

Standard Pushbuttons, Flush, Non-Illuminated, Momentary (Complete Kits) ①

Contact Block(s) ②③	Plastic operator with plastic bezel ④⑤	Metal operator with metal bezel ④⑤
		
	Catalog Number	Catalog Number
Oper. Only	D7P-F ▼	D7M-F ▼
1NO	D7P-F ▼PX10	D7M-F ▼PX10
1NC	D7P-F ▼PX01	D7M-F ▼PX01
2NO	D7P-F ▼PX20	D7M-F ▼PX20
2NC	D7P-F ▼PX02	D7M-F ▼PX02
1NO/1NC	D7P-F ▼PX11	D7M-F ▼PX11
3NO	D7P-F ▼PX30	D7M-F ▼PX30
3NC	D7P-F ▼PX03	D7M-F ▼PX03
2NO/1NC	D7P-F ▼PX21	D7M-F ▼PX21
1NO/2NC	D7P-F ▼PX12	D7M-F ▼PX12

Complete Kit Ordering Instructions

D7P –	F	★	▼	P	X10
Oper. Construction D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) D7M - Metal operator with metal bezel (Type 4/13, IP66)	Operator Type F - Flush, momentary, non-illuminated See Footnote ④ G - Guarded operator, momentary, non-illuminated 	Color Cap 0 - Orange 1 - White 2 - Black 3 - Green 4 - Red 5 - Yellow 6 - Blue 8 - Gray 9 - No Cap	Inscription ①⑤⑥ <i>Omit this position for a blank color cap</i> Standard Molded Caps 01 - START 02 - STOP 05 - O 06 - I 08 - → ⑦ 09 - FORWARD 10 - REVERSE 11 - R Custom Printed caps sold separately. See note ⑥.	Mounting Latch P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch List price changes	Contacts ②③ X10 - 1NO X01 - 1NC → X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC

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

Standard Molded Inscription Caps ⑤

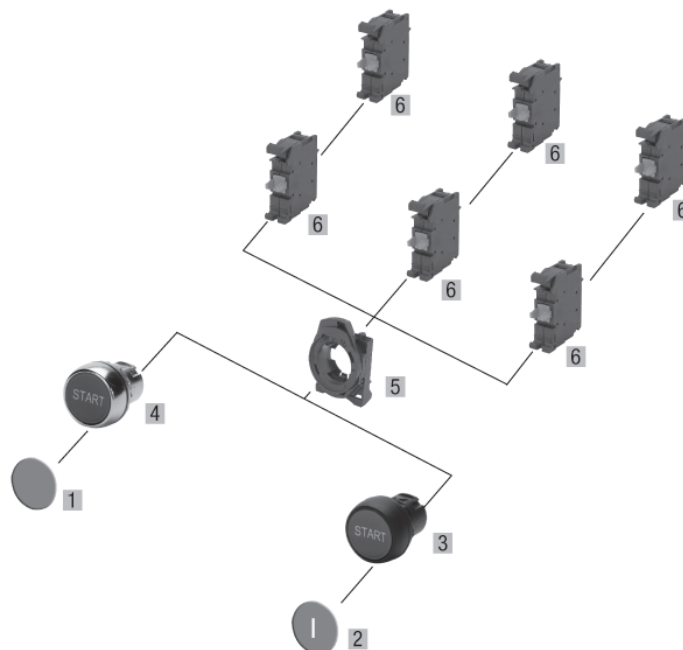
Molded Cap Selection Table ⑦⑧	
Color	Text Flush Caps
White	START, I, →, R, FORWARD, REVERSE
Black	→, R, FORWARD, REVERSE
Green	START, I, →, FORWARD, REVERSE
Red	STOP, O, →, FORWARD, REVERSE
Yellow	→, FORWARD, REVERSE
Blue	→, R, FORWARD, REVERSE

- ① Legend plates provided separately. See page H6:11 for information.
- ② Up to 6 contact blocks (3 across / 2 high) can be attached.
- ③ See page H6:12 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, and contact blocks.
- ④ For guarded operator, substitute "G" for "F" in catalog number. Example: Change D7P-F▼ to D7P-G▼. List price changes.

- ⑤ One blank color cap included. For standard molded inscriptions List price changes.
- ⑥ Custom printed caps sold separately, see page H6:14. Order kits with "No Cap" and order the custom printed caps separately for customer installation.
- ⑦ Rotation every 90° (→, ←, ↓, ↑). All legend caps supplied loose for customer installation.
- ⑧ Valid color cap/legend text codes. White and yellow caps have black text. All other caps have white text.

Standard Pushbuttons, Flush, Non-Illuminated, Momentary (Components) ❶

Component			Catalog Number	Pkg. Qty.
01	Color caps momentary flush/guarded	Orange White Black Green Red Yellow Blue Grey	D7-AF0 D7-AF1 D7-AF2 D7-AF3 D7-AF4 D7-AF5 D7-AF6 D7-AF8	10
02	Inscription color caps momentary ❶❷❸	Green START Green I Green → Red STOP Red O Red → White START White I White → White R Blue → Blue R Black → Black R Black FORWARD White FORWARD White REVERSE Green FORWARD Green REVERSE Red FORWARD Red REVERSE Yellow FORWARD Yellow REVERSE Blue FORWARD Blue REVERSE Black REVERSE Yellow →	D7-AF301 D7-AF306 D7-AF308 D7-AF402 D7-AF405 D7-AF408 D7-AF101 D7-AF106 D7-AF108 D7-AF111 D7-AF608 D7-AF611 D7-AF208 D7-AF211 D7-AF209 D7-AF109 D7-AF110 D7-AF309 D7-AF310 D7-AF409 D7-AF410 D7-AF509 D7-AF510 D7-AF609 D7-AF610 D7-AF210 D7-AF508	10
	Molded			
	Custom printed	Green ON Red OFF Black AUTO Black CLOSE Black DOWN Black FAST Black HAND Black LEFT Black LOWER Black RAISE Black RIGHT Black RUN Black SETUP Black SLOW Black UP	D7-AF3CE166 D7-AF4CE163 D7-AF2CE101 D7-AF2CE107 D7-AF2CE110 D7-AF2CE114 D7-AF2CE126 D7-AF2CE145 D7-AF2CE152 D7-AF2CE182 D7-AF2CE191 D7-AF2CE193 D7-AF2CE198 D7-AF2CE201 D7-AF2CE223	1



Component		Catalog Number	Pkg. Qty.
03	Plastic operator with plastic bezel, momentary flush ❹	D7P-F9	1
04	Metal operator with shiny metal front bezel momentary, flush ❹	D7M-F9	1
05	Tool-less Mounting Latch (for snap-on contact blocks and power modules)		
	Plastic Latch	D7-ALP	10
	Metal Latch	D7-ALM	
06	Contact blocks ❺		
	NO	D7-X10	10
	NC	D7-X01	
	NO, low voltage	D7-X10V ❻	
	NC, low voltage	D7-X01V ❻	

- ❶ Legend plates provided separately. See page H6:11 for information.
❷ See page H6:14 for other custom printed ISO and text options.
❸ Rotation every 90° (→, ←, ↓, ↑)
❹ For guarded operator, substitute "G" for "F" in catalog number. For example change D7P-F9 to D7P-G9. List price changes.
❺ Up to 6 contact blocks (3 across / 2 high) can be attached.
❻ Low voltage contact blocks must be ordered separately.

Standard Pushbuttons, Flush, Non-Illuminated, Maintained (Complete Kits) ❶

Contact Block(s) ❷❸	Plastic operator with plastic bezel ❹	Metal operator with metal bezel ❹
	Catalog Number	Catalog Number
Oper. Only	D7P-FA	D7M-FA
1NOEM	D7P-FA	D7M-FA
1NC	D7P-FA	D7M-FA
2NOEM	D7P-FA	D7M-FA
2NC	D7P-FA	D7M-FA
1NOEM/1NC	D7P-FA	D7M-FA
3NOEM	D7P-FA	D7M-FA
3NC	D7P-FA	D7M-FA
2NOEM/1NC	D7P-FA	D7M-FA
1NOEM/2NC	D7P-FA	D7M-FA

Important Note:
Maintained D7x-FA operators must use NOEM or NC contact blocks only.

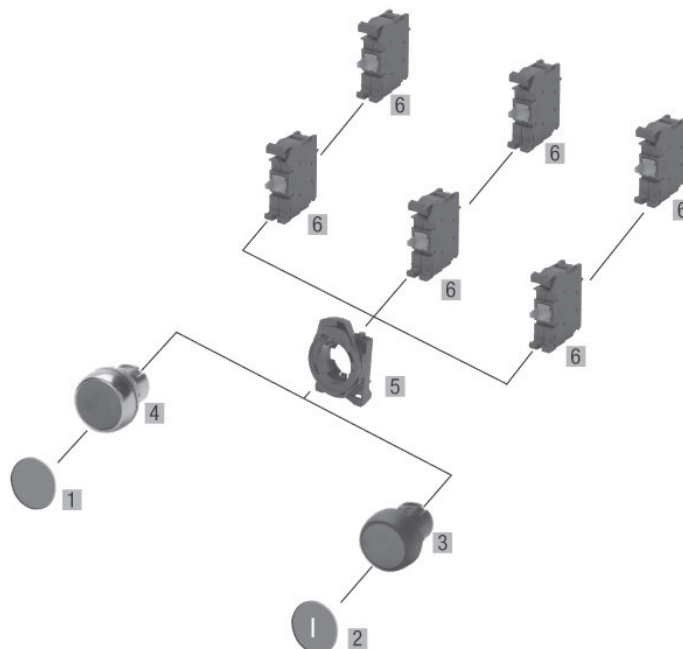
Complete Kit Ordering Instructions

D7P –	FA	★	P	X10E
Oper. Construction	Operator Type	Color Cap	Mounting Latch	Contacts ❷❸
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	FA - maintained, non-illuminated	0 - Orange 1 - White 2 - Black 3 - Green 4 - Red 5 - Yellow 6 - Blue 9 - No Cap	P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch	X10E - 1NOEM X20E - 2NOEM X11E - 1NOEM/1NC X30E - 3NOEM X21E - 2NOEM/1NC X12E - 1NOEM/2NC X01 - 1NC X02 - 2NC X03 - 1NC
D7M - Metal operator with metal bezel (Type 4/13, IP66)		Custom printed caps sold separately. See note ❹	List price changes	

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

- ❶ Legend plates sold separately. See page H6:11 for information.
- ❷ Up to 6 contact blocks (3 across / 2 high) can be attached.
- ❸ See page H6:12 for complete kit ordering information on other special contact blocks.
- ❹ Custom printed caps sold separately, see page H6:14. Order kits with "No Cap" and order the custom printed caps separately for customer installation.

Standard Pushbuttons, Flush, Non-Illuminated, Maintained (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Color caps maintained, flush Orange White Black Green Red Yellow Blue	D7-AFA0 D7-AFA1 D7-AFA2 D7-AFA3 D7-AFA4 D7-AFA5 D7-AFA6	10
02 Custom printed color caps maintained ❶❷❸ Green ON Red OFF Black AUTO Black CLOSE Black DOWN Black FAST Black HAND Black LEFT Black LOWER Black RAISE Black RIGHT Black RUN Black SETUP Black SLOW Black UP	D7-AFA3CE166 D7-AFA4CE163 D7-AFA2CE101 D7-AFA2CE107 D7-AFA2CE110 D7-AFA2CE114 D7-AFA2CE126 D7-AFA2CE145 D7-AFA2CE152 D7-AFA2CE182 D7-AFA2CE191 D7-AFA2CE193 D7-AFA2CE198 D7-AFA2CE201 D7-AFA2CE223	1
03 Plastic operator with plastic bezel, maintained, flush	D7P-FA9	1
04 Metal operator with shiny metal front bezel maintained, flush	D7M-FA9	1
05 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	10

Component	Catalog Number	Pkg. Qty.
06 Contact blocks ❹❺ NC NO, early make NC, low voltage	D7-X01 D7-X10E D7-X01V	10

- ❶ Legend plates sold separately. See page H6:11 for information.
 ❷ See page H6:14 for other custom printed ISO and text options.
 ❸ Rotation every 90° (→, ←, ↓, ↑)
 ❹ Up to 6 contact blocks (3 across / 2 high) can be attached.
 ❺ Maintained D7x-FA operators must use NOEM or NC contact blocks only.

Standard Pushbuttons, Extended, Momentary, Non-Illuminated (Complete Kits) ❶

Contact Block(s) ❷❸	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	Momentary ❹	Momentary ❹
Oper. Only	D7P-E❶▼	D7M-E❶▼
1NO	D7P-E❶▼PX10	D7M-E❶▼PX10
1NC	D7P-E❶▼PX01	D7M-E❶▼PX01
2NO	D7P-E❶▼PX20	D7M-E❶▼PX20
2NC	D7P-E❶▼PX02	D7M-E❶▼PX02
1NO/1NC	D7P-E❶▼PX11	D7M-E❶▼PX11
3NO	D7P-E❶▼PX30	D7M-E❶▼PX30
3NC	D7P-E❶▼PX03	D7M-E❶▼PX03
2NO/1NC	D7P-E❶▼PX21	D7M-E❶▼PX21
1NO/2NC	D7P-E❶▼PX12	D7M-E❶▼PX12

Complete Kit Ordering Instructions

D7P –	E	★	▼	P	X10
Oper. Construction	Operator Type	Color Cap	Inscription ❶❷❸	Mounting Latch	Contacts ❷❸
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	E - Extended, momentary, non-illuminated	0 - Orange 1 - White 2 - Black 3 - Green 4 - Red 5 - Yellow 6 - Blue 9 - No Cap	<i>Omit this position for a blank color cap</i> Standard Molded Caps 02 - STOP 05 - O 08 - → 11 - R <i>Custom printed caps sold separately, see note ❹</i>	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

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

Standard Molded Inscription Caps ❺

Molded Cap Selection Table ❺❻	
Color	Text Extended Caps
White	→, R
Black	STOP, O, →, R
Green	→
Red	STOP, O, →
Yellow	→
Blue	→, R

NEC CODE TIP:

The D7P-E...and D7M-E...meets NFPA-79, 10.2.1 which states pushbutton actuators used to initiate a stop function shall be of the extended operator or mushroom-head type.

❶ Legend plates sold separately. See page H6:11 for information.

❷ Up to 6 contact blocks (3 across / 2 high) can be attached.

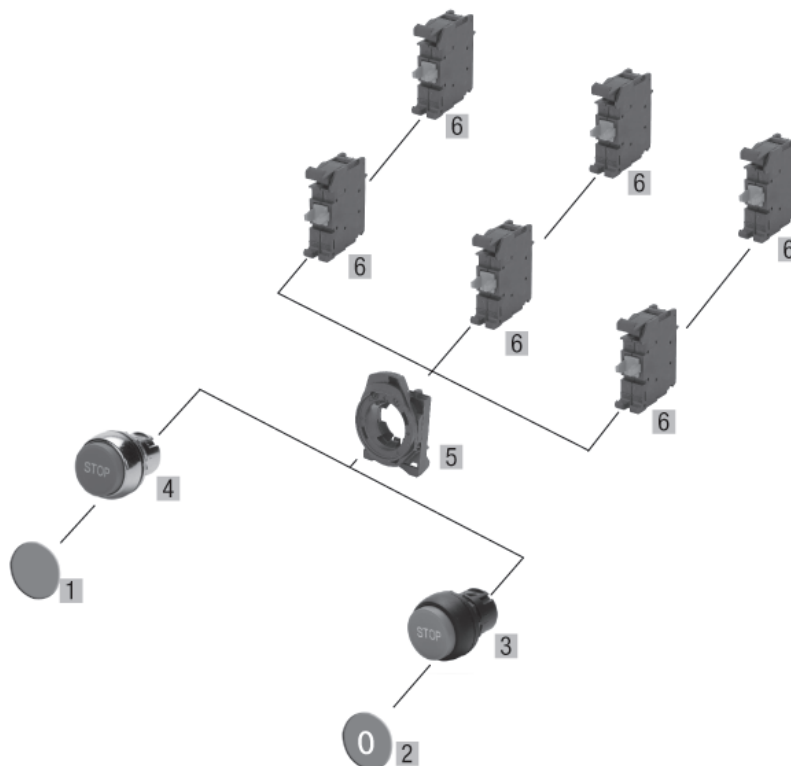
❸ See page H6:12 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage contact blocks.

❹ One blank color cap included. All legend caps supplied loose for customer installation. For standard molded inscription caps, List price changes..

❺ Custom printed caps sold separately, see page H6:14. Order kits with "No Cap" and order the custom printed caps separately for customer installation.

❻ Valid color cap/legend text codes. White and yellow caps have black text. All other caps have white text.

Standard Pushbuttons, Extended, Momentary, Non-Illuminated (Components) ❶



Component		Catalog Number	Pkg. Qty.
01 Color caps	Orange	D7-AE0	10
	White	D7-AE1	
	Black	D7-AE2	
	Green	D7-AE3	
	Red	D7-AE4	
	Yellow	D7-AE5	
02 Inscription color caps ❶❷	Blue	D7-AE6	10
	Green →	D7-AE308	
	Red STOP	D7-AE402	
	Red O	D7-AE405	
	Red →	D7-AE408	
	White →	D7-AE108	
	White R	D7-AE111	
	Blue →	D7-AE608	
	Blue R	D7-AE611	
	Black STOP	D7-AE202	
	Black O	D7-AE205	
	Black →	D7-AE208	
	Black R	D7-AE211	
	Yellow →	D7-AE508	

Component	Catalog Number	Pkg. Qty.
03 Plastic operator with plastic bezel, momentary, extended	D7P-E9	1
04 Metal operator with shiny metal bezel, momentary, extended	D7M-E9	1
05 Tool-less Mounting Latch (for snap-on contact blocks and power module)		
Plastic Latch	D7-ALP	10
Metal Latch	D7-ALM	
06 Contact blocks ❸		10
NO	D7-X10	
NC	D7-X01	
NO, low voltage	D7-X10V ❹	
NC, low voltage	D7-X01V ❹	

❶ Legend plates sold separately. See page H6:11 for information.

❷ See page H6:14 for other custom printed ISO and text options.

❸ Up to 6 contact blocks (3 across / 2 high) can be attached.

❹ Low voltage contact blocks must be ordered separately.

Standard Pushbuttons, Mushroom, Momentary, Non-Illuminated (Complete Kits) ③

Contact Block(s) ①②	Plastic operator with plastic bezel		Metal operator with metal bezel	
				
	40mm Mushroom ③	60mm Mushroom ③	40mm Mushroom ③	60mm Mushroom ③
	Catalog Number	Catalog Number	Catalog Number	Catalog Number
Oper. Only	D7P-MM4 ③	D7P-MM6 ③	D7M-MM4 ③	D7M-MM6 ③
1NO	D7P-MM4 ③PX10	D7P-MM6 ③PX10	D7M-MM4 ③PX10	D7M-MM6 ③PX10
1NC	D7P-MM4 ③PX01	D7P-MM6 ③PX01	D7M-MM4 ③PX01	D7M-MM6 ③PX01
2NO	D7P-MM4 ③PX20	D7P-MM6 ③PX20	D7M-MM4 ③PX20	D7M-MM6 ③PX20
2NC	D7P-MM4 ③PX02	D7P-MM6 ③PX02	D7M-MM4 ③PX02	D7M-MM6 ③PX02
1NO/1NC	D7P-MM4 ③PX11	D7P-MM6 ③PX11	D7M-MM4 ③PX11	D7M-MM6 ③PX11
3NO	D7P-MM4 ③PX30	D7P-MM6 ③PX30	D7M-MM4 ③PX30	D7M-MM6 ③PX30
3NC	D7P-MM4 ③PX03	D7P-MM6 ③PX03	D7M-MM4 ③PX03	D7M-MM6 ③PX03
2NO/1NC	D7P-MM4 ③PX21	D7P-MM6 ③PX21	D7M-MM4 ③PX21	D7M-MM6 ③PX21
1NO/2NC	D7P-MM4 ③PX12	D7P-MM6 ③PX12	D7M-MM4 ③PX12	D7M-MM6 ③PX12

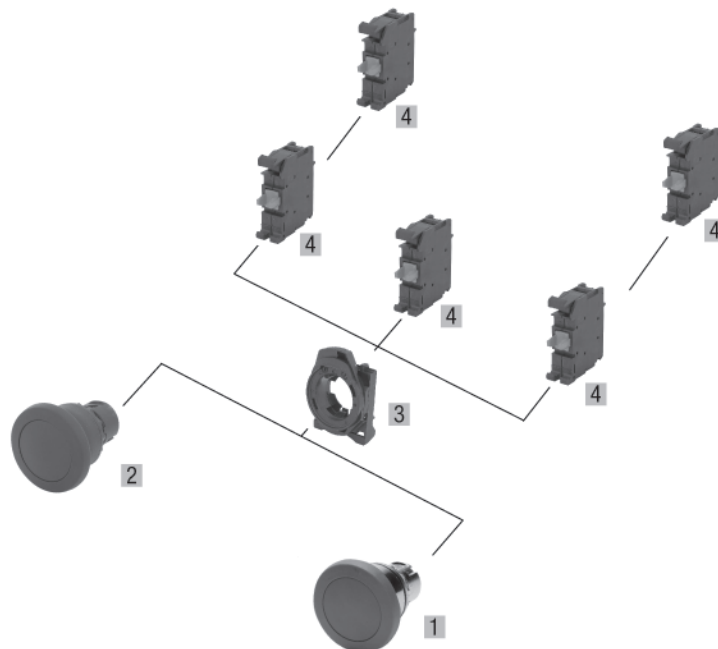
Complete Kit Ordering Instructions

D7P –	MM4	★	P	X10
Oper. Construction	Operator Type	Color Cap ③	Mounting Latch	Contacts ①②
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP65)	MM4 - Mushroom, 40mm, momentary, non-illuminated	2 - Black 3 - Green 4 - Red 5 - Yellow 6 - Blue	P - Plastic latch (D7P and D7M offered with plastic latch as standard)	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 4/13, IP65)	MM6 - Mushroom, 60mm, momentary, non-illuminated		Metal latch M - List price changes	

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

- ① Up to 6 contact blocks (3 across / 2 high) can be attached.
- ② See page H6:12 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, contact blocks.
- ③ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.

Standard Pushbuttons, Mushroom, Momentary, Non-Illuminated (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with plastic bezel, momentary, 40mm mushroom ❶		
Black	D7P-MM42	1
Green	D7P-MM43	
Red	D7P-MM44	
Yellow	D7P-MM45	
Blue	D7P-MM46	
Plastic operator with plastic bezel, momentary, 60mm mushroom ❶		
Black	D7P-MM62	1
Green	D7P-MM63	
Red	D7P-MM64	
Yellow	D7P-MM65	
Blue	D7P-MM66	
02 Metal operator with metal bezel, momentary, 40mm mushroom ❶		
Black	D7M-MM42	1
Green	D7M-MM43	
Red	D7M-MM44	
Yellow	D7M-MM45	
Blue	D7M-MM46	
Metal operator with metal bezel, momentary, 60mm mushroom ❶		
Black	D7M-MM62	1
Green	D7M-MM63	
Red	D7M-MM64	
Yellow	D7M-MM65	
Blue	D7M-MM66	

Component	Catalog Number	Pkg. Qty.
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules)		
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 Not available with inscriptions. Order inscription ring or legend plate for identification.
See pages H6:6 and H6:11 for ordering information.

❷ Up to 6 contact blocks (3 across / 2 high) can be attached.

❸ Low voltage contact blocks must be ordered separately.

Standard Pushbuttons, Flush, Illuminated, Momentary (Complete Kits) ①

Contact Block(s) ③④	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	Momentary ②⑤	Momentary ②⑤
Oper. Only	D7P-LF☛	D7M-LF☛
Incandescent Module (Bulb Included)		
1NO	D7P-LF☛♣X10	D7M-LF☛♣X10
1NC	D7P-LF☛♣X01	D7M-LF☛♣X01
2NO	D7P-LF☛♣X20	D7M-LF☛♣X20
2NC	D7P-LF☛♣X02	D7M-LF☛♣X02
1NO/1NC	D7P-LF☛♣X11	D7M-LF☛♣X11
Integral LED Module		
1NO	D7P-LF☛♣X10	D7M-LF☛♣X10
1NC	D7P-LF☛♣X01	D7M-LF☛♣X01
2NO	D7P-LF☛♣X20	D7M-LF☛♣X20
2NC	D7P-LF☛♣X02	D7M-LF☛♣X02
1NO/1NC	D7P-LF☛♣X11	D7M-LF☛♣X11

Push to test Indicating Light Schematic

PUSH-TO-TEST INDICATING LIGHT CIRCUIT

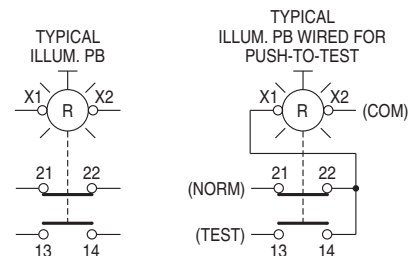


FIGURE 1

See applicable codes and laws

Complete Kit Ordering Instructions

D7P –	LF	★	P	♣	X10
Oper. Construction	Operator Type	Lens Color	Mounting Latch	Power Module	Contacts ③④
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	LF - Flush, momentary, illuminated	0 - Amber 3 - Green 4 - Red 5 - Yellow 6 - Blue 7 - Clear 9 - No lens	P - Plastic latch (D7P and D7M offered with plastic latch as standard)	Incandescent module D0 - no bulb D1 - 6V, bulb D2 - 12V, bulb D3 - 24V, bulb D4 - 48V, bulb D5 - 120V, bulb	X10 - 1NO X01 - 1NC X20 - 2NO X02 - 2NC X11 - 1NO/1NC
D7M - Metal operator with metal bezel (Type 4/13, IP66)	See Footnote ② LG - Guarded operator, momentary, illuminated	Custom printed diffusers sold separately, see Note 5.	M - Metal latch	Integral LED module N3x, 24V AC/DC N5x, 120V AC N7x, 240V AC	
			List price changes		

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

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

① Legend plates sold separately. See page H6.11 for information.

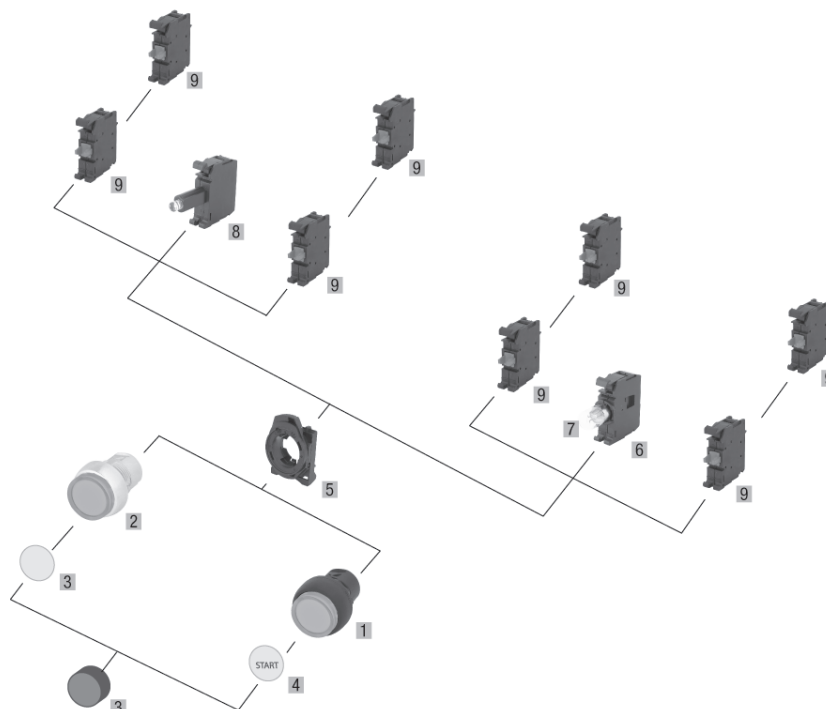
② For guarded operator, substitute "G" for "F" in catalog number. For example change D7P-LF☛ to D7P-LG☛. List price changes.

③ Up to 4 contact blocks can be attached.

④ See page H6.12 for complete kit ordering information on other special contact blocks and power modules.

⑤ One blank inscription diffuser included. For custom printed diffuser, order operator with applicable lens cap color plus custom printed diffuser on page H6.14, sold separately.

Standard Pushbuttons, Flush, Illuminated, Momentary (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Illuminated plastic operator with plastic bezel, momentary, flush ❷	D7P-LF9	1
02 Illuminated metal operator with shiny metal bezel, momentary, flush ❷	D7M-LF9	1
03 Lens Cap (includes diffuser)	Amber Green Red Yellow Blue Clear D7-ALF0 D7-ALF3 D7-ALF4 D7-ALF5 D7-ALF6 D7-ALF7	10
04 Custom printed Inscription diffusers ❶❹	AUTO CLOSE DOWN FAULT FAST FORWARD HAND HIGH LOW OFF ON OPEN REVERSE RUN SLOW START STOP UP D7-AD2CE101 D7-AD2CE107 D7-AD2CE110 D7-AD2CE113 D7-AD2CE114 D7-AD2CE120 D7-AD2CE126 D7-AD2CE129 D7-AD2CE148 D7-AD2CE163 D7-AD2CE166 D7-AD2CE170 D7-AD2CE188 D7-AD2CE193 D7-AD2CE201 D7-AD2CE208 D7-AD2CE212 D7-AD2CE223	1

Component	Catalog Number	Pkg. Qty.
05 Tool-less Mounting Latch (for snap-on contact blocks and power modules)	Plastic Latch Metal Latch D7-ALP D7-ALM	10
06 Power Module, Incandescent	D7-D0C	10
07 Lamps, Incandescent	6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 130V AC/DC D7-N65 D7-N141 D7-N157 D7-N48 D7-N130	10
08 Power Module, Integral LED ❺	24V AC/DC 120V AC 240V AC D7-N3x D7-N5x D7-N7x	10
09 Contact blocks ❸	NO NC D7-X10 D7-X01 NO, low voltage NC, low voltage D7-X10V ❷ D7-X01V ❷	10

❶ Legend plates sold separately. See page H6:11 for order information.

❷ For guarded operator, substitute "G" for "F" in catalog number. For example change D7P-LF9 to D7P-LG9. List price changes.

❸ Up to 4 contact blocks can be attached.

❺ See page H6:14 for other custom printed ISO and text options.

❻ To complete the catalog no., replace the "x" with one of the codes on the

❼ Low voltage contact blocks must be ordered separately. previous page.

Standard Pushbuttons, Flush, Illuminated, Maintained (Complete Kits) ①⑤

Contact Block(s) ②③	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	Maintained ④	Maintained ④
	Catalog Number	Catalog Number
Oper. Only	D7P-LFA	D7M-LFA
Integral LED Module		
1NOEM	D7P-LFA-P-X10E	D7M-LFA-P-X10E
1NC	D7P-LFA-P-X01	D7M-LFA-P-X01
2NOEM	D7P-LFA-P-X20E	D7M-LFA-P-X20E
2NC	D7P-LFA-P-X02	D7M-LFA-P-X02
1NOEM/1NC	D7P-LFA-P-X11E	D7M-LFA-P-X11E

Important Note for maintained operators:

- D7x-LFA operator must be used with NOEM or NC contacts only.
- LED module required for illumination, cannot use incandescent module.

H1

D7 Pilot Devices

Complete Kit Ordering Instructions

D7P –	LFA	★	P	♣	X10E
Oper. Construction	Operator Type	Lens Color	Mounting Latch	Power Module	Contacts ②③
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	LFA - Flush, maintained, illuminated	O - Amber 3 - Green 4 - Red 5 - Yellow 6 - Blue 7 - Clear 9 - No lens	P - Plastic latch (D7P and D7M offered with plastic latch as standard)	Integral LED module N3x, 24V AC/DC N5x, 120V AC N7x, 240V AC	X10E - 1NOEM X20E - 2NOEM X11E - 1NOEM/1NC X01 - 1NC X02 - 2NC
D7M - Metal operator with metal bezel (Type 4/13, IP66)		Custom printed diffusers sold separately, see Note ④	M - Metal latch		
			List price changes		

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

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

① Legend plates sold separately. See page H6:11 for information.

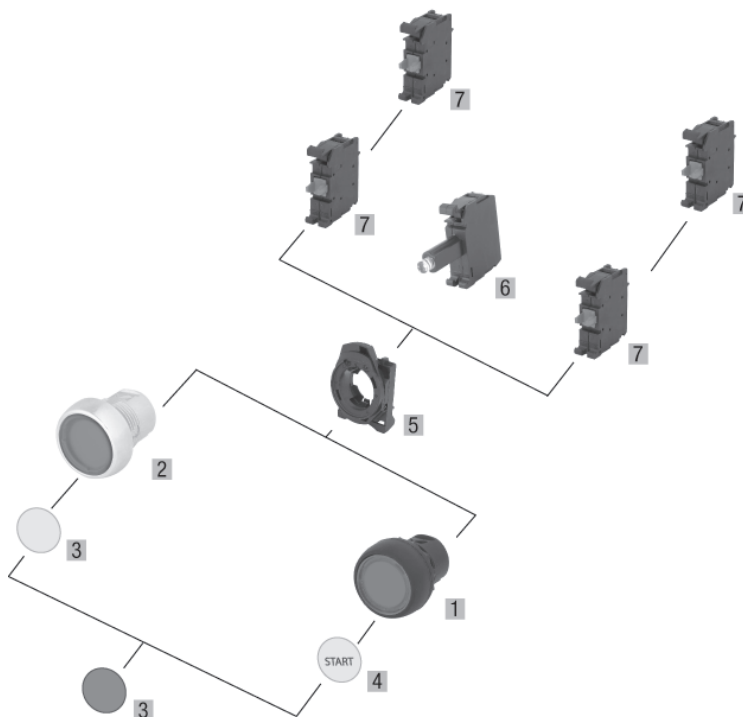
② Up to 4 contact blocks can be attached.

③ See page H6:12 for complete kit ordering information on other special contact blocks and power modules

④ One blank inscription diffuser included. For custom printed diffuser, order operator with applicable lens cap color plus custom printed diffuser on page H6:14, sold separately.

⑤ D7x-LFA operator must be used with NOEM or NC contacts only. LED module required for illumination, cannot use incandescent module.

Standard Pushbuttons, Flush, Illuminated, Maintained (Components) ❶



Component		Catalog Number	Pkg. Qty.
01	Illuminated plastic operator with plastic bezel, maintained, flush ❷❸	D7P-LFA9	1
02	Illuminated metal operator with shiny metal bezel, maintained, flush ❷❸	D7M-LFA9	1
03	Lens Cap (includes diffuser)	D7-ALF0 D7-ALF3 D7-ALF4 D7-ALF5 D7-ALF6 D7-ALF7	10
04	Custom printed Inscription diffusers ❶❸	AUTO CLOSE DOWN FAULT FAST FORWARD HAND HIGH LOW OFF ON OPEN REVERSE RUN SLOW START STOP UP D7-AD2CE101 D7-AD2CE107 D7-AD2CE110 D7-AD2CE113 D7-AD2CE114 D7-AD2CE120 D7-AD2CE126 D7-AD2CE129 D7-AD2CE148 D7-AD2CE163 D7-AD2CE166 D7-AD2CE170 D7-AD2CE188 D7-AD2CE193 D7-AD2CE201 D7-AD2CE208 D7-AD2CE212 D7-AD2CE223	1

Component		Catalog Number	Pkg. Qty.
05	Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	10
06	Power Module, Integral LED ❹❺ 24V AC/DC 120V AC 240V AC	D7-N3x D7-N5x D7-N7x	10
07	Contact blocks ❷❸ NC NO, early make NC, low voltage	D7-X01 D7-X10E D7-X01V	10

❶ Legend plates sold separately. See page H6:11 for information.

❷ Up to 4 contact blocks can be attached.

❸ See page H6:14 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.

❺ D7x-LFA operator must be used with NOEM or NC contacts only. LED module required for illumination, cannot use incandescent module.

Standard Pushbuttons, Extended, Illuminated (Complete Kits) ①

Contact Block(s) ②③	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	Momentary ④	Momentary ④
	Catalog Number	Catalog Number
Oper. Only	D7P-LE	D7M-LE
Incandescent Module (Bulb Included)		
1NO	D7P-LEPAX10	D7M-LEPAX10
1NC	D7P-LEPAX01	D7M-LEPAX01
2NO	D7P-LEPAX20	D7M-LEPAX20
2NC	D7P-LEPAX02	D7M-LEPAX02
1NO/1NC	D7P-LEPAX11	D7M-LEPAX11
Integral LED Module		
1NO	D7P-LEPAX10	D7M-LEPAX10
1NC	D7P-LEPAX01	D7M-LEPAX01
2NO	D7P-LEPAX20	D7M-LEPAX20
2NC	D7P-LEPAX02	D7M-LEPAX02
1NO/1NC	D7P-LEPAX11	D7M-LEPAX11

Push to test Indicating Light Schematic

PUSH-TO-TEST INDICATING LIGHT CIRCUIT

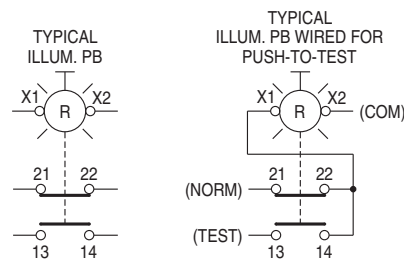


FIGURE 1

See applicable codes and laws

Complete Kit Ordering Instructions

D7P –	LE	★	P	♣	X10
Oper. Construction	Operator Type	Lens Color	Mounting Latch	Power Module	Contacts ②③
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	LE - Extended, momentary, illuminated	0 - Amber 3 - Green 4 - Red 5 - Yellow 6 - Blue 7 - Clear 9 - No Lens	P - Plastic latch (D7P and D7M offered with plastic latch as standard) 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	X10 - 1NO X01 - 1NC X20 - 2NO X02 - 2NC X11 - 1NO/1NC

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

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

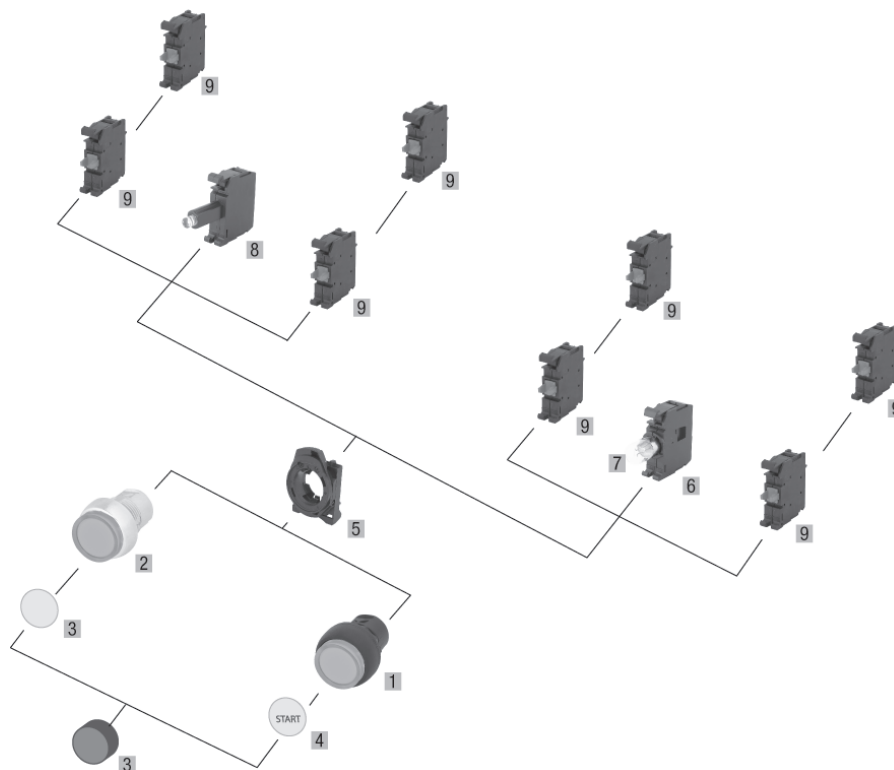
① Legend plates sold separately. See page H6:11 for information.

② Up to 4 contact blocks can be attached.

③ See page H6:12 for complete kit ordering information on other special contact blocks and power modules.

④ One blank inscription diffuser included. For custom printed diffuser, order operator with applicable lens cap color plus custom printed diffuser on page H6:14, sold separately.

Standard Pushbuttons, Extended, Illuminated (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Illuminated plastic operator with plastic bezel, momentary, flush	D7P-LE9	1
02 Illuminated metal operator with shiny metal bezel, momentary, flush	D7M-LE9	1
03 Lens Cap (includes blank diffuser)	D7-ALE0 D7-ALE3 D7-ALE4 D7-ALE5 D7-ALE6 D7-ALE7	10
04 Custom printed Inscription diffusers ❶❸	D7-AD4CE101 D7-AD4CE107 D7-AD4CE110 D7-AD4CE113 D7-AD4CE114 D7-AD4CE120 D7-AD4CE126 D7-AD4CE129 D7-AD4CE148 D7-AD4CE163 D7-AD4CE166 D7-AD4CE170 D7-AD4CE188 D7-AD4CE193 D7-AD4CE201 D7-AD4CE208 D7-AD4CE212 D7-AD4CE223	1

Component	Catalog Number	Pkg. Qty.
05 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	10
06 Power Module, Incandescent	D7-D0C	10
07 Lamps, Incandescent 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 130V AC/DC	D7-N65 D7-N141 D7-N157 D7-N48 D7-N130	10
08 Power Module, Integral LED ❹	D7-N3x D7-N5x D7-N7x	10
09 Contact blocks ❷ NO NC NO, low voltage NC, low voltage	D7-X10 D7-X01 D7-X10V ❺ D7-X01V ❺	10

❶ Legend plates sold separately. See page H6:11 for information.

❷ Up to 4 contact blocks can be attached.

❸ See page H6:14 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.

❺ Low voltage contact blocks must be ordered separately.

Standard Pushbuttons, Mushroom, Momentary, Illuminated (Complete Kits) ③

Contact Block(s) ①②	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	40mm Mushroom ③	40mm Mushroom ③
	Catalog Number	Catalog Number
Oper. Only	D7P-LMM4⚡	D7M-LMM4⚡
Incandescent Module (Bulb Included)		
1NO	D7P-LMM4⚡P♣X10	D7M-LMM4⚡P♣X10
1NC	D7P-LMM4⚡P♣X01	D7M-LMM4⚡P♣X01
2NO	D7P-LMM4⚡P♣X20	D7M-LMM4⚡P♣X20
2NC	D7P-LMM4⚡P♣X02	D7M-LMM4⚡P♣X02
1NO/1NC	D7P-LMM4⚡P♣X11	D7M-LMM4⚡P♣X11
Integral LED Module		
1NO	D7P-LMM4⚡P♣X10	D7M-LMM4⚡P♣X10
1NC	D7P-LMM4⚡P♣X01	D7M-LMM4⚡P♣X01
2NO	D7P-LMM4⚡P♣X20	D7M-LMM4⚡P♣X20
2NC	D7P-LMM4⚡P♣X02	D7M-LMM4⚡P♣X02
1NO/1NC	D7P-LMM4⚡P♣X11	D7M-LMM4⚡P♣X11

Complete Kit Ordering Instructions

D7P –	LMM4	★	P	♣	X10
Oper. Construction	Operator Type	Lens Color	Mounting Latch	Power Module	Contacts ①②
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP65)	LMM4 - Mushroom, 40mm, momentary, illuminated	3 - Green 4 - Red 5 - Yellow 6 - Blue 7 - Clear	P - Plastic latch (D7P and D7M offered with plastic latch as standard) 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	X10 - 1NO X01 - 1NC → X20 - 2NO X02 - 2NC X11 - 1NO/1NC

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

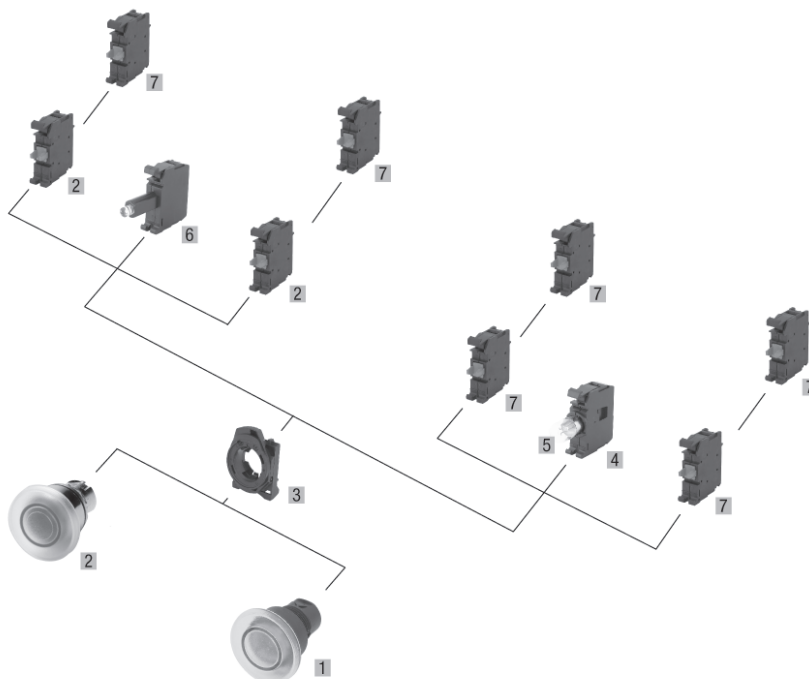
→ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

① Up to 4 contact blocks can be attached.

② See page H6:12 for complete kit ordering information on other special contact blocks and power modules.

③ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.

Standard Pushbuttons, Mushroom, Momentary, Illuminated (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with plastic bezel, momentary, 40mm mushroom, illuminated ❶ Green Red Yellow Blue Clear	D7P-LMM43 D7P-LMM44 D7P-LMM45 D7P-LMM46 D7P-LMM47	1
02 Metal operator with metal bezel, momentary, 40mm mushroom, illuminated ❶ Green Red Yellow Blue Clear	D7M-LMM43 D7M-LMM44 D7M-LMM45 D7M-LMM46 D7M-LMM47	1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	10
04 Power Module, Incandescent	D7-DOC	10
05 Lamps, Incandescent 6V AC/DC 12V AC/DC 24V AC/DC 48V AC/DC 130V AC/DC	D7-N65 D7-N141 D7-N157 D7-N48 D7-N130	10

Component	Catalog Number	Pkg. Qty.
06 Power Module, Integral LED ❸ 24V AC/DC 120V AC 240V AC	D7-N3x D7-N5x D7-N7x	10
07 Contact blocks ❷ NO NC NO, low voltage NC, low voltage	D7-X10 D7-X01 D7-X10V ❹ D7-X01V ❹	10

❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.

❷ Up to 4 contact blocks can be attached.

❸ To complete the catalog no., replace the "x" with one of the codes on the previous page.

❹ Low voltage contact blocks must be ordered separately.

Two Position Operators, Push-pull (Trigger Action), Non-illuminated (Complete Kit) ③④⑤⑥

Contact Block(s) ①②	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	40mm Color Cap ③	40mm Color Cap ③
	Catalog Number	Catalog Number
Oper. Only	D7P-MP4④	D7M-MP4④
1NO	D7P-MP4④PX10	D7M-MP4④PX10
1NC	D7P-MP4④PX01	D7M-MP4④PX01
GCB	D7P-MP4④PX01S	D7M-MP4④PX01S
2NO	D7P-MP4④PX20	D7M-MP4④PX20
2NC	D7P-MP4④PX02	D7M-MP4④PX02
1NO/1NC	D7P-MP4④PX11	D7M-MP4④PX11
3NO	D7P-MP4④PX30	D7M-MP4④PX30
3NC	D7P-MP4④PX03	D7M-MP4④PX03
2NO/1NC	D7P-MP4④PX21	D7M-MP4④PX21
1NO/2NC	D7P-MP4④PX12	D7M-MP4④PX12

H1

D7 Pilot Devices

Complete Kit Ordering Instructions

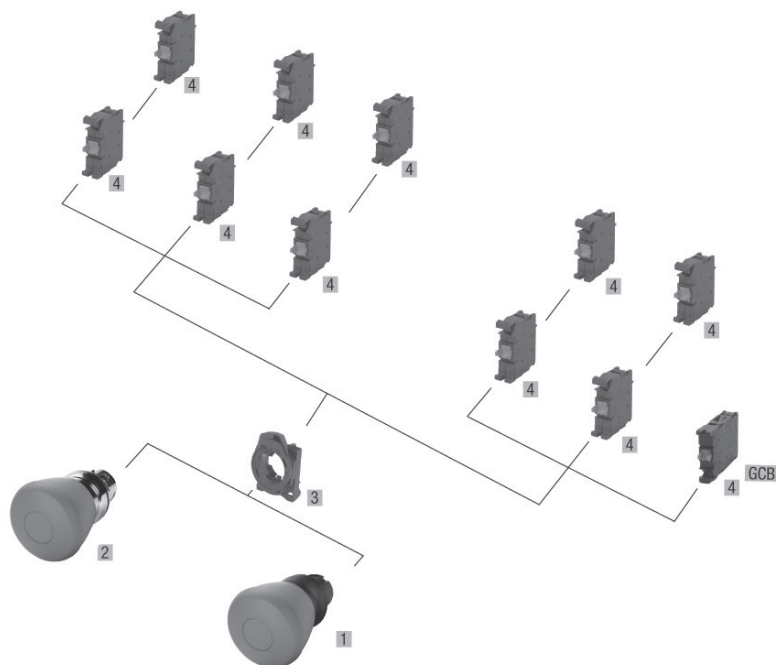
D7P –	MP4	★	P	X10
Oper. Construction	Operator Type	Color Cap ③	Mounting Latch	Contacts ①②
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	MP4 - 2-position, 40mm mushroom, push-pull, non-illuminated	2 - Black 3 - Green 4 - Red 5 - Yellow 6 - Blue	P - Plastic latch (D7P and D7M offered with plastic latch as standard)	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 4/13, IP66)			Metal latch M - <i>List price changes</i>	

Colors in Gray are **SPECIAL ORDER**

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

- ① Up to 6 contact blocks (3 across / 2 high) can be attached.
- ② See page H6:7 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, contact blocks.
- ③ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.
- ④ Operators are EN ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- ⑤ For EMO Guards, see page H6:10.
- ⑥ Operators, latch, and contact block combinations have been third-party tested for B10d values. B10d values can be found in approval document EL660_01_10 online at www.sprecherschuh.com.

Two Position Operators, Push-pull (Trigger Action), Non-illuminated (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with plastic bezel, 2-position, 40mm, push-pull ❶ Black Green Red Yellow Blue	D7P-MP42 D7P-MP43 D7P-MP44 D7P-MP45 D7P-MP46	1
02 Metal operator with metal bezel, 2-position, 40mm, push-pull ❶ Black Green Red Yellow Blue	D7M-MP42 D7M-MP43 D7M-MP44 D7M-MP45 D7M-MP46	1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	10
04 Contact blocks ❷ NO NC GCB, Guardian Block	D7-X10 D7-X01 ➞ D7-X01S ➞	10

Colors in Gray are **SPECIAL ORDER**

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

- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6.6 and H6.11 for information.
❷ Up to 6 contact blocks (3 across / 2 high) can be attached.

H1

D7 Pilot Devices

Two Position Operators, Push-Pull, Illuminated (Complete Kits) ③④⑥⑧

Contact Block(s) ①②	Plastic operator with plastic bezel			Metal operator with metal bezel		
						
	30mm Mushroom ③	40mm Mushroom ③	60mm Mushroom ③	30mm Mushroom ③	40mm Mushroom ③	60mm Mushroom ③
	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
Oper. Only	D7P-LMP3	D7P-LMP4	D7P-LMP6	D7M-LMP3	D7M-LMP4	D7M-LMP6
Integral LED Module						
1NO	D7P-LMP3PAX10	D7P-LMP4PAX10	D7P-LMP6PAX10	D7M-LMP3PAX10	D7M-LMP4PAX10	D7M-LMP6PAX10
1NC	D7P-LMP3PAX01	D7P-LMP4PAX01	D7P-LMP6PAX01	D7M-LMP3PAX01	D7M-LMP4PAX01	D7M-LMP6PAX01
GCB	D7P-LMP3PAX01S	D7P-LMP4PAX01S	D7P-LMP6PAX01S	D7M-LMP3PAX01S	D7M-LMP4PAX01S	D7M-LMP6PAX01S
2NO	D7P-LMP3PAX20	D7P-LMP4PAX20	D7P-LMP6PAX20	D7M-LMP3PAX20	D7M-LMP4PAX20	D7M-LMP6PAX20
2NC	D7P-LMP3PAX02	D7P-LMP4PAX02	D7P-LMP6PAX02	D7M-LMP3PAX02	D7M-LMP4PAX02	D7M-LMP6PAX02
1NO/1NC	D7P-LMP3PAX11	D7P-LMP4PAX11	D7P-LMP6PAX11	D7M-LMP3PAX11	D7M-LMP4PAX11	D7M-LMP6PAX11

H1

Complete Kit Ordering Instructions

D7P –	LMP3	★	P	♣	X10
Oper. Construction	Operator Type	Lens Color	Mounting Latch	Power Module ④	Contacts ①②
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	LMP3 - 2-position, 30mm mushroom, push-pull, illuminated	3 - Green 4 - Red 5 - Yellow ⑤ 6 - Blue ⑤⑦	P - Plastic latch (D7P and D7M offered with plastic latch as standard)	Integral LED module N3x, 24V AC/DC N5x, 120V AC N7x, 240V AC	X10 - 1NO X01 - 1NC X20 - 2NO X02 - 2NC X11 - 1NO/1NC
D7M - Metal operator with metal bezel (Type 4/13, IP66)	LMP4 - 2-position, 40mm mushroom, push-pull, illuminated LMP6 - 2-position, 60mm mushroom, push-pull, illuminated		M - Metal latch List price changes	See Footnote ⑤ to complete catalog number to choose desired color.	

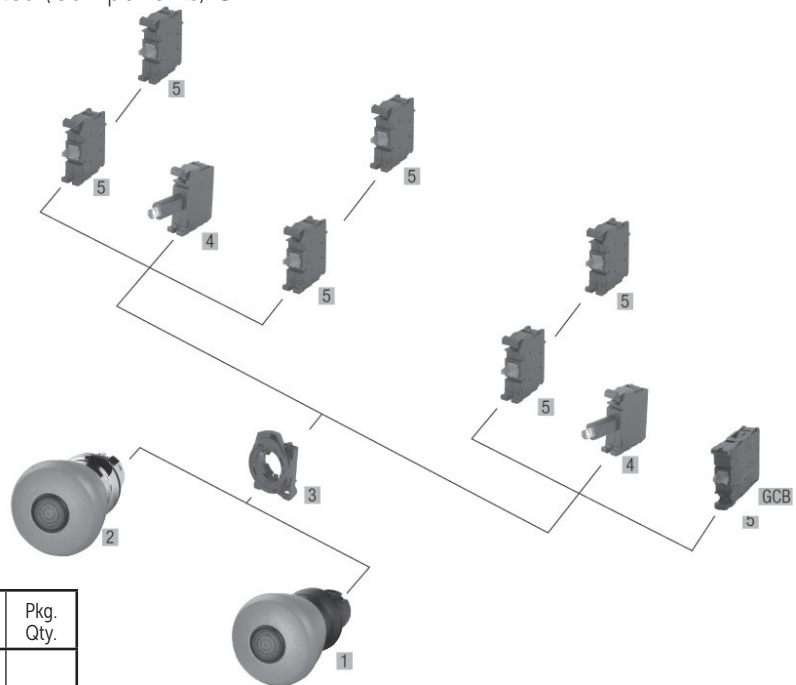
➞ Positive Opening per EN60947-5-1 (applies to all NC contact block styles)

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

- ① Up to 4 contact blocks can be attached.
- ② See page H6:7 for complete kit ordering information on other special contact blocks and power modules.
- ③ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.
- ④ Integral LED module required for illumination, cannot use incandescent module.
- ⑤ To complete the catalog no., replace the x with one of the following letters for desired color: R = Red, G = Green, W = White for Yellow and Blue lens color.

- ⑥ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- ⑦ Only available on 40mm operators.
- ⑧ Operators, latch, and contact block combinations have been third-party tested for B10d values. B10d values can be found in approval document EL660_01_10 online at www.sprecherschuh.com.

Two Position Operators, Push-Pull, Illuminated (Components) ❶



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with plastic bezel, 2-position, 30mm push-pull, illuminated ❶❸	D7P-LMP33 D7P-LMP34 D7P-LMP35	1
Green Red Yellow		
Plastic operator with plastic bezel, 2-position, 40mm push-pull, illuminated ❶❸	D7P-LMP43 D7P-LMP44 D7P-LMP45 D7P-LMP46	1
Green Red Yellow Blue		
Plastic operator with plastic bezel, 2-position, 60mm push-pull, illuminated ❶❸	D7P-LMP63 D7P-LMP64 D7P-LMP65	1
Green Red Yellow		
02 Metal operator with metal bezel, 2-position, 30mm push-pull, illuminated ❶❸	D7M-LMP33 D7M-LMP34 D7M-LMP35	1
Green Red Yellow		
Metal operator with metal bezel, 2-position, 40mm push-pull, illuminated ❶❸	D7M-LMP43 D7M-LMP44 D7M-LMP45 D7M-LMP46	1
Green Red Yellow Blue		
Metal operator with metal bezel, 2-position, 60mm push-pull, illuminated ❶❸	D7M-LMP63 D7M-LMP64 D7M-LMP65	1
Green Red Yellow		

Component	Catalog Number	Pkg. Qty.
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules)	D7-ALP D7-ALM	10
Plastic Latch Metal Latch		
04 Power Module, Integral LED ❹	D7-N3x D7-N5x D7-N7x	10
24V AC/DC 120V AC 240V AC		
05 Contact blocks ❷	D7-X10 D7-X01 ➞ D7-X10V ❺ D7-X01V ➞ ❺ GCB, Guardian Block D7-X01S ➞	10
NO NC NO, low voltage NC, low voltage		

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

- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.
- ❷ Up to 4 contact blocks can be attached.
- ❸ Integral LED module required for illumination cannot use incandescent module.
- ❹ To complete the catalog no., replace the x with one of the following letters for desired color: R = Red, G = Green, W = White for Yellow and Blue lens color.
- ❺ Low voltage contact blocks must be ordered separately.

Three Position, Push-Pull, Non-Illuminated (Operator Only) ❶❷❸

Metal operator with metal bezel	Metal operator with metal bezel
	
40mm Mushroom, Momentary	40mm Mushroom, Maintained
Catalog Number	Catalog Number
D7M-MM4E3	D7M-MP4E3

Important Note:

Cannot use N.C. or N.O.E.M. contact blocks with 3 position push-pull operators. Contact blocks and mounting latches sold separately, see next page.

Ordering Instructions (Operator Only)

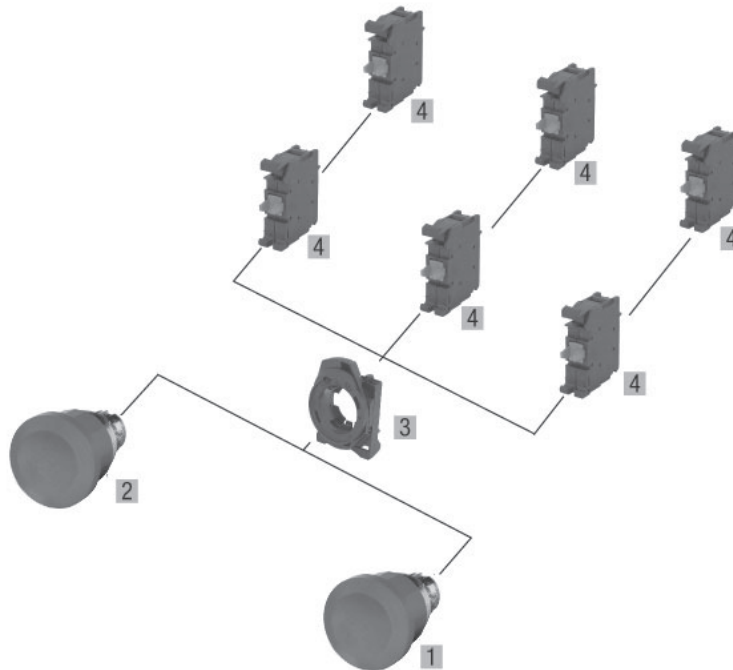
D7M –	MM	4	★	E3
Operator Construction D7M - Metal operator with metal bezel (Type 4/13, IP66)	Operator Type MM - 3 position, 40 mm mushroom, push-pull Non-illuminated momentary out, maintained center, momentary in MP - 3 position, 40 mm Mushroom, push-pull Non-illuminated momentary out, maintained center, maintained in	Cap Size 4 - 40mm Plastic	Cap Color 2 - Black 3 - Green 4 - Red	Positions E3 - 3 Position

Target Table and Operator Positions

			
Contact Type	Out	Center	In
N.O.	O	O	X
N.C.E.B.	X	O	O
N.C.L.B.	X	X	O

Note: X = Closed/ O = Open

- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.
- ❷ Up to 6 contact blocks (3 across / 2 high) can be attached.
- ❸ Cannot use N.C. or NOEM contact blocks with 3 position push-pull operators. Contact blocks and mounting latches sold separately, see next page.

Three Position, Push-Pull, Non-Illuminated (Components)


Component	Catalog Number	Pkg. Qty.
01 Metal operator with shiny metal bezel momentary, 40mm Mushroom, non-illuminated momentary out, maintained center, momentary in ❶ Black Green Red	D7M-MM42E3 D7M-MM43E3 D7M-MM44E3	1
02 Metal operator with shiny metal bezel momentary, 40mm Mushroom, non-illuminated momentary out, maintained center, maintained in ❶ Black Green Red	D7M-MP42E3 D7M-MP43E3 D7M-MP44E3	1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	10
04 Contact Blocks ❷❸ NO NCLB NCEB	D7-X10 D7-X01L D7-X01B	10

- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification.
See pages H6:6 and H6:11 for information.
- ❷ Up to 6 contact blocks (3 across / 2 high) can be attached.
- ❸ Cannot use N.C. or NOEM contact blocks with 3 position push-pull operators

Three Position, Push-Pull, Illuminated (Operator Only) ①②④

		Important Note: • Cannot use N.C. or N.O.E.M. contact blocks with 3-position push-pull operators. • Integral LED module required for illumination, cannot use incandescent module. • Contact blocks, mounting latches and light modules sold separately, see next page to order.
40mm Mushroom, Momentary	40mm Mushroom, Maintained	
Catalog Number	Catalog Number	
D7M-LMM4E3	D7M-LMP4E3	

Ordering Instructions (Operator Only)

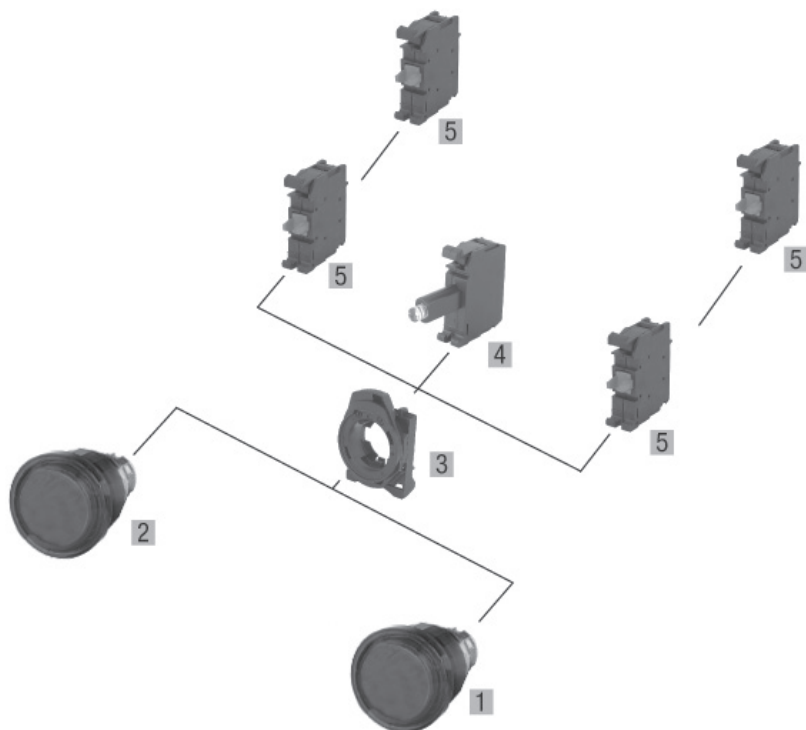
D7M –	LMM	4	★	E3
<u>Operator</u>	<u>Operator Type</u>	<u>Cap Size</u>	<u>Cap/Lens Color</u>	<u>Positions</u>
D7M - Metal operator with metal bezel (Type 4/13, IP66)	LMM - 3 position, 40mm mushroom, push-pull illuminated momentary out, maintained center, momentary in LMP - 3 position, 40mm mushroom, push-pull illuminated momentary out, maintained center, maintained in	4 - 40mm Plastic	0- Amber 3 - Green 4 - Red 6 - Blue 7 - Clear	E3 - 3 Position

Target Table and Operator Positions ③④			
			
Contact Type	Out	Center	In
N.O.	O	O	X
N.C.E.B	X	O	O
N.C.L.B.	X	X	O

Note: X = Closed/ O = Open

- ① Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.
 ② Integral LED module required for illumination, cannot use incandescent module.
 ③ Up to 4 contact blocks can be attached.
 ④ Cannot use N.C. or NOEM contact blocks with 3-position push-pull operators. Must use N.O., N.C.E.B., or N.C.L.B. contact blocks.

Three Position, Push-Pull, Illuminated (Components)



Component	Catalog Number	Price Ea.	Pkg. Qty.
01 Metal operator with metal bezel momentary, 40mm Mushroom, illuminated momentary out, maintained center, momentary in ❶ Amber Green Red Blue Clear	D7M-LMM40E3 D7M-LMM43E3 D7M-LMM44E3 D7M-LMM46E3 D7M-LMM47E3	94.64	1
02 Metal operator with metal bezel momentary, 40mm Mushroom, illuminated momentary out, maintained center, maintained in ❶ Amber Green Red Blue Clear	D7M-LMP40E3 D7M-LMP43E3 D7M-LMP44E3 D7M-LMP46E3 D7M-LMP47E3	94.64	1
03 Tool-less Mounting Latch Plastic Latch Metal Latch	D7-ALP D7-ALM	6.03 7.75	10
04 Power Module, Integral LED module ❷ 24V AC/DC 120V AC 240V AC	D7-N3x D7-N5x D7-N7x	32.82	10
05 Contact Blocks ❸❹ NO NCLB NCEB	D7-X10 D7-X01L D7-X01B	13.74	10

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

- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H6:6 and H6:11 for information.w
- ❷ Up to 4 contact blocks can be attached.
- ❸ Cannot use N.C. or NOEM contact blocks with 3-position push-pull operators.