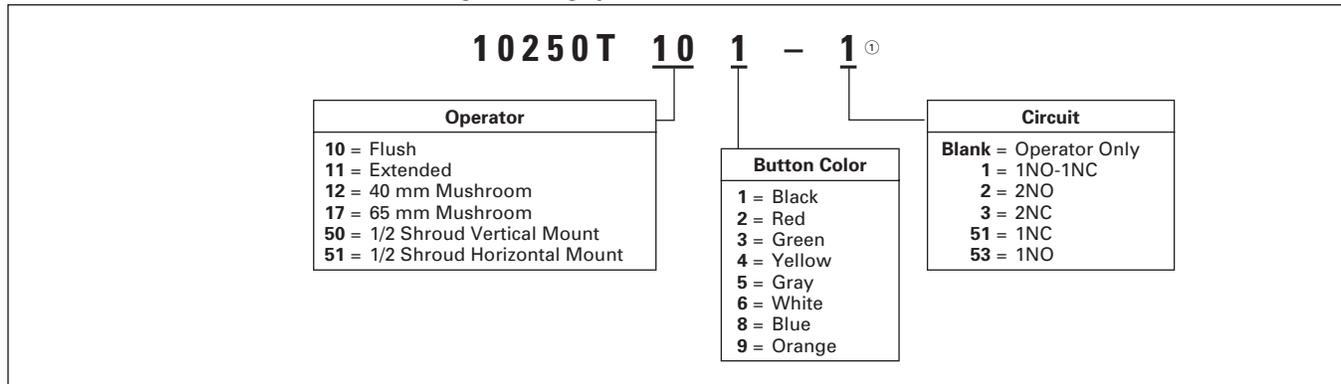


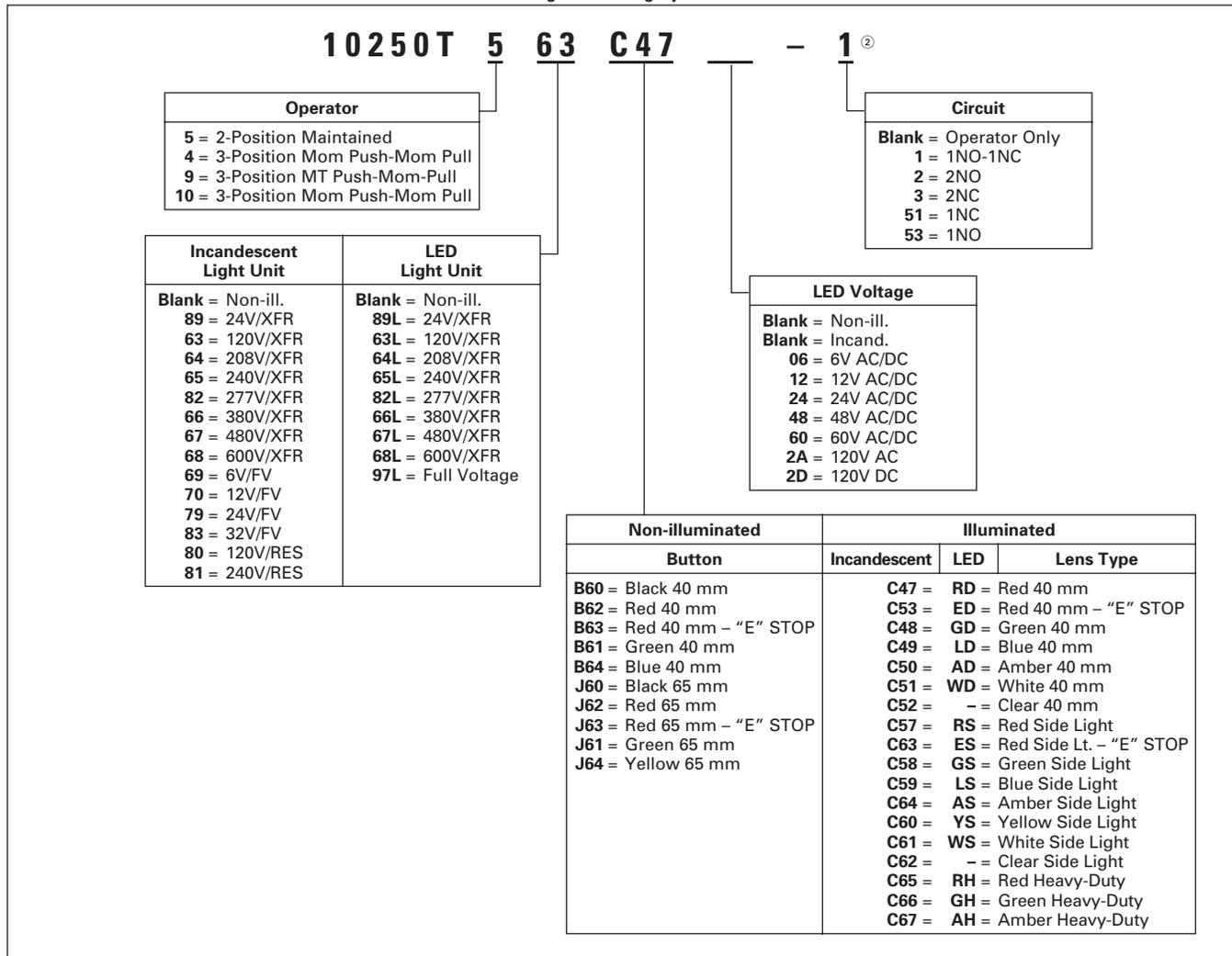
### Catalog Number Structure

**Table 47-256. Non-illuminated Pushbuttons Catalog Numbering System**



① Add X at end of Catalog Number to receive parts assembled from factory.

**Table 47-257. Illuminated and Non-illuminated Push-Pulls Catalog Numbering System**



② Add X at end of Catalog Number to receive parts assembled from factory.

**Table 47-258. Illuminated Pushbuttons Catalog Numbering System**

1 0 2 5 0 T		4 1 6	C 2 1	-	1 <sup>①</sup>																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Incandescent Light Unit</th> <th style="text-align: left;">LED Light Unit</th> </tr> </thead> <tbody> <tr><td>416 = 24V/XFR</td><td>416L = 24V/XFR</td></tr> <tr><td>412 = 120V/XFR</td><td>411L = 120V/XFR</td></tr> <tr><td>412 = 240V/XFR</td><td>412L = 240V/XFR</td></tr> <tr><td>419 = 277V/XFR</td><td>419L = 277V/XFR</td></tr> <tr><td>413 = 380V/XFR</td><td>413L = 380V/XFR</td></tr> <tr><td>414 = 480V/XFR</td><td>414L = 480V/XFR</td></tr> <tr><td>415 = 600V/XFR</td><td>415L = 600V/XFR</td></tr> <tr><td>473 = 6V/FV</td><td>497L = Full Voltage</td></tr> <tr><td>474 = 12V/FV</td><td></td></tr> <tr><td>476 = 24V/FV</td><td></td></tr> <tr><td>477 = 32V/FV</td><td></td></tr> <tr><td>478 = 48V/FV</td><td></td></tr> <tr><td>471 = 120V/RES</td><td></td></tr> <tr><td>472 = 240V/RES</td><td></td></tr> </tbody> </table>	Incandescent Light Unit	LED Light Unit	416 = 24V/XFR	416L = 24V/XFR	412 = 120V/XFR	411L = 120V/XFR	412 = 240V/XFR	412L = 240V/XFR	419 = 277V/XFR	419L = 277V/XFR	413 = 380V/XFR	413L = 380V/XFR	414 = 480V/XFR	414L = 480V/XFR	415 = 600V/XFR	415L = 600V/XFR	473 = 6V/FV	497L = Full Voltage	474 = 12V/FV		476 = 24V/FV		477 = 32V/FV		478 = 48V/FV		471 = 120V/RES		472 = 240V/RES										
Incandescent Light Unit	LED Light Unit																																						
416 = 24V/XFR	416L = 24V/XFR																																						
412 = 120V/XFR	411L = 120V/XFR																																						
412 = 240V/XFR	412L = 240V/XFR																																						
419 = 277V/XFR	419L = 277V/XFR																																						
413 = 380V/XFR	413L = 380V/XFR																																						
414 = 480V/XFR	414L = 480V/XFR																																						
415 = 600V/XFR	415L = 600V/XFR																																						
473 = 6V/FV	497L = Full Voltage																																						
474 = 12V/FV																																							
476 = 24V/FV																																							
477 = 32V/FV																																							
478 = 48V/FV																																							
471 = 120V/RES																																							
472 = 240V/RES																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Incandescent Lens Color</th> <th style="text-align: left;">LED Lens Color</th> </tr> </thead> <tbody> <tr><td>C21 = Red</td><td>RD = Red</td></tr> <tr><td>C22 = Green</td><td>GD = Green</td></tr> <tr><td>C23 = Yellow</td><td>YD = Yellow</td></tr> <tr><td>C26 = White</td><td>WD = White</td></tr> <tr><td>C24 = Blue</td><td>LD = Blue</td></tr> <tr><td>C43 = Amber</td><td>AD = Amber</td></tr> <tr><td>C25 = Clear</td><td></td></tr> </tbody> </table>		Incandescent Lens Color	LED Lens Color	C21 = Red	RD = Red	C22 = Green	GD = Green	C23 = Yellow	YD = Yellow	C26 = White	WD = White	C24 = Blue	LD = Blue	C43 = Amber	AD = Amber	C25 = Clear		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">LED Voltage</th> </tr> </thead> <tbody> <tr><td>Blank = Incand.</td></tr> <tr><td>06 = 6V AC/DC</td></tr> <tr><td>12 = 12V AC/DC</td></tr> <tr><td>24 = 24V AC/DC</td></tr> <tr><td>48 = 48V AC/DC</td></tr> <tr><td>60 = 60V AC/DC</td></tr> <tr><td>2A = 120V AC</td></tr> <tr><td>2D = 120V DC</td></tr> </tbody> </table>		LED Voltage		Blank = Incand.	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 border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Circuit</th> </tr> </thead> <tbody> <tr><td>Blank = Operator Only</td></tr> <tr><td>1 = 1NO-1NC</td></tr> <tr><td>2 = 2NO</td></tr> <tr><td>3 = 2NC</td></tr> <tr><td>51 = 1NC</td></tr> <tr><td>53 = 1NO</td></tr> </tbody> </table>		Circuit		Blank = Operator Only	1 = 1NO-1NC	2 = 2NO	3 = 2NC	51 = 1NC	53 = 1NO
Incandescent Lens Color	LED Lens Color																																						
C21 = Red	RD = Red																																						
C22 = Green	GD = Green																																						
C23 = Yellow	YD = Yellow																																						
C26 = White	WD = White																																						
C24 = Blue	LD = Blue																																						
C43 = Amber	AD = Amber																																						
C25 = Clear																																							
LED Voltage																																							
Blank = Incand.																																							
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																																							
Circuit																																							
Blank = Operator Only																																							
1 = 1NO-1NC																																							
2 = 2NO																																							
3 = 2NC																																							
51 = 1NC																																							
53 = 1NO																																							

① Add X at end of Catalog Number to receive parts assembled from factory.

**Table 47-259. Standard Indicating Lights, PresTest and Master Test Catalog Numbering System**

1 0 2 5 0 T		2 0 3 N	C 1 N	-	②																																																																																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Light Unit Type</th> </tr> <tr> <th style="text-align: left;">Standard – Incandescent</th> <th style="text-align: left;">Standard – LED</th> </tr> </thead> <tbody> <tr><td>181N = 120V/XFR</td><td>181L = 120V/XFR</td></tr> <tr><td>182N = 240V/XFR</td><td>182L = 240V/XFR</td></tr> <tr><td>198N = 277V/XFR</td><td>198L = 277V/XFR</td></tr> <tr><td>183N = 380V/XFR</td><td>183L = 380V/XFR</td></tr> <tr><td>184N = 480V/XFR</td><td>184L = 480V/XFR</td></tr> <tr><td>185N = 600V/XFR</td><td>185L = 600V/XFR</td></tr> <tr><td>203N = 6V/FV</td><td>197L = Full Voltage</td></tr> <tr><td>204N = 12V/FV</td><td></td></tr> <tr><td>206N = 24V/FV</td><td></td></tr> <tr><td>207N = 32V/FV</td><td></td></tr> <tr><td>208N = 48V/FV</td><td></td></tr> <tr><td>201N = 120V/RES</td><td></td></tr> <tr><td>202N = 240V/RES</td><td></td></tr> <tr><td>226N = 120V/Neon</td><td></td></tr> <tr><td>227N = 240V/Neon</td><td></td></tr> <tr> <th colspan="2" style="text-align: center;">PresTest – LED</th> </tr> <tr><td>221L = 120V/XFR</td><td></td></tr> <tr><td>222L = 240V/XFR</td><td></td></tr> <tr><td>223L = 380V/XFR</td><td></td></tr> <tr><td>224L = 480V/XFR</td><td></td></tr> <tr><td>225L = 600V/XFR</td><td></td></tr> <tr><td>297L = Full Voltage</td><td></td></tr> <tr> <th colspan="2" style="text-align: center;">PresTest – Incandescent</th> </tr> <tr><td>221N = 120V/XFR</td><td></td></tr> <tr><td>222N = 240V/XFR</td><td></td></tr> <tr><td>223N = 380V/XFR</td><td></td></tr> <tr><td>224N = 480V/XFR</td><td></td></tr> <tr><td>225N = 600V/XFR</td><td></td></tr> <tr><td>232N = 6V/FV</td><td></td></tr> <tr><td>233N = 12V/FV</td><td></td></tr> <tr><td>235N = 24V/FV</td><td></td></tr> <tr><td>238N = 32V/FV</td><td></td></tr> <tr><td>239N = 48V/FV</td><td></td></tr> <tr><td>231N = 120V/RES</td><td></td></tr> <tr><td>240N = 240V/RES</td><td></td></tr> <tr> <th colspan="2" style="text-align: center;">Master Test – Incandescent</th> </tr> <tr><td>187N = 120V/XFR</td><td></td></tr> <tr><td>189N = 240V AC – SS</td><td></td></tr> </tbody> </table>		Light Unit Type		Standard – Incandescent	Standard – LED	181N = 120V/XFR	181L = 120V/XFR	182N = 240V/XFR	182L = 240V/XFR	198N = 277V/XFR	198L = 277V/XFR	183N = 380V/XFR	183L = 380V/XFR	184N = 480V/XFR	184L = 480V/XFR	185N = 600V/XFR	185L = 600V/XFR	203N = 6V/FV	197L = Full Voltage	204N = 12V/FV		206N = 24V/FV		207N = 32V/FV		208N = 48V/FV		201N = 120V/RES		202N = 240V/RES		226N = 120V/Neon		227N = 240V/Neon		PresTest – LED		221L = 120V/XFR		222L = 240V/XFR		223L = 380V/XFR		224L = 480V/XFR		225L = 600V/XFR		297L = Full Voltage		PresTest – Incandescent		221N = 120V/XFR		222N = 240V/XFR		223N = 380V/XFR		224N = 480V/XFR		225N = 600V/XFR		232N = 6V/FV		233N = 12V/FV		235N = 24V/FV		238N = 32V/FV		239N = 48V/FV		231N = 120V/RES		240N = 240V/RES		Master Test – Incandescent		187N = 120V/XFR		189N = 240V AC – SS																																			
Light Unit Type																																																																																																																			
Standard – Incandescent	Standard – LED																																																																																																																		
181N = 120V/XFR	181L = 120V/XFR																																																																																																																		
182N = 240V/XFR	182L = 240V/XFR																																																																																																																		
198N = 277V/XFR	198L = 277V/XFR																																																																																																																		
183N = 380V/XFR	183L = 380V/XFR																																																																																																																		
184N = 480V/XFR	184L = 480V/XFR																																																																																																																		
185N = 600V/XFR	185L = 600V/XFR																																																																																																																		
203N = 6V/FV	197L = Full Voltage																																																																																																																		
204N = 12V/FV																																																																																																																			
206N = 24V/FV																																																																																																																			
207N = 32V/FV																																																																																																																			
208N = 48V/FV																																																																																																																			
201N = 120V/RES																																																																																																																			
202N = 240V/RES																																																																																																																			
226N = 120V/Neon																																																																																																																			
227N = 240V/Neon																																																																																																																			
PresTest – LED																																																																																																																			
221L = 120V/XFR																																																																																																																			
222L = 240V/XFR																																																																																																																			
223L = 380V/XFR																																																																																																																			
224L = 480V/XFR																																																																																																																			
225L = 600V/XFR																																																																																																																			
297L = Full Voltage																																																																																																																			
PresTest – Incandescent																																																																																																																			
221N = 120V/XFR																																																																																																																			
222N = 240V/XFR																																																																																																																			
223N = 380V/XFR																																																																																																																			
224N = 480V/XFR																																																																																																																			
225N = 600V/XFR																																																																																																																			
232N = 6V/FV																																																																																																																			
233N = 12V/FV																																																																																																																			
235N = 24V/FV																																																																																																																			
238N = 32V/FV																																																																																																																			
239N = 48V/FV																																																																																																																			
231N = 120V/RES																																																																																																																			
240N = 240V/RES																																																																																																																			
Master Test – Incandescent																																																																																																																			
187N = 120V/XFR																																																																																																																			
189N = 240V AC – SS																																																																																																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">LED Voltage</th> </tr> </thead> <tbody> <tr><td>Blank = Incand.</td></tr> <tr><td>06 = 6V AC/DC</td></tr> <tr><td>12 = 12V AC/DC</td></tr> <tr><td>24 = 24V AC/DC</td></tr> <tr><td>48 = 48V AC/DC</td></tr> <tr><td>60 = 60V AC/DC</td></tr> <tr><td>2A = 120V AC</td></tr> <tr><td>2D = 120V DC</td></tr> </tbody> </table>		LED Voltage		Blank = Incand.	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 border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Plastic</th> <th>Glass</th> <th>Lens Color</th> <th>Plastic</th> <th>Glass</th> <th>Lens Color</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">Standard/Master – Incandescent</td> <td colspan="3" style="text-align: center;">Standard/Master/PresTest – LED</td> </tr> <tr> <td>C1N =</td> <td>C7N =</td> <td>Red</td> <td>RP =</td> <td>RG =</td> <td>Red</td> </tr> <tr> <td>C2N =</td> <td>C8N =</td> <td>Green</td> <td>GP =</td> <td>GG =</td> <td>Green</td> </tr> <tr> <td>C3N =</td> <td>- =</td> <td>Yellow</td> <td>YP =</td> <td>- =</td> <td>Yellow</td> </tr> <tr> <td>C6N =</td> <td>C12N =</td> <td>White</td> <td>WP =</td> <td>WG =</td> <td>White</td> </tr> <tr> <td>C4N =</td> <td>C10N =</td> <td>Blue</td> <td>LP =</td> <td>LG =</td> <td>Blue</td> </tr> <tr> <td>C19N =</td> <td>C9N =</td> <td>Amber</td> <td>AP =</td> <td>AG =</td> <td>Amber</td> </tr> <tr> <td>C5N =</td> <td>C11N =</td> <td>Clear</td> <td></td> <td></td> <td></td> </tr> <tr> <th colspan="6" style="text-align: center;">PresTest – Incandescent</th> </tr> <tr> <td>C21 =</td> <td>C13N =</td> <td>Red</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C22 =</td> <td>C14N =</td> <td>Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C23 =</td> <td>- =</td> <td>Yellow</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C26 =</td> <td>C18N =</td> <td>White</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C24 =</td> <td>C16N =</td> <td>Blue</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C43 =</td> <td>C15N =</td> <td>Amber</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C25 =</td> <td>C17N =</td> <td>Clear</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Plastic	Glass	Lens Color	Plastic	Glass	Lens Color	Standard/Master – Incandescent			Standard/Master/PresTest – LED			C1N =	C7N =	Red	RP =	RG =	Red	C2N =	C8N =	Green	GP =	GG =	Green	C3N =	- =	Yellow	YP =	- =	Yellow	C6N =	C12N =	White	WP =	WG =	White	C4N =	C10N =	Blue	LP =	LG =	Blue	C19N =	C9N =	Amber	AP =	AG =	Amber	C5N =	C11N =	Clear				PresTest – Incandescent						C21 =	C13N =	Red				C22 =	C14N =	Green				C23 =	- =	Yellow				C26 =	C18N =	White				C24 =	C16N =	Blue				C43 =	C15N =	Amber				C25 =	C17N =	Clear			
LED Voltage																																																																																																																			
Blank = Incand.																																																																																																																			
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																																																																																																																			
Plastic	Glass	Lens Color	Plastic	Glass	Lens Color																																																																																																														
Standard/Master – Incandescent			Standard/Master/PresTest – LED																																																																																																																
C1N =	C7N =	Red	RP =	RG =	Red																																																																																																														
C2N =	C8N =	Green	GP =	GG =	Green																																																																																																														
C3N =	- =	Yellow	YP =	- =	Yellow																																																																																																														
C6N =	C12N =	White	WP =	WG =	White																																																																																																														
C4N =	C10N =	Blue	LP =	LG =	Blue																																																																																																														
C19N =	C9N =	Amber	AP =	AG =	Amber																																																																																																														
C5N =	C11N =	Clear																																																																																																																	
PresTest – Incandescent																																																																																																																			
C21 =	C13N =	Red																																																																																																																	
C22 =	C14N =	Green																																																																																																																	
C23 =	- =	Yellow																																																																																																																	
C26 =	C18N =	White																																																																																																																	
C24 =	C16N =	Blue																																																																																																																	
C43 =	C15N =	Amber																																																																																																																	
C25 =	C17N =	Clear																																																																																																																	

② Add X at end of Catalog Number to receive parts assembled from factory.

**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>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
								

**3-Position Maintained Push, Momentary Pull**

X	O	O	40 mm/ Black	<u>10250T9B60</u> -3X		1NC 1NC		
X	X	O	40 mm/Red	<u>10250T9B62</u> -3X				
		O	40 mm Engraved EMERG. STOP/Red	<u>10250T9B63</u> -3X				

**3-Position Momentary Push, Momentary Pull**

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

**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	LED	Full Voltage	24V AC/DC	<u>10250T597LRD24-1X</u>		1NO 1NC			Bayonet Base
X	O			120V AC/DC	<u>10250T597LRD2A-1X</u>					
			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 120MB #755
X	O			120V AC/DC	<u>10250T580C47-1X</u>					
			Transformer	24V AC	<u>10250T589C47-1X</u>					
				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 <sup>①</sup>			Lamp	Type	Voltage	Red Standard Push-Pull <sup>②</sup>		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	<u>10250T1097LRD24-1X</u>		1NO 1NC			Bayonet Base				
O X	O O	X O			120V AC	<u>10250T1097LRD2A-1X</u>									
					Transformer	24V AC						<u>10250T1089LRD06-1X</u>			
						120V AC						<u>10250T1063LRD06-1X</u>			
X X	O X	O O		Full Voltage	24V AC/DC	<u>10250T497LRD24-3X</u>		1NC 1NC				Bayonet Base			
					120V AC	<u>10250T497LRD2A-3X</u>									
					Transformer	24V AC							<u>10250T489LRD06-3X</u>		
						120V AC							<u>10250T463LRD06-3X</u>		
O X	O O	X O	Incandescent	Full Voltage	24V AC/DC	<u>10250T1079C47-1X</u>		1NO 1NC			#757				
					Resistor	120V AC					<u>10250T1080C47-1X</u>	120MB			
					Transformer	24V AC					<u>10250T1089C47-1X</u>	#755			
						120V AC					<u>10250T1063C47-1X</u>				
				X X	O X	O O	Full Voltage	24V AC/DC	<u>10250T479C47-3X</u>		1NC 1NC			#757	
								Resistor	120V AC					<u>10250T480C47-3X</u>	120MB
								Transformer	24V AC					<u>10250T489C47-3X</u>	#755
									120V AC					<u>10250T463C47-3X</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 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**

**Illuminated Push-Pull Units**  
**(Continued)**

- LED or Incandescent
- Full Voltage, Resistor or Transformer Type
- Three-Position — Maintained Push, Momentary Pull



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

**Table 47-193. 3-Position Illuminated Maintained Push, Momentary Pull — UL (NEMA) Type 3, 3R, 4, 4X, 12, 13**

Operator Position <sup>①</sup>			Lamp	Type	Voltage	Red Standard Push-Pull <sup>②</sup>		Contact Type	Mounting Location		LED/Lamp Number	
Momentary — Pull	Maintained — Intermediate	Maintained — Push				Catalog Number	Price U.S. \$		A	B		
X X	O X	O O	LED	Full Voltage	24V AC/DC	<u>10250T997LRD24-3X</u>		1NC 1NC			Bayonet Base	
					120V AC	<u>10250T997LRD2A-3X</u>						
					Transformer	24V AC	<u>10250T989LRD06-3X</u>					
					120V AC	<u>10250T963LRD06-3X</u>						
X X	O X	O O	Incandescent	Full Voltage	24V AC/DC	<u>10250T979C47-3X</u>		1NC 1NC			#757	
					Resistor	120V AC	<u>10250T980C47-3X</u>					120MB
					Transformer	24V AC	<u>10250T989C47-3X</u>					#755
						120V AC	<u>10250T963C47-3X</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 on the bottom of **Page 47-126**. Example: 10250T979C53-3X. For LEDs with different voltages see ordering example on **Page 47-131**.

**Potentiometers**

**Table 47-194. Potentiometer with Knob and Standard Dial Plate — Linear Type ±10% — UL (NEMA) Type 3, 3R, 4, 12, 13**

Vertical or Horizontal One-Hole Mounting	Potentiometer Ohms	2 Watt (60V Max.) Single Potentiometer with Standard Aluminum Dial Plate <sup>③④</sup>		Dimensions in Inches (mm)
		Catalog Number	Price U.S. \$	
	1000	<u>10250T331</u>		<p>Potentiometer</p>
	2500	<u>10250T332</u>		
	5000	<u>10250T338</u>		
10000	<u>10250T333</u>			
25000	<u>10250T334</u>			
50000	<u>10250T335</u>			
	Operator Only <sup>⑤</sup>	<u>10250T330</u>		
	Alternative — Black Plastic Large Legend with Standard Markings	<u>E34LP99</u>		

③ Large dial plate with space for legend is available at no charge. To order, add suffix **36** to Catalog Number. Example: 10250T331**36**. To order separately, see footnote <sup>④</sup> below.

④ Large dial plate has space at top for 15 letters. 3/32 inch high. For custom stamped legend plates, order legend plate as separate item **10250TR30** and specify stamping.

⑤ For use with commercially purchased potentiometers having shaft dimensions per dimension drawing on **Page 47-161**.

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**