60	
	Jumbo Mushroom Head (Anodized) Aluminum ③			
	Red	J62	10250TJ62	
	Red (EMER. STOP)	J63	10250TJ63	
	Green	J61	10250TJ61	
	Black	J60	10250TJ60	
	Yellow	J64	10250TJ64	

③ Anodized aluminum head is not suitable for use in ultraviolet light applications.

Legend Plates

For a complete listing of available Legend Plates see Pages 47-151 – 47-152.

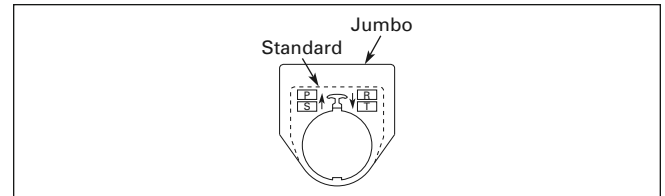


Figure 47-93. Legend Plates

Contact Blocks.....	Page 47-148
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Enclosures.....	Pages 47-153 – 47-154
Legend Plates.....	Pages 47-151 – 47-152
Discount Symbol.....	1CD1C