

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

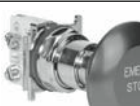
	O X	X O	40 mm/Red	10250T5B62-1X		1NO 1NC		
	O X	X O	40 mm Engraved EMERG. STOP/Red	10250T5B63-1X		1NO 1NC		
	O X	X O	65 mm Alum. Engraved EMERG. STOP/Red	10250T5J63-1X		1NO 1NC		
	O X	X O	65 mm Alum. Engraved EMERG. STOP/Red Special Security Jumbo Mushroom Head	10250ED1080-2		1NO 1NC		

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	10250T9B60-3X		1NC 1NC		
			40 mm/Red	10250T9B62-3X				
			40 mm Engraved EMERG. STOP/Red	10250T9B63-3X				

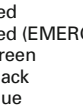
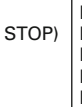
3-Position Momentary Push, Momentary Pull

X X	O X	O O	40 mm/Black	10250T4B60-3X		1NC 1NC		
			40 mm/Red	10250T4B62-3X				
O X	O O	X O	40 mm/Black	10250T10B60-1X		1NO 1NC		
			40 mm/Red	10250T10B62-1X				

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 (EMERG. STOP)	B62	10250TB62			Red (EMERG. STOP)	J62	10250TJ62	
	Green	B63	10250TB63			Green	J63	10250TJ63	
	Black	B61	10250TB61			Black	J61	10250TJ61	
	Blue	B60	10250TB60			Yellow	J60	10250TJ60	
		B64	10250TB64				J64	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

10250T Series, Assembled Devices — Illuminated Push-Pull Units

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	
O X	X O	LED	Full Voltage	24V AC/DC	10250T597LRD24-1X		1NO 1NC			Bayonet Base
				120V AC/DC	10250T597LRD2A-1X					
			Transformer	24V AC	10250T589LRD06-1X					
				120V AC	10250T563LRD06-1X					
O X	X O	Incandescent	Full Voltage	24V AC/DC	10250T579C47-1X		1NO 1NC			#757
				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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Dimensions Pages 47-160 – 47-162
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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	
O X	O O	X O	LED	Full Voltage	24V AC/DC	10250T1097LRD24-1X		1NO 1NC			Bayonet Base
					120V AC	10250T1097LRD2A-1X					
				Transformer	24V AC	10250T1089LRD06-1X					
					120V AC	10250T1063LRD06-1X					
X X	O X	O O	LED	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
					120V AC	10250T1080C47-1X					120MB
				Transformer	24V AC	10250T1089C47-1X					#755
					120V AC	10250T1063C47-1X					
X X	O X	O O	Incandescent	Full Voltage	24V AC/DC	10250T479C47-3X		1NC 1NC			#757
					120V AC	10250T480C47-3X					120MB
				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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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 12 24/28 32	10250T69 10250T70 10250T79 10250T83	
Incandescent	Resistor AC or DC	120	10250T80		120MB
		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	
	Blue	B64	10250TB64	
	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**.

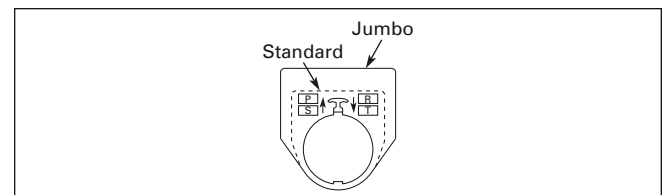


Figure 47-93. Legend Plates

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**