







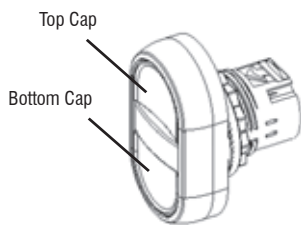
Multifunction Pushbuttons, Quick Order Guide (see following pages for Build Your Own part number matrix)

Two Position, Non-Illuminated								Plastic operator with plastic bezel		Metal operator with metal bezel	
Position A (Bottom)			Position C (Top)			Contacts					
Color	Type	Text	Color	Type	Text	N.O.	N.C.				
Red	Extended	Blank	Green	Flush	Blank	1	1	D7P-U2E4F3PX11	D7M-U2E4F3PX11		
		O			I	1	1			D7P-U2EFFEPX11	D7M-U2EFFEPX11
		STOP			START	1	1			D7P-U2EBFAPX11	D7M-U2EBFAPX11
Red	Extended	Blank	Green	Flush	Blank	Operator Only		D7P-U2E4F3	D7M-U2E4F3		
		O			I			D7P-U2EFFE	D7M-U2EFFE		
		STOP			START			D7P-U2EBFA	D7M-U2EBFA		

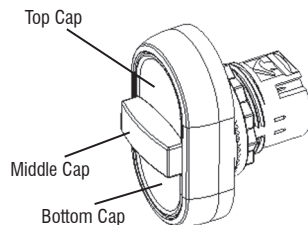
Three Position, Non-Illuminated											Plastic operator with plastic bezel		Metal operator with metal bezel	
Position A (Bottom)			Position B (Middle)			Position C (Top)			Contacts					
Color	Type	Text	Color	Type	Text	Color	Type	Text	N.O.	N.C.				
Green	Flush	Blank	Red	Extended	Blank	Green	Flush	Blank	2	1	D7P-U3F3F34PX21	D7M-U3F3F34PX21		
					Stop				2	1			D7P-U3F3F3BPX21	D7M-U3F3F3BPX21
Green	Flush	Blank	Red	Extended	Blank	Operator Only					D7P-U3F3F34	D7M-U3F3F34		
					Stop						D7P-U3F3F3B	D7M-U3F3F3B		

Two Position, Illuminated								Plastic operator with plastic bezel		Metal operator with metal bezel		
Position A (Bottom)			Center	Position C (Top)			Contacts					
Color	Type	Text	Type	Color	Type	Text	N.O.	N.C.				
Red	Extended	Blank	White Pilot Light	Green	Flush	Blank	1	1	D7P-LU2E4F3PN★WX11	D7M-LU2E4F3PN★WX11		
		O				I	1	1			D7P-LU2EFFEPN★WX11	D7M-LU2EFFEPN★WX11
		STOP				START	1	1			D7P-LU2EBFAPN★WX11	D7M-LU2EBFAPN★WX11
Red	Extended	Blank	White Pilot Light	Green	Flush	Blank	Operator Only		D7P-LU2E4F3	D7M-LU2E4F3		
		O				I			D7P-LU2EFFE	D7M-LU2EFFE		
		STOP				START			D7P-LU2EBFA	D7M-LU2EBFA		

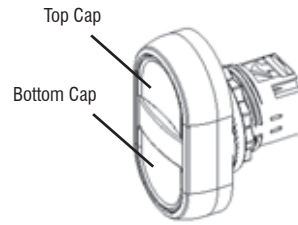
Integral LED module
Replace ★ with
3 24V AC/DC
5 120V AC
7 240V AC



Two Position

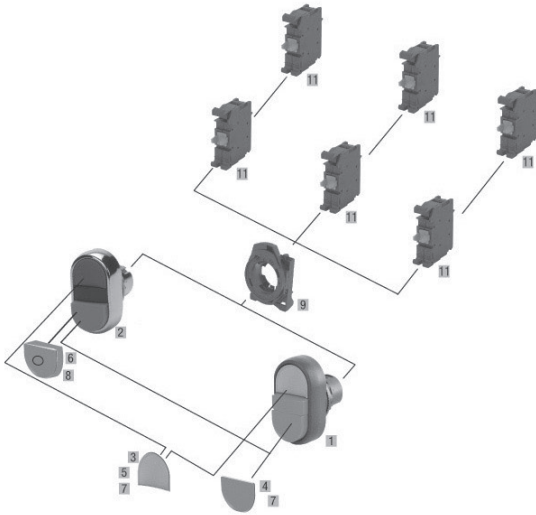


Three Position

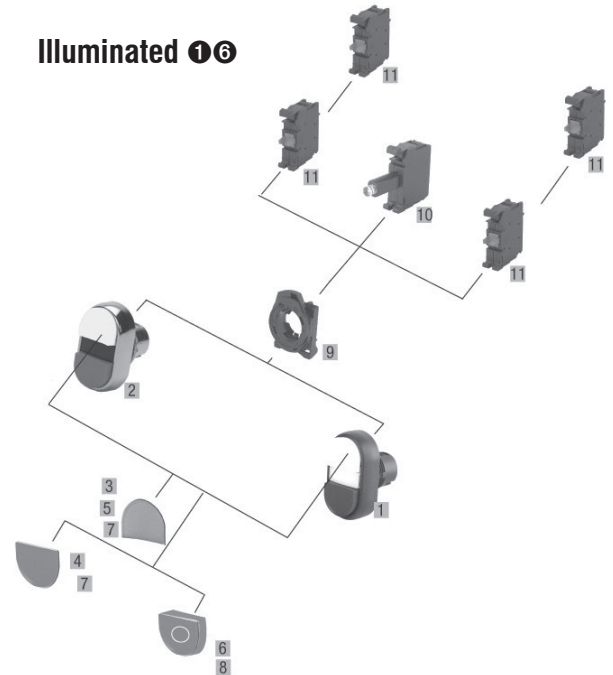


Two Position Illuminated

Multifunction Pushbutton Components Non-Illuminated ❶



Illuminated ❶❷



Component	Catalog Number	Pkg. Qty.																								
01 Plastic operator with plastic bezel, two position, no color caps	D7P-U2X	1																								
Metal operator with shiny metal bezel, two position, no color caps	D7M-U2X	1																								
01 Plastic operator with plastic bezel, two position, illuminated, no color caps ❷	D7P-LU2X	1																								
02 Plastic operator with plastic bezel, three position, extended red middle cap, no top and bottom color caps	D7P-U3X	1																								
Metal operator with shiny metal bezel, three position, extended red middle cap, no top and bottom color caps	D7M-U3X	1																								
02 Metal operator with shiny metal bezel, two position, illuminated, no color caps ❷	D7M-LU2X	1																								
03 Top Color Caps, flush ❸		1																								
<table border="0"> <tr><td>Green</td><td>I</td><td>D7-AFCU3CU909</td></tr> <tr><td>White</td><td>I</td><td>D7-AFCU1CU909</td></tr> <tr><td>Green</td><td>II</td><td>D7-AFCU3CU230</td></tr> <tr><td>Green</td><td>RIGHT</td><td>D7-AFCU3CE191</td></tr> <tr><td>Green</td><td>UP</td><td>D7-AFCU3CE223</td></tr> <tr><td>Green</td><td>FORWARD</td><td>D7-AFCU3CE120</td></tr> <tr><td>Green</td><td>START</td><td>D7-AFCU3CE208</td></tr> <tr><td>White</td><td>START</td><td>D7-AFCU1CE208</td></tr> </table>	Green	I	D7-AFCU3CU909	White	I	D7-AFCU1CU909	Green	II	D7-AFCU3CU230	Green	RIGHT	D7-AFCU3CE191	Green	UP	D7-AFCU3CE223	Green	FORWARD	D7-AFCU3CE120	Green	START	D7-AFCU3CE208	White	START	D7-AFCU1CE208		
Green	I	D7-AFCU3CU909																								
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Green	RIGHT	D7-AFCU3CE191																								
Green	UP	D7-AFCU3CE223																								
Green	FORWARD	D7-AFCU3CE120																								
Green	START	D7-AFCU3CE208																								
White	START	D7-AFCU1CE208																								
04 Bottom Color Caps, flush ❸		1																								
<table border="0"> <tr><td>Green</td><td>I</td><td>D7-AFAU3CU909</td></tr> <tr><td>White</td><td>I</td><td>D7-AFAU1CU909</td></tr> <tr><td>Green</td><td>II</td><td>D7-AFAU3CU230</td></tr> <tr><td>Green</td><td>LEFT</td><td>D7-AFAU3CE145</td></tr> <tr><td>Green</td><td>DOWN</td><td>D7-AFAU3CE110</td></tr> <tr><td>Green</td><td>REVERSE</td><td>D7-AFAU3CE188</td></tr> <tr><td>Green</td><td>START</td><td>D7-AFAU3CE208</td></tr> <tr><td>White</td><td>START</td><td>D7-AFAU1CE208</td></tr> </table>	Green	I	D7-AFAU3CU909	White	I	D7-AFAU1CU909	Green	II	D7-AFAU3CU230	Green	LEFT	D7-AFAU3CE145	Green	DOWN	D7-AFAU3CE110	Green	REVERSE	D7-AFAU3CE188	Green	START	D7-AFAU3CE208	White	START	D7-AFAU1CE208		
Green	I	D7-AFAU3CU909																								
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White	START	D7-AFAU1CE208																								

Component	Catalog Number	Pkg. Qty.																		
05 Top Color Caps, extended ❸	<table border="0"> <tr><td>Red</td><td>STOP</td><td>D7-AECU4CE212</td></tr> <tr><td>Black</td><td>STOP</td><td>D7-AECU2CE212</td></tr> <tr><td>Red</td><td>0</td><td>D7-AECU4CU910</td></tr> <tr><td>Black</td><td>0</td><td>D7-AECU2CU910</td></tr> </table>	Red	STOP	D7-AECU4CE212	Black	STOP	D7-AECU2CE212	Red	0	D7-AECU4CU910	Black	0	D7-AECU2CU910	1						
Red	STOP	D7-AECU4CE212																		
Black	STOP	D7-AECU2CE212																		
Red	0	D7-AECU4CU910																		
Black	0	D7-AECU2CU910																		
06 Bottom Color Caps, extended ❸	<table border="0"> <tr><td>Red</td><td>STOP</td><td>D7-AEAU4CE212</td></tr> <tr><td>Black</td><td>STOP</td><td>D7-AEAU2CE212</td></tr> <tr><td>Red</td><td>0</td><td>D7-AEAU4CU910</td></tr> <tr><td>Black</td><td>0</td><td>D7-AEAU2CU910</td></tr> </table>	Red	STOP	D7-AEAU4CE212	Black	STOP	D7-AEAU2CE212	Red	0	D7-AEAU4CU910	Black	0	D7-AEAU2CU910	1						
Red	STOP	D7-AEAU4CE212																		
Black	STOP	D7-AEAU2CE212																		
Red	0	D7-AEAU4CU910																		
Black	0	D7-AEAU2CU910																		
07 Replacement Caps, top or bottom, flush	<table border="0"> <tr><td>White</td><td>blank</td><td>D7-AFU1</td></tr> <tr><td>Black</td><td>blank</td><td>D7-AFU2</td></tr> <tr><td>Green</td><td>blank</td><td>D7-AFU3</td></tr> <tr><td>Red</td><td>blank</td><td>D7-AFU4</td></tr> <tr><td>Yellow</td><td>blank</td><td>D7-AFU5</td></tr> <tr><td>Blue</td><td>blank</td><td>D7-AFU6</td></tr> </table>	White	blank	D7-AFU1	Black	blank	D7-AFU2	Green	blank	D7-AFU3	Red	blank	D7-AFU4	Yellow	blank	D7-AFU5	Blue	blank	D7-AFU6	10
White	blank	D7-AFU1																		
Black	blank	D7-AFU2																		
Green	blank	D7-AFU3																		
Red	blank	D7-AFU4																		
Yellow	blank	D7-AFU5																		
Blue	blank	D7-AFU6																		
08 Replacement Caps, top or bottom, extended	<table border="0"> <tr><td>White</td><td>blank</td><td>D7-AEU1</td></tr> <tr><td>Black</td><td>blank</td><td>D7-AEU2</td></tr> <tr><td>Green</td><td>blank</td><td>D7-AEU3</td></tr> <tr><td>Red</td><td>blank</td><td>D7-AEU4</td></tr> <tr><td>Yellow</td><td>blank</td><td>D7-AEU5</td></tr> <tr><td>Blue</td><td>blank</td><td>D7-AEU6</td></tr> </table>	White	blank	D7-AEU1	Black	blank	D7-AEU2	Green	blank	D7-AEU3	Red	blank	D7-AEU4	Yellow	blank	D7-AEU5	Blue	blank	D7-AEU6	10
White	blank	D7-AEU1																		
Black	blank	D7-AEU2																		
Green	blank	D7-AEU3																		
Red	blank	D7-AEU4																		
Yellow	blank	D7-AEU5																		
Blue	blank	D7-AEU6																		
09 Tool-less Mounting Latch (for snap-on contact blocks and power module)	<table border="0"> <tr><td>Plastic Latch</td><td>D7-ALP</td></tr> <tr><td>Metal Latch</td><td>D7-ALM</td></tr> </table>	Plastic Latch	D7-ALP	Metal Latch	D7-ALM	10														
Plastic Latch	D7-ALP																			
Metal Latch	D7-ALM																			
10 Power Module Integral LED Module	<table border="0"> <tr><td>24V AC/DC</td><td>D7-N3W</td></tr> <tr><td>120V AC</td><td>D7-N5W</td></tr> <tr><td>240V AC</td><td>D7-N7W</td></tr> </table>	24V AC/DC	D7-N3W	120V AC	D7-N5W	240V AC	D7-N7W	10												
24V AC/DC	D7-N3W																			
120V AC	D7-N5W																			
240V AC	D7-N7W																			
11 Contact blocks ❹	<table border="0"> <tr><td>NO</td><td>D7-X10</td></tr> <tr><td>NC</td><td>D7-X01</td></tr> <tr><td>NO, low voltage</td><td>D7-X10V ❺</td></tr> <tr><td>NC, low voltage</td><td>D7-X01V ❺</td></tr> </table>	NO	D7-X10	NC	D7-X01	NO, low voltage	D7-X10V ❺	NC, low voltage	D7-X01V ❺	10										
NO	D7-X10																			
NC	D7-X01																			
NO, low voltage	D7-X10V ❺																			
NC, low voltage	D7-X01V ❺																			

❶ Legend plates sold separately. See page H73 for information.

❷ See page H76 for other custom printed ISO and text options.

❸ Up to 4 contact blocks (in any combination) can be attached to two button operators. Up to 6 contact blocks (3 across / 2 high) can be attached to three button

operators.

❹ LED module required for illumination, cannot use incandescent module.

❺ Low voltage contact blocks must be ordered separately.

Multifunction Pushbuttons, Non-Illuminated (Build Your Own) ①

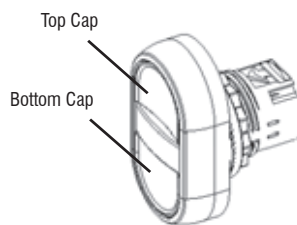
Contact Blocks ②③	Plastic operator with plastic bezel	Metal operator with metal bezel	Contact Blocks ②③	Plastic operator with plastic bezel	Metal operator with metal bezel
	Two Position ④			Three Position ④⑦	
	Catalog Number	Catalog Number		Catalog Number	Catalog Number
Operator Only	D7P-U2♦♣♠♠	D7M-U2♦♣♠♠	Operator Only	D7P-U3♦♣♠♠♥	D7M-U3♦♣♠♠♥
2	D7P-U2♦♣♠♠P▼	D7M-U2♦♣♠♠P▼	3	D7P-U3♦♣♠♠♥P▼	D7M-U3♦♣♠♠♥P▼

Complete Kit Ordering Instructions

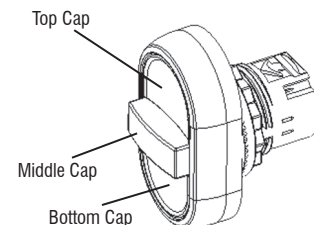
D7P	U2	★	◆	♣	♠	♥	P	▼
Oper. Construction	Oper. Style	Bottom Cap Type	Bottom Color/Text ④	Top Cap Type	Top Color/Text ④	Middle Color/Text	Mounting Latch	Contacts ②③
D7P - Plastic operator with plastic bezel (Type 4/4X, IP66) D7M - Metal operator with metal bezel (Type 4, IP66)	U2 - Two function U3 - Three function	F - Flush E - Extended X - No caps (all positions) ⑦	1 - White blank 2 - Black blank 3 - Green blank 4 - Red blank 5 - Yellow blank 6 - Blue blank Standard Text Options ⑤ A - Green Start B - Red Stop C - White Start D - Black Stop E - Green I F - Red O G - White I H - Black O	F - Flush E - Extended	1 - White blank 2 - Black blank 3 - Green blank 4 - Red blank 5 - Yellow blank 6 - Blue blank Standard Text Options ⑤ A - Green Start B - Red Stop C - White Start D - Black Stop E - Green I F - Red O G - White I H - Black O	4 - Red blank B - Red Stop F - Red O	P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch <i>List price changes</i>	X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC
<p>Only Standard Inscription caps are available in Kit form. Other custom printed cap options on page H76 must be purchased separately. Order kits above with "No Caps" and order the custom printed cap separately for field installation.</p>								

➡ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

Standard Inscription Caps ⑤		
Color	Text	
	Flush Caps	Extended Caps
White	START, I	—
Black	—	Stop, O
Green	START, I	—
Red	—	Stop, O



Two Position Multi-Function ⑥





Three Position Multi-Function ⑥

- ① Legend plates sold separately. See page H73 for information.
- ② Up to 4 contact blocks (in any combination) can be attached to two button operators. Up to 6 contact blocks (3 across / 2 high) can be attached to three button operators.
- ③ See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage contact blocks.
- ④ Blank color caps included in base number. Choose standard text options or order with "no caps" and order custom text caps from page H76.

- ⑤ Valid standard "complete kit" cap type and cap color/text selection. List price changes.
- ⑥ Mounting latch slot 1 (left position when viewed for the back) corresponds to the Top Cap pushbutton of the operator. Slot 2 of the mounting latch (right position when viewed from the back) corresponds to the Bottom Cap pushbutton of the operator.
- ⑦ For "no caps" option, (position B) center cap available as red, no text only.

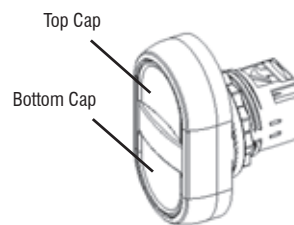
Multifunction Pushbuttons, Illuminated (Build Your Own) ①⑥

Contact Block(s) ②③	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	Two Position ④	Two Position ④
	Catalog Number	Catalog Number
Oper. Only	D7P-LU2②④⑤⑥⑦	D7M-LU2②④⑤⑥⑦
Integral LED Module		
2	D7P-LU2②④⑤⑥⑦★▼	D7M-LU2②④⑤⑥⑦★▼

Complete Kit Ordering Instructions

D7P	–	LU2	★	◆	♣	♠	P	★	▼
Oper. Construction	Oper. Style	Bottom Cap Type	Bottom Color/Text ④	Top Cap Type	Top Color/Text ④	Mounting Latch	Middle Cap White Lens Power Module ⑥	Contacts ②③	
D7P - Plastic operator with plastic bezel (Type 4/4X, IP66)	LU2 - Two function, illuminated	F - Flush E - Extended	1 - White blank 2 - Black blank 3 - Green blank 4 - Red blank 5 - Yellow blank 6 - Blue blank Standard Text Options ⑤ A - Green Start B - Red Stop C - White Start D - Black Stop E - Green I F - Red O G - White I H - Black O	F - Flush E - Extended	1 - White blank 2 - Black blank 3 - Green blank 4 - Red blank 5 - Yellow blank 6 - Blue blank Standard Text Options ⑤ A - Green Start B - Red Stop C - White Start D - Black Stop E - Green I F - Red O G - White I H - Black O	P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch <i>List price changes</i>	Integral LED module N3W, 24V AC/DC N5W, 120V AC N7W, 240V AC	X20 - 2NO X02 - 2NC (↔) X11 - 1NO/1NC	
<p><i>Only Standard Inscription caps are available in Kit form. Other custom printed cap options on page H76 must be purchased separately. Order kits above with "No Caps" and order the custom printed cap separately for field installation.</i></p>									

Standard Inscription Caps ⑤		
Color	Text	
	Flush Caps	Extended Caps
White	START, I	—
Black	—	STOP, O
Green	START, I	—
Red	—	STOP, O





Two Position Illuminated Multi-Function ⑦

↔ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

- ① Legend plates sold separately. See page H73 for information.
- ② Up to 4 contact blocks can be attached.
- ③ See page H74 for complete kit ordering information on other special contact blocks.
- ④ Blank color caps included in base number. Choose standard text options or order with "no caps" and order custom text caps from page H76.
- ⑤ Valid standard "complete kit" cap type and cap color/text selection. List price changes

- ⑥ LED module required for illumination, cannot use incandescent module. Lens color available in white only.
- ⑦ Mounting latch slot 1 (left position when viewed for the back) corresponds to the Top Cap pushbutton of the operator. Slot 2 of the mounting latch (right position when viewed from the back) corresponds to the Bottom Cap pushbutton of the operator.

Selector/Jog Operators (Complete Kits) ①



Contact Blocks ②③	Two Position Selector/Jog		Three Position Selector/Jog	
				
	Plastic Jog Operator	Metal Jog Operator	Plastic Jog Operator	Metal Jog Operator
	Catalog Number	Catalog Number	Catalog Number	Catalog Number
Oper. Only	D7P-SJ2	D7M-SJ2	D7P-SJ3	D7M-SJ3
1NO	D7P-SJ2PX10	D7M-SJ2PX10	D7P-SJ3PX10	D7M-SJ3PX10
1NC	D7P-SJ2PX01	D7M-SJ2PX01	D7P-SJ3PX01	D7M-SJ3PX01
2NO	D7P-SJ2PX20	D7M-SJ2PX20	D7P-SJ3PX20	D7M-SJ3PX20
2NC	D7P-SJ2PX02	D7M-SJ2PX02	D7P-SJ3PX02	D7M-SJ3PX02
1NO/1NC	D7P-SJ2PX11	D7M-SJ2PX11	D7P-SJ3PX11	D7M-SJ3PX11
3NO	D7P-SJ2PX30	D7M-SJ2PX30	D7P-SJ3PX30	D7M-SJ3PX30
3NC	D7P-SJ2PX03	D7M-SJ2PX03	D7P-SJ3PX03	D7M-SJ3PX03
2NO/1NC	D7P-SJ2PX21	D7M-SJ2PX21	D7P-SJ3PX21	D7M-SJ3PX21
1NO/2NC	D7P-SJ2PX12	D7M-SJ2PX12	D7P-SJ3PX12	D7M-SJ3PX12

Complete Kit Ordering Instructions

D7P	-	SJ2	★	P	▼
Oper. Construction		Oper. Style	Lens Cap Color	Mounting Latch	Contacts ②③
D7P - Plastic operator with plastic bezel (Type 4/4X, IP66)		SJ2 - 2 Position selector/jog SJ3 - 3 Position selector/jog	2 - Black 3 - Green	P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch List price changes	X10 - 1NO X01 - 1NC → X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC
D7M - Metal operator with metal bezel (Type 4, IP66)					




→ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

Target Table and Operator Position (2 Position)

Contact Type	Position on Mounting Latch				
		Selector Left Free	Selector Left Depressed	Selector Right Free	Selector Right Depressed
N.O.	Left	0	X	0	0
N.O.	Right	0	0	0	X
N.O.	Center	0	X	0	X
N.C.	Left	X	0	X	X
N.C.	Right	X	X	X	0
N.C.	Center	X	0	X	0

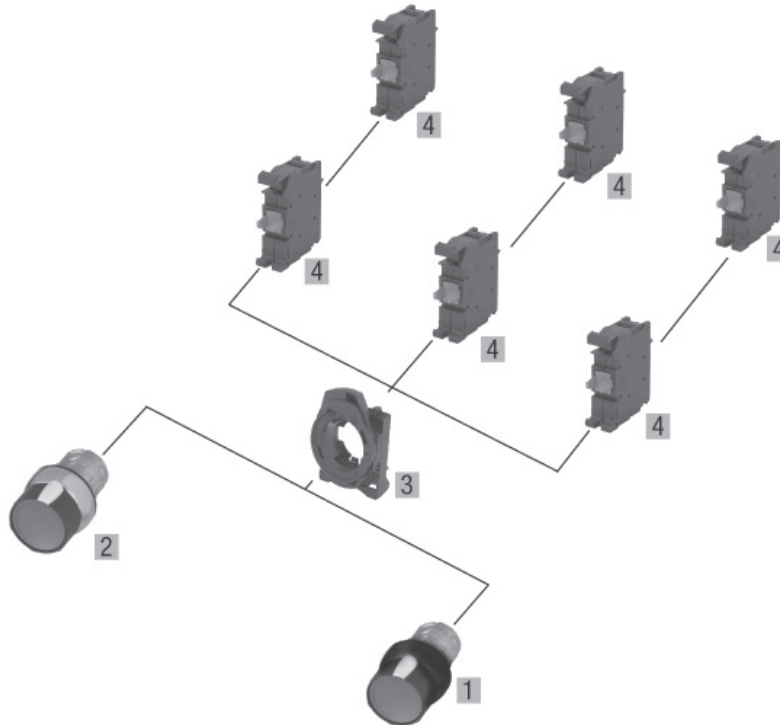
Note: X = Closed, 0 = Open

Target Table and Operator Positions (3 Position)

Contact Type	Position on Mounting Latch						
		Selector Left Free	Selector Left Depressed	Selector Center Free	Selector Center Depressed	Selector Right Free	Selector Right Depressed
N.O.	Left	0	X	0	X	0	0
N.O.	Right	0	0	0	X	0	X
N.O.	Center	0	X	0	X	0	X
N.C.	Left	X	0	X	0	X	X
N.C.	Right	X	X	X	0	X	0
N.C.	Center	X	0	X	0	X	0

- ① Legend plates sold separately. See page H73 for information.
- ② Up to 6 contact blocks (3 across/ 2 high) can be attached.
- ③ See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage contact blocks.



Selector/ Standard Jog Operators (Components)



Component	Catalog Number	Pkg. Qty.
01 Plastic operator, 2-position, with plastic bezel selector/jog ❶		
Black Cap	D7P-SJ22	1
Green Cap	D7P-SJ23	
Plastic operator, 3-position, with plastic selector/jog ❶		
Black Cap	D7P-SJ32	1
Green Cap	D7P-SJ33	
02 Metal operator, 2-position, with shiny metal bezel selector/jog ❶		
Black Cap	D7M-SJ22	1
Green Cap	D7M-SJ23	
Metal operator, 3-position, with shiny metal selector/jog ❶		
Black Cap	D7M-SJ32	1
Green Cap	D7M-SJ33	
03 Tool-less Mounting Latch		
Plastic Latch	D7-ALP	10
Metal Latch	D7-ALM	
04 Contact Blocks ❷		
NO	D7-X10	10
NC	D7-X01	
NO, low voltage	D7-X10V ❸	
NC, low voltage	D7-X01V ❸	

❶ Legend plates sold separately. See page H73 for information.
 ❷ Up to 6 contact blocks (3 across/ 2 high) can be attached.
 ❸ Low voltage contact blocks must be ordered separately.

Indicating Lights (Complete Kits) ①②

	Plastic operator with plastic bezel	Metal operator with metal bezel
Lens Color		
	Diffuser Type	Diffuser Type
	Catalog Number	Catalog Number
Oper. Only	D7P-P☼	D7M-P☼
Incandescent Module (Bulb Included)		
Green	D7P-P3P♣	D7M-P3P♣
Red	D7P-P4P♣	D7M-P4P♣
Yellow	D7P-P5P♣	D7M-P5P♣
Blue	D7P-P6P♣	D7M-P6P♣
Clear	D7P-P7P♣	D7M-P7P♣
Integral LED Module		
Green	D7P-P3P♣	D7M-P3P♣
Red	D7P-P4P♣	D7M-P4P♣
Yellow	D7P-P5P♣	D7M-P5P♣
Blue	D7P-P6P♣	D7M-P6P♣
Clear	D7P-P7P♣	D7M-P7P♣

Complete Kit Ordering Instructions

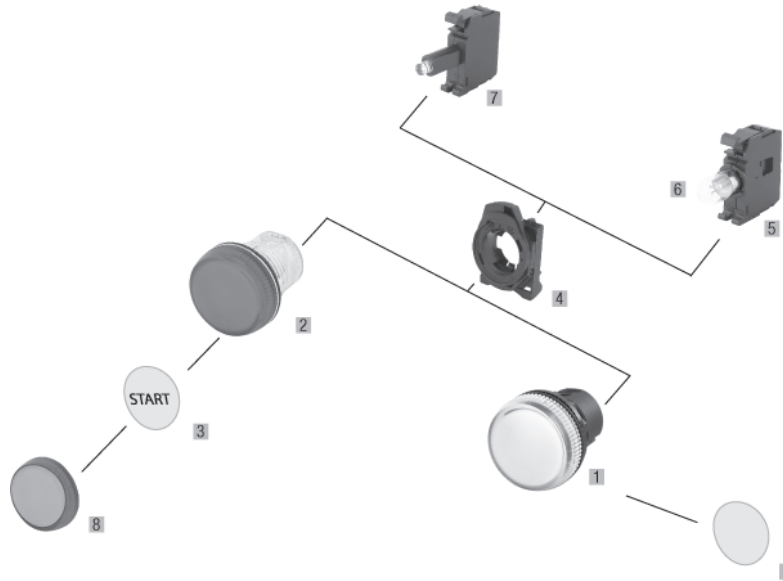
D7P	–	P	★	P	♣
Oper. Construction	Operator Type ③	Lens Color	Mounting Latch	Power Module	
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) D7M - Metal operator with metal bezel (Type 4/13, IP66)	P - Diffuser style lens	0 - Amber 3 - Green 4 - Red 5 - Yellow 6 - Blue 7 - Clear	P - Plastic latch (<i>D7P and D7M offered with plastic latch as standard</i>) M - Metal latch <i>List price changes</i>	Incandescent module D0 - no bulb D1 - 6V, bulb D2 - 12V, bulb D3 - 24V, bulb D4 - 48V, bulb D5 - 120V, bulb Integral LED module N3x, 24V AC/DC N5x, 120V AC N7x, 240V AC	

Custom printed diffusers sold separately, see page H76. Order kits with applicable lens cap color and order the custom printed diffuser separately for field installation.

LED Module Code Selection	
For lens color...	replace "x" with...
Green	G
Red	R
Amber Yellow Blue Clear	W

- ① Legend plates sold separately. See page H73 for information.
- ② Select lens color from "Complete Kit Ordering Instructions" table above.
- ③ One blank inscription diffuser included.

Indicating Lights (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with blank diffuser		
Amber	D7P-P0	1
Green	D7P-P3	
Red	D7P-P4	
Yellow	D7P-P5	
Blue	D7P-P6	
Clear	D7P-P7	
02 Metal operator with blank diffuser		
Amber	D7M-P0	1
Green	D7M-P3	
Red	D7M-P4	
Yellow	D7M-P5	
Blue	D7M-P6	
Clear	D7M-P7	
03 Custom printed Inscription diffuser caps ❸		
AUTO	D7-AD3CE101	1
CLOSE	D7-AD3CE107	
DOWN	D7-AD3CE110	
FAULT	D7-AD3CE113	
FAST	D7-AD3CE114	
FORWARD	D7-AD3CE120	
HAND	D7-AD3CE126	
HIGH	D7-AD3CE129	
LOW	D7-AD3CE148	
OFF	D7-AD3CE163	
ON	D7-AD3CE166	
OPEN	D7-AD3CE170	
REVERSE	D7-AD3CE188	
RUN	D7-AD3CE193	
SLOW	D7-AD3CE201	
START	D7-AD3CE208	
STOP	D7-AD3CE212	
UP	D7-AD3CE223	

Component	Catalog Number	Pkg. Qty.
04 Tool-less Mounting Latch (for snap-on contact blocks and lamp elements)		
Plastic Latch	D7-ALP	10
Metal Latch	D7-ALM	
05 Power Module, Incandescent	D7-D0C	10
06 Lamps, Incandescent		
6V AC/DC	D7-N65	10
12V AC/DC	D7-N141	
24V AC/DC	D7-N157	
48V AC/DC	D7-N48	
130V AC/DC	D7-N130	
07 Power Module, Integral LED ❹❺		
24V AC/DC	D7-N3x	10
120V AC	D7-N5x	
240V AC	D7-N7x	
08 Replacement color lens cap, includes blank diffuser		
Amber	D7-AP0	10
Green	D7-AP3	
Red	D7-AP4	
Yellow	D7-AP5	
Blue	D7-AP6	
Clear	D7-AP7	

- ❶ Legend plates sold separately. See page H73 for information.
- ❷ Screwless power modules available. See page H69 for ordering information.
- ❸ See page H76 for other custom printed ISO and text options.
- ❹ To complete the catalog no., replace the "x" with one of the codes on the previous page.



Combine light and sound with Panel Mount Beacons and Alarms from



Auer Signal

Long life LED lighting for enhanced indication and panel mounted alarms up to 105 dB



Fits seamlessly into control panel along with other control devices.

When A Pilot Light Is Not Enough...

enhance your signaling needs with light and sound.

Beacons

Auer Signal offers an array of panel mount beacons designed for 22 mm diameter mounting holes. These beacons offer incandescent bulbs or long lasting LED bulb options. Multi-faceted polycarbonate lenses offer an enhanced panel indication available in 12 V to 240 V AC/DC. Selections are available in Steady, Flashing Strobe, Multi-Strobe and Dual colors on the same unit. See the complete selection of Auer panel mount beacons starting on page J37.

Alarms

When a simple indicator is not enough, add a panel mount alarm. Auer Signal alarms mount into standard 22 mm diameter panel holes, right next to other pilot devices. In three sizes, and up to 105 dB of sound, signaling critical control issues is incorporated right into the panel door. Easily configured with DIP switches, choose from pulsing wobble or continuous tone options. And the 30 mm ESK model is fully enclosed, which is suitable for use in food industry applications. Auer panel mount alarms can be found on page J38.



M22 Alarms



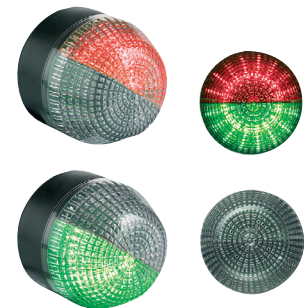
Beacons I at 65, 45 & 30 mm ø

Combine Light + Sound

The Series I beacons with alarm combine both light control and alarm signaling in one unit. Available in two sizes for mounting into a standard 22mm diameter panel hole. Choose the light and tone synchronized or separately controlled. Tones from 98 to 103 dB are easily selected via terminals.





Panel Mount Beacons with integrated alarms




M22 Dual Color beacons

Reset Operators Mechanical and/or Electrical Reset ①②⑤

Color Cap	Legend Text	Plastic operator with plastic bezel Type 4/4X/13, IP66	Metal operator with metal bezel Type 4/13, IP66
			
		Catalog Number	Catalog Number
White	<i>no text</i>	D7P-R1	D7M-R1
Black	<i>no text</i>	D7P-R2	D7M-R2
Blue	<i>no text</i>	D7P-R6	D7M-R6
White	R	D7P-R111	D7M-R111
Black	R	D7P-R211	D7M-R211
Blue	R	D7P-R611	D7M-R611

Reset Rods ③

Rod Length	Rod Length Adjustability				
		Threaded with 10mm Push Head		Threaded with 35mm Push Head	
		Catalog Number	Pkg. Qty.	Catalog Number	Pkg. Qty.
1.57" (40 mm)	1.35-2.05" (34-52 mm)	D7-ATR01	1	D7-ATR01L	1
2.17" (55 mm)	1.95-2.65" (50-67 mm)	D7-ATR02		D7-ATR02L	
3.35" (85 mm)	3.15-3.85" (80-98 mm)	D7-ATR04		D7-ATR04L	
4.53" (115 mm)	4.35-5.05" (110-128 mm)	D7-ATR06		D7-ATR06L	
5.70" (145 mm)	5.55-6.25" (141-159 mm)	D7-ATR08		D7-ATR08L	
12.28" (315 mm)	6.18-12.85" (157-326 mm)	D7-ATR19 ④		D7-ATR19L ④	

- ① Legend plates sold separately. See page H73 for information.
- ② Will accept latch and up to four single circuit contact blocks; no contacts allowed in center position.
- ③ If contact blocks are used, they must have a minimum rod length of 55mm for one level of contact blocks and 85mm for two levels of contact blocks.
- ④ Rod is threaded along its entire length. Fully threaded rod can be provided after cutting.
- ⑤ 11 mm reset stroke length.

Toggle Switch (Operator Only) ②③④

Metal Operator with metal bezel
Type 4/13, IP66



2 Position		4 Position	
Momentary	Maintained	Momentary	Maintained
Catalog Number	Catalog Number	Catalog Number	Catalog Number
D7M-JR2	D7M-JM2	D7M-JR4	D7M-JM4

Important Note:

Cannot use N.C. or N.O.E.M. contact blocks with 4 position toggle switches. Contact blocks and mounting latches sold separately, see pages H69 and H67.

Target Table and Operator Positions (2 Position)

Contact Type	Position on Mounting Latch			
		Toggle Left	Center	Toggle Right
N.O.	Left	0	0	X
N.O.	Right	X	0	0
N.O.	Center	X	0	X
N.C.	Left	X	X	0
N.C.	Right	0	X	X
N.C.	Center	0	X	0

Note: X = Closed / 0 = Open

Target Table and Operator Positions (4 Position) ①

Contact Type	Position on Mounting Latch					
		Toggle Up	Toggle Left	Center	Toggle Right	Toggle Down
N.O.	Left	X	0	0	0	0
N.O.	Right	0	X	0	0	0
N.O.	Center	X	X	0	0	0
N.C.L.B.	Left	0	X	X	X	X
N.C.L.B.	Right	X	0	X	X	X
N.C.L.B.	Center	0	0	X	X	X
N.C.E.B.	Left	0	0	0	0	X
N.C.E.B.	Right	0	0	0	X	0

Note: X = Closed / 0 = Open

- ① Cannot use N.C. or N.O.E.M. contact blocks with 4-position toggle switches. Must use N.O., N.C.E.B. or N.C.L.B. contact bodies.
- ② Contact blocks and mounting latches sold separately, see pages H67 and H69.
- ③ Silicone boot comes standard with toggle switch, see page H72 for replacement boots.
- ④ Use legend plates D7-34... and D7-35... on page H73.

Single Turn Potentiometer Assembly ①②

Plastic operator with plastic bezel
Type 4/4X/13, IP66



Single Turn Potentiometer

Resistive Element	Catalog Number
None (Operator Only)	D7P-POTA
150 Ω	D7P-POT1A
500 Ω	D7P-POT2A
1000 Ω	D7P-POT3A
2500 Ω	D7P-POT4A
5000 Ω	D7P-POT5A
10000 Ω	D7P-POT6A

The D7P-POTA is a complete operator assembly supplied without the resistive element, used with potentiometers having a shaft diameter of 6.0 mm (0.23 in.) and a shaft length of 50.0 mm (1.97 in.), or a shaft diameter of 6.4 mm (0.25 in.) and a shaft length of 22.5 mm (0.88 in.) This operator is used with Type “J” potentiometers only.

Accessories

Component	Description	Catalog Number	Pkg Qty.
	Potentiometer Legend Plate scale 0-9 Note: Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.	D7-30WN	10
	Potentiometer Legend Plate graphical scale Note: Sold in multiples of 10. Order (quantity of) 10 to receive one package of 10 pieces.	D7-30WG	

Component	Description	Resistance	Catalog Number	Pkg. Qty.
	Replacement Resistive Elements for the D7P Potentiometer operator. ①	150 Ω	D7-AC1	1
		500 Ω	D7-AC2	
		1000 Ω	D7-AC3	
		2500 Ω	D7-AC4	
		5000 Ω	D7-AC5	
		10000 Ω	D7-AC6	

- ① Rated 300VAC/DC, 2W max.
- ② A mounting latch is not needed.

