



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
								

2-Position Maintained Push, Maintained Pull


















	O X	X O	40 mm/Red	<u>10250T5</u> <u>B62</u> -1X		1NO 1NC		
	O X	X O	40 mm Engraved EMERG. STOP/Red	<u>10250T5</u> <u>B63</u> -1X		1NO 1NC		
	O X	X O	65 mm Alum. Engraved EMERG. STOP/Red	<u>10250T5</u> <u>J63</u> -1X		1NO 1NC		
	O X	X O	65 mm Alum. Engraved EMERG. STOP/Red Special Security Jumbo Mushroom Head	<u>10250ED</u> <u>1080</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
								

3-Position Maintained Push, Momentary Pull

X X	O X	O O	40 mm/ Black	<u>10250T9</u> <u>B60</u> -3X		1NC 1NC		
			40 mm/Red	<u>10250T9</u> <u>B62</u> -3X				
			40 mm Engraved EMERG. STOP/Red	<u>10250T9</u> <u>B63</u> -3X				



3-Position Momentary Push, Momentary Pull

X X	O X	O O	40 mm/Black	<u>10250T4</u> <u>B60</u> -3X		1NC 1NC		
			40 mm/Red	<u>10250T4</u> <u>B62</u> -3X				
O X	O O	X O	40 mm/Black	<u>10250T10</u> <u>B60</u> -1X		1NO 1NC		
			40 mm/Red	<u>10250T10</u> <u>B62</u> -1X				

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	<u>B62</u> <u>B63</u> <u>B61</u> <u>B60</u> <u>B64</u>	<u>10250TB</u> <u>62</u> <u>10250TB</u> <u>63</u> <u>10250TB</u> <u>61</u> <u>10250TB</u> <u>60</u> <u>10250TB</u> <u>64</u>			Red Red (EMERG. STOP) Green Black Yellow	<u>J62</u> <u>J63</u> <u>J61</u> <u>J60</u> <u>J64</u>	<u>10250TJ</u> <u>62</u> <u>10250TJ</u> <u>63</u> <u>10250TJ</u> <u>61</u> <u>10250TJ</u> <u>60</u> <u>10250TJ</u> <u>64</u>	

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	<u>10250T597LRD24-1X</u>		1NO 1NC			Bayonet Base	
O	X			120V AC/DC	<u>10250T597LRD2A-1X</u>						
X	O			Transformer	24V AC	<u>10250T589LRD06-1X</u>					
					120V AC	<u>10250T563LRD06-1X</u>					
O	X	Incandescent	Full Voltage	24V AC/DC	<u>10250T579C47-1X</u>		1NO 1NC			#757	
X	O			Resistor	120V AC/DC	<u>10250T580C47-1X</u>					120MB
				Transformer	24V AC	<u>10250T589C47-1X</u>					#755
					120V AC	<u>10250T563C47-1X</u>					

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.

Accessories **Pages 47-155 – 47-156**
 Additional Light Units **Page 47-131**
 Dimensions **Pages 47-160 – 47-162**
 Enclosures **Pages 47-153 – 47-154**
 Legend Plates **Pages 47-151 – 47-152**
 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	O	X			120V AC	10250T1097LRD2A-1X											
X	O	O			24V AC	10250T1089LRD06-1X											
X	O	O			120V AC	10250T1063LRD06-1X											
X X	O X	O O		Transformer	24V AC	10250T497LRD24-3X		1NC 1NC				Bayonet Base					
					120V AC	10250T497LRD2A-3X											
					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 120MB #755							
					Resistor	120V AC					10250T1080C47-1X						
					Transformer	24V AC					10250T1089C47-1X						
						120V AC					10250T1063C47-1X						
				X X	O X	O O		Transformer	Full Voltage		24V AC/DC	10250T479C47-3X	1NC 1NC			#757 120MB #755	
											Resistor	120V AC					10250T480C47-3X
											Transformer	24V AC					10250T489C47-3X
												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**
 Additional Light Units **Page 47-131**
 Dimensions **Pages 47-160 – 47-162**
 Enclosures **Pages 47-153 – 47-154**
 Legend Plates **Pages 47-151 – 47-152**
 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		
12			10250T70			
24/28			10250T79			
32			10250T83			
Resistor AC or DC		120	10250T80		#755	
		240	10250T81			
Transformer AC Only 50/60 Hz		24	10250T89		#755	
		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.

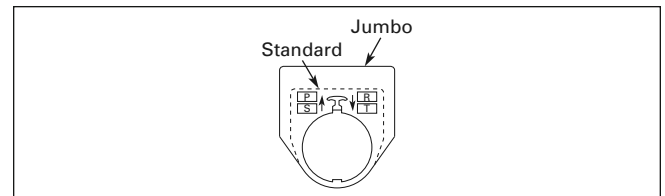


Figure 47-93. Legend Plates

Contact Blocks Page 47-148
 Dimensions Pages 47-160 – 47-162
 Enclosures Pages 47-153 – 47-154
 Legend Plates Pages 47-151 – 47-152
 Discount Symbol 1CD1C