

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	Price	Catalog Number	Price
Oper. Only	D7P-MP4④	46.17	D7M-MP4④	51.34
1NO	D7P-MP4④PX10	65.94	D7M-MP4④PX10	71.12
1NC	D7P-MP4④PX01		D7M-MP4④PX01	
GCB	D7P-MP4④PX01S	79.68	D7M-MP4④PX01S	84.85
2NO	D7P-MP4④PX20	79.68	D7M-MP4④PX20	84.85
2NC	D7P-MP4④PX02		D7M-MP4④PX02	
1NO/1NC	D7P-MP4④PX11		D7M-MP4④PX11	
3NO	D7P-MP4④PX30	93.42	D7M-MP4④PX30	98.58
3NC	D7P-MP4④PX03		D7M-MP4④PX03	
2NO/1NC	D7P-MP4④PX21		D7M-MP4④PX21	
1NO/2NC	D7P-MP4④PX12		D7M-MP4④PX12	

Complete Kit Ordering Instructions

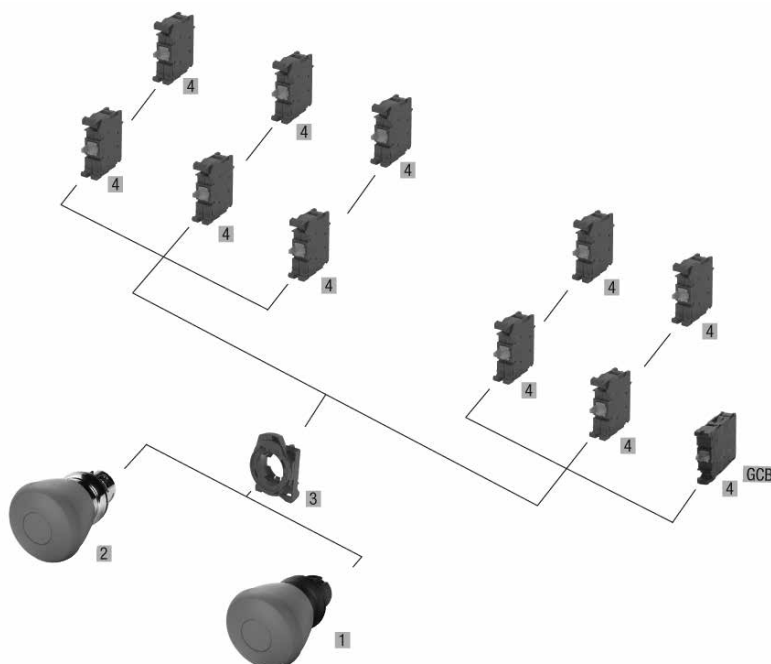
D7P –	MP4	★	P	X10
Oper. Construction D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) D7M - Metal operator with metal bezel (Type 4/13, IP66)	Operator Type MP4 - 2-position, 40mm mushroom, push-pull, non-illuminated	Color Cap ③ 2 - Black 3 - Green 4 - Red 5 - Yellow 6 - Blue	Mounting Latch P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch Note: For metal latch add \$1.72	Contacts ①② X10 - 1NO X01 - 1NC → X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC Add \$13.74 for each additional standard contact block

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 H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, and screwless contact blocks.
- ③ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- ④ Operators are EN ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- ⑤ For EMO Guards, see page H72.
- 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	Price Ea.	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	46.17	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	51.34	1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	6.03 7.75	10
04 Contact blocks ❷❸ NO NC NO, early make NC, late break GCB, Guardian Block	D7-X10 D7-X01 ⊖ D7-X10E D7-X01L ⊖ D7-X01S ⊖	13.74 22.34	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 H68 and H73 for information.

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

❸ Screwless and dual circuit contact blocks available. See page H74 for ordering information.

Three Position, Push-Pull, Non-Illuminated (Operator Only) ①②③

Metal operator with metal bezel		Metal operator with metal bezel	
			
40mm Mushroom, Momentary		40mm Mushroom, Maintained	
Catalog Number	Price	Catalog Number	Price
D7M-MM4⊕E3	68.73	D7M-MP4⊕E3	68.73

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)

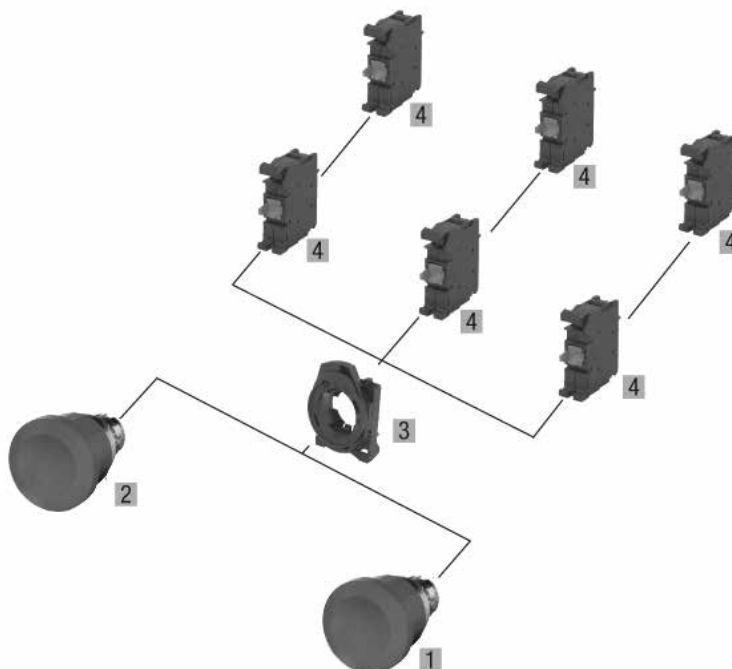
D7M	–	MM	4	★	E3
Operator Construction		Operator Type		Cap Color	
D7M - Metal operator with metal bezel (Type 4/13, IP66)		MM - 3 position, 40 mm mushroom, push-pull Non-illuminated momentary out, maintained center, momentary in		2 - Black 3 - Green 4 - Red	
		MP - 3 position, 40 mm Mushroom, push-pull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

- ① Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- ② Up to 6 contact blocks (3 across / 2 high) can be attached.
- ③ 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	Price Ea.	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	68.73	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	68.73	1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	6.03 7.75	10
04 Contact Blocks ❷❸ NO NCLB NCEB	D7-X10 D7-X01L D7-X01B	13.74	10

❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 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

Emergency Stop Operators, Twist-to-release (Trigger Action), Non-keyed (Complete Kit) ③⑤⑥

Contact Block(s) ①②	Plastic operator with plastic bezel						Metal operator with metal bezel					
	30mm Color Cap ③		40mm Color Cap ③		60mm Color Cap ③		30mm Color Cap ③		40mm Color Cap ③		60mm Color Cap ③	
	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price
Oper. Only	D7P-MT34	42.78	D7P-MT44	46.17	D7P-MT64	53.10	D7M-MT34	47.95	D7M-MT44	51.34	D7M-MT64	58.29
1NO	D7P-MT34PX10	62.56	D7P-MT44PX10	65.94	D7P-MT64PX10	72.88	D7M-MT34PX10	67.73	D7M-MT44PX10	71.12	D7M-MT64PX10	78.06
1NC	D7P-MT34PX01		D7P-MT44PX01		D7P-MT64PX01		D7M-MT34PX01		D7M-MT44PX01		D7M-MT64PX01	
GCB ④	D7P-MT34PX01S	76.29	D7P-MT44PX01S	79.68	D7P-MT64PX01S	86.62	D7M-MT34PX01S	81.47	D7M-MT44PX01S	84.85	D7M-MT64PX01S	91.80
2NO	D7P-MT34PX20	76.29	D7P-MT44PX20		D7P-MT64PX20	86.62	D7M-MT34PX20	81.47	D7M-MT44PX20	84.85	D7M-MT64PX20	91.80
2NC	D7P-MT34PX02		D7P-MT44PX02		D7P-MT64PX02		D7M-MT34PX02		D7M-MT44PX02		D7M-MT64PX02	
1NO/1NC	D7P-MT34PX11		D7P-MT44PX11		D7P-MT64PX11		D7M-MT34PX11		D7M-MT44PX11		D7M-MT64PX11	
3NO	D7P-MT34PX30	90.03	D7P-MT44PX30	93.42	D7P-MT64PX30	100.36	D7M-MT34PX30	95.21	D7M-MT44PX30	98.58	D7M-MT64PX30	105.52
3NC	D7P-MT34PX03		D7P-MT44PX03		D7P-MT64PX03		D7M-MT34PX03		D7M-MT44PX03		D7M-MT64PX03	
2NO/1NC	D7P-MT34PX21		D7P-MT44PX21		D7P-MT64PX21		D7M-MT34PX21		D7M-MT44PX21		D7M-MT64PX21	
1NO/2NC	D7P-MT34PX12		D7P-MT44PX12		D7P-MT64PX12		D7M-MT34PX12		D7M-MT44PX12		D7M-MT64PX12	

Complete Kit Ordering Instructions

D7P –	MT4	4	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 MT3 - 2-position, 30mm diameter, twist-to-release MT4 - 2-position, 40mm diameter, twist-to-release MT6 - 2-position, 60mm diameter, twist-to-release	Color Cap ③ 4 - Red	Mounting Latch P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch Note: For metal latch add \$1.72	Contacts ①②④ X10 - 1NO X01 - 1NC X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC Add \$13.74 for each additional standard contact block

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

“EMO” Emergency Stop Operator

40mm Emergency Stop metal and plastic operators are available with a special “EMO” inscription. To order:

- Select 40mm kit of choice
- Add suffix “E” to catalog number
Ex.: Change D7P-MT44PX01 to D7P-MT44EPX01
- Add \$3.45 to list price.

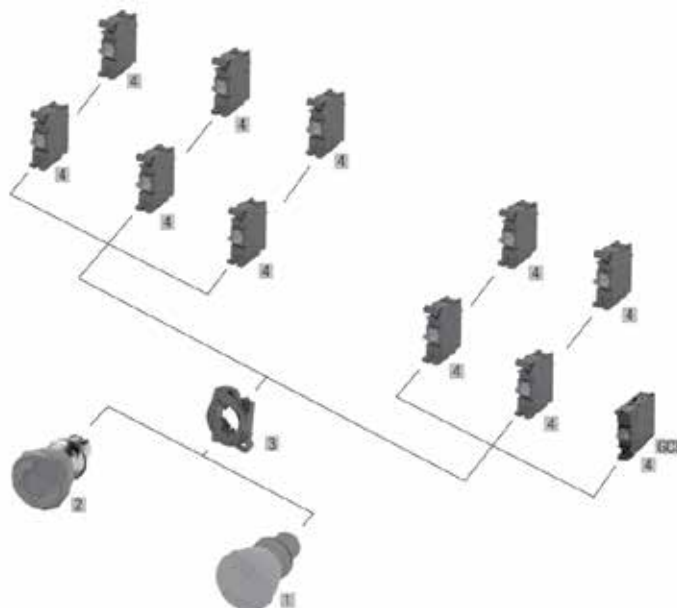


Semicon compliant yellow plastic guards available, see page H72

- ① Up to 6 contact blocks (3 across / 2 high) can be attached.
- ② See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, and screwless contact blocks.
- ③ Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- ④ When ordering E-Stop Complete Kits with Guardian Contact Blocks, additional NO and NC contact blocks should be ordered as components from the opposite page.

- ⑤ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- 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.

Emergency Stop Operators, Twist-to-release (Trigger Action), Non-keyed (Components) ❶



Component	Catalog Number	Price Ea.	Pkg. Qty.
01 Plastic operator with plastic bezel, 30mm Red, Twist-to-release ❶ Plastic operator with plastic bezel, 40mm Red Twist-to-release ❶ ❷ Plastic operator with plastic bezel, 60mm Red, Twist-to-release ❶	D7P-MT34	42.78	1
	D7P-MT44	46.17	
	D7P-MT64	53.10	
02 Metal operator with shiny metal bezel, 30mm Red, Twist-to-release ❶ Metal operator with shiny metal bezel, 40mm Red, Twist-to-release ❶ ❷ Metal operator with shiny metal bezel, 60mm Red, Twist-to-release ❶	D7M-MT34	47.95	1
	D7M-MT44	51.34	
	D7M-MT64	58.29	
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP	6.03	10
	D7-ALM	7.75	
04 Contact blocks ❷❸ NO NC NO, early make NC, late break NO, low voltage NC, low voltage GCB, Guardian Block	D7-X10	13.74	10
	D7-X01 ➡		
	D7-X10E		
	D7-X01L ➡		
	D7-X10V	22.34	
	D7-X01V ➡		
D7-X01S ➡	27.47		

➡ 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 H68 and H73 for information.
- ❷ Screwless and dual circuit contact blocks available. See page H74 for ordering information.
- ❸ Up to 6 contact blocks (3 across / 2 high) can be attached. Up to 4 contact blocks for the Guardian block.
- ❹ For special "EMO" inscription, add suffix "E" to catalog number. For example change D7P-MT44 to D7P-MT44E. Add \$3.45 to list price.

E-Stop Guardian® Contact Blocks (D7-X01S)

Separation of the contact blocks from the front operator or mounting latch can prevent an E-Stop from shutting down the controlled process in an emergency. Proper contact block installation is critical to ensure that the normally closed contacts will open when the E-Stop is actuated.

Designed for critical control applications, Sprecher + Schuh's new Guardian Contact Block (GCB) monitors itself to assure it is properly installed on E-Stop operators.

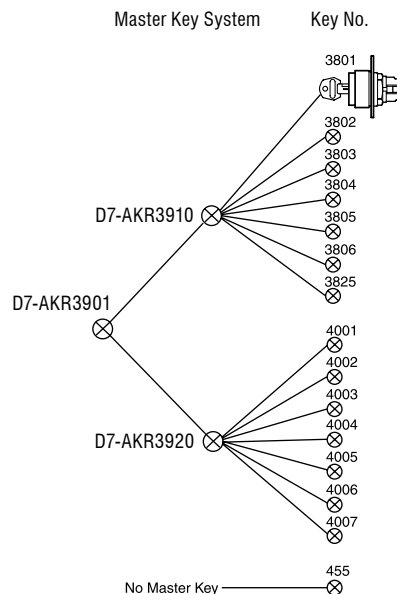
A normally open Guardian contact is physically molded and wired in series with a standard set of normally closed (NC) contacts. The normally open Guardian contacts automatically close when the contact block is properly installed on the E-Stop operator ❶. In this state, the E-Stop and NC contacts operate as usual, with actuation of the E-Stop causing the NC contacts to open ❷.

If the contact block should separate from the E-Stop operator, the normally open Guardian contacts will automatically open ❸. Because the Guardian contacts are wired in series with the NC contacts, the opening of either set of contacts will open the circuit being controlled by the E-Stop.

	❶ Normal Operation	❷ Actuated Button	❸ Improperly Installed
N.O. G.C.B.	X	X	0
N.C.	X	0	X
1 2	X	0	0

Emergency Stop Operators, Twist-to-release (Trigger Action), Keyed (Complete Kit) ③⑤⑥③

Contact Block(s) ①②	Plastic operator with plastic bezel		Metal operator with metal bezel	
				
	40mm Color Cap ③⑤		40mm Color Cap ③⑤	
	Catalog Number	Price	Catalog Number	Price
Oper. Only	D7P-MK44③	107.45	D7M-MK44③	112.63
1NO	D7P-MK44③PX10	127.22	D7M-MK44③PX10	132.40
1NC	D7P-MK44③PX01		D7M-MK44③PX01	
GCB ④	D7P-MK44③PX01S	140.96	D7M-MK44③PX01S	146.13
2NO	D7P-MK44③PX20	140.96	D7M-MK44③PX20	146.13
2NC	D7P-MK44③PX02		D7M-MK44③PX02	
1NO/1NC	D7P-MK44③PX11		D7M-MK44③PX11	
3NO	D7P-MK44③PX30	154.70	D7M-MK44③PX30	159.87
3NC	D7P-MK44③PX03		D7M-MK44③PX03	
2NO/1NC	D7P-MK44③PX21		D7M-MK44③PX21	
1NO/2NC	D7P-MK44③PX12		D7M-MK44③PX12	



Complete Kit Ordering Instructions

D7P –	MK4	4	★	P	X10	
<u>Oper. Construction</u>	<u>Operator Type</u>	<u>Color Cap ③</u>	<u>Key Code ⑦</u>	<u>Mounting Latch</u>	<u>Contacts ①②④</u>	
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	MK4 - 2-position, 40mm diameter, keyed, twist-to-release	4 - Red	Omit this position for a standard key (3825)	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)			Ronis Key Lock		M - Metal latch Note: For metal latch add \$1.72	Add \$13.74 for each additional standard contact block
			Key Code	Key No.		
			Blank	3825 (Standard)		
			R	455		
			01R	3801		
			02R	3802		
			03R	3803		
			04R	3804		
			05R	3805		
			06R	3806		
			27R	4001		
			28R	4002		
			29R	4003		
			30R	4004		
			31R	4005		
32R	4006					
33R	4007					

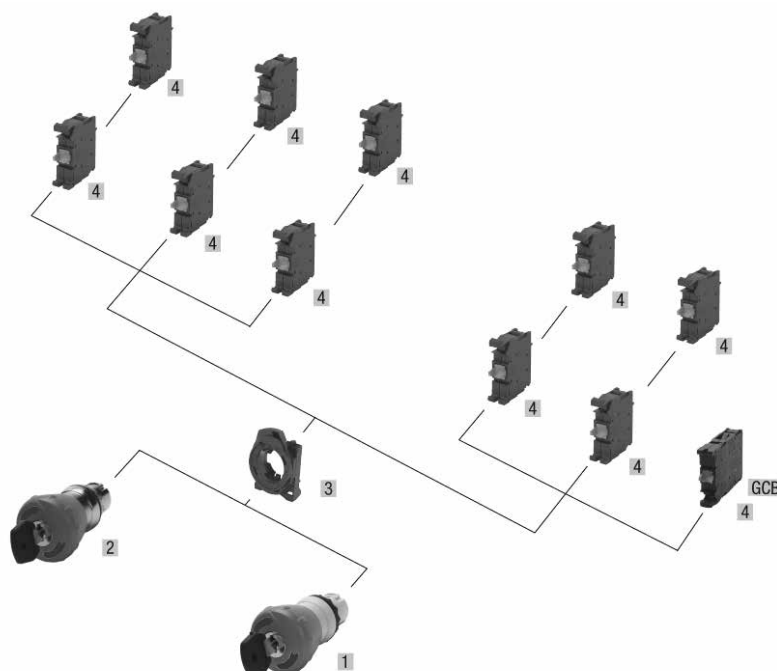
* Shading denotes special order.

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

- Up to 6 contact blocks (3 across / 2 high) can be attached.
- See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, and screwless contact blocks.
- Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- When ordering E-Stop Complete Kits with Guardian Contact Blocks, additional NO and NC contact blocks should be ordered as components from the opposite page. Equipped with one set (two keys) of the selected Ronis Key. For Ronis replacement keys, see Accessories page H70.

- Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations.
- Key removal from maintained depressed position only.
- 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.

Emergency Stop Operators, Twist-to-release (Trigger Action), Keyed (Components) ❶



Component	Catalog Number	Price Ea.	Pkg. Qty.
01 Plastic operator with plastic bezel, 40mm Red, keyed, Twist-to-release ❶❷	D7P-MK44❸	107.45	1
02 Metal operator with shiny metal bezel, 40mm Red, keyed, Twist-to-release ❶❷	D7M-MK44❸	112.63	1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules)			
Plastic Latch	D7-ALP	6.03	10
Metal Latch	D7-ALM	7.75	
04 Contact blocks ❷❸			
NO	D7-X10	13.74	10
NC	D7-X01⊖		
NO, early make	D7-X10E		
NC, late break	D7-X01L⊖		
GCB, Guardian Block	D7-X01S⊖	27.47	

See "Complete Assembly Ordering Instructions" chart on opposite page to determine "Key Codes" (❸) if applicable.

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

E-Stop Guardian® Contact Blocks (D7-X01S)

Separation of the contact blocks from the front operator or mounting latch can prevent an E-Stop from shutting down the controlled process in an emergency. Proper contact block installation is critical to ensure that the normally closed contacts will open when the E-Stop is actuated.

Designed for critical control applications, Sprecher + Schuh's new Guardian Contact Block (GCB) monitors itself to assure it is properly installed on E-Stop operators.

A normally open Guardian contact is physically molded and wired in series with a standard set of normally closed (NC) contacts. The normally open Guardian contacts automatically close when the contact block is properly installed on the E-Stop operator ❶. In this state, the E-Stop and NC contacts operate as usual, with actuation of the E-Stop causing the NC contacts to open ❷.

If the contact block should separate from the E-Stop operator, the normally open Guardian contacts will automatically open ❸. Because the Guardian contacts are wired in series with the NC contacts, the opening of either set of contacts will open the circuit being controlled by the E-Stop.

	1 Normal Operation	2 Actuated Button	3 Improperly Installed
N.O. G.C.B.	X	X	0
N.C.	X	0	X
1 2	X	0	0

- ❶ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
- ❷ Screwless and dual circuit contact blocks available. See page H74 for ordering information.
- ❸ Up to 6 contact blocks (3 across / 2 high) can be attached. Up to 4 contact blocks for the Guardian block
- ❹ For Ronis replacement keys, see Accessories page H70.

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	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price
Oper. Only	D7P-LMP3④	68.85	D7P-LMP4④	72.27	D7P-LMP6④	79.04	D7M-LMP3④	74.04	D7M-LMP4④	77.45	D7M-LMP6④	84.20
Integral LED Module												
1NO	D7P-LMP3④PⓧX10	128.33	D7P-LMP4④PⓧX10	131.74	D7P-LMP6④PⓧX10	138.50	D7M-LMP3④PⓧX10	133.50	D7M-LMP4④PⓧX10	136.92	D7M-LMP6④PⓧX10	143.67
1NC	D7P-LMP3④PⓧX01		D7P-LMP4④PⓧX01		D7P-LMP6④PⓧX01		D7M-LMP3④PⓧX01		D7M-LMP4④PⓧX01		D7M-LMP6④PⓧX01	
GCB	D7P-LMP3④PⓧX01S	142.06	D7P-LMP4④PⓧX01S	145.48	D7P-LMP6④PⓧX01S	152.24	D7M-LMP3④PⓧX01S	147.23	D7M-LMP4④PⓧX01S	150.65	D7M-LMP6④PⓧX01S	157.40
2NO	D7P-LMP3④PⓧX20	142.06	D7P-LMP4④PⓧX20	145.48	D7P-LMP6④PⓧX20	152.24	D7M-LMP3④PⓧX20	147.23	D7M-LMP4④PⓧX20	150.65	D7M-LMP6④PⓧX20	157.40
2NC	D7P-LMP3④PⓧX02		D7P-LMP4④PⓧX02		D7P-LMP6④PⓧX02		D7M-LMP3④PⓧX02		D7M-LMP4④PⓧX02		D7M-LMP6④PⓧX02	
1NO/1NC	D7P-LMP3④PⓧX11		D7P-LMP4④PⓧX11		D7P-LMP6④PⓧX11		D7M-LMP3④PⓧX11		D7M-LMP4④PⓧX11		D7M-LMP6④PⓧX11	

Complete Kit Ordering Instructions

D7P –	LMP3	★	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 LMP3 - 2-position, 30mm mushroom, push-pull, illuminated LMP4 - 2-position, 40mm mushroom, push-pull, illuminated LMP6 - 2-position, 60mm mushroom, push-pull, illuminated	Lens Color 3 - Green 4 - Red 5 - Yellow ⑥ 6 - Blue ⑥⑦	Mounting Latch P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch Note: For metal latch add \$1.72	Power Module ④ Integral LED module N3x, 24V AC/DC N5x, 120V AC N7x, 240V AC See Footnote ⑤ to complete catalog number to choose desired color.	Contacts ①② X10 - 1NO X01 - 1NC X20 - 2NO X02 - 2NC X11 - 1NO/1NC Add \$13.74 for each additional standard contact block

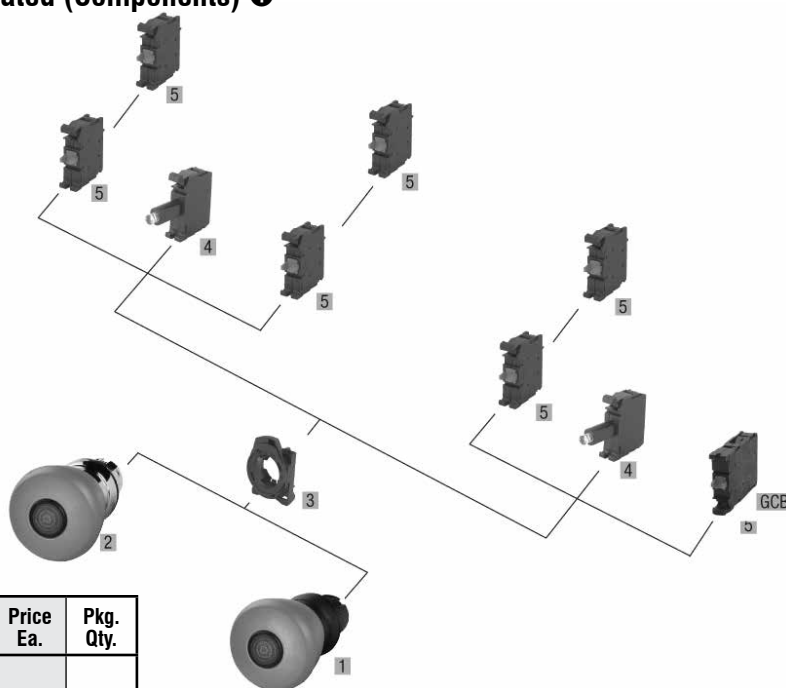
LED Module Code Selection	
For lens color...	replace "x" with
Green	G
Red	R
Blue Yellow	W

➞ 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 H74 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 H68 and H73 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	Price Ea.	Pkg. Qty.
01 Plastic operator with plastic bezel, 2-position, 30mm push-pull, illuminated ❶❷			
Green	D7P-LMP33	68.85	1
Red	D7P-LMP34		
Yellow	D7P-LMP35		
Plastic operator with plastic bezel, 2-position, 40mm push-pull, illuminated ❶❷			
Green	D7P-LMP43	72.27	1
Red	D7P-LMP44		
Yellow	D7P-LMP45		
Blue	D7P-LMP46		
Plastic operator with plastic bezel, 2-position, 60mm push-pull, illuminated ❶❷			
Green	D7P-LMP63	79.04	1
Red	D7P-LMP64		
Yellow	D7P-LMP65		
02 Metal operator with metal bezel, 2-position, 30mm push-pull, illuminated ❶❷			
Green	D7M-LMP33	74.04	1
Red	D7M-LMP34		
Yellow	D7M-LMP35		
Metal operator with metal bezel, 2-position, 40mm push-pull, illuminated ❶❷			
Green	D7M-LMP43	77.45	1
Red	D7M-LMP44		
Yellow	D7M-LMP45		
Blue	D7M-LMP46		
Metal operator with metal bezel, 2-position, 60mm push-pull, illuminated ❶❷			
Green	D7M-LMP63	84.20	1
Red	D7M-LMP64		
Yellow	D7M-LMP65		

Component	Catalog Number	Price Ea.	Pkg. Qty.
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules)			
Plastic Latch	D7-ALP	6.03	10
Metal Latch	D7-ALM	7.75	
04 Power Module, Integral LED ❸❹			
24V AC/DC	D7-N3x	32.82	10
120V AC	D7-N5x		
240V AC	D7-N7x		
05 Contact blocks ❷❹			
NO	D7-X10	13.74	10
NC	D7-X01 ➡		
NO, early make	D7-X10E		
NC, late break	D7-X01L ➡		
NO, low voltage	D7-X10V	22.34	
NC, low voltage	D7-X01V ➡		
GCB, Guardian Block	D7-X01S ➡	27.47	

➡ 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 H68 and H73 for information.
- ❷ Up to 4 contact blocks can be attached.
- ❸ Screwless and dual circuit contact blocks available. See page H74 for ordering information.
- ❹ Integral LED module required for illumination cannot use incandescent module.
- ❺ 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.

Two Position Operators, Twist-to-release, Illuminated (Complete Kits) ③④⑥

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	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price
Oper. Only	D7P-LMT44	72.27	D7P-LMT64	79.04	D7M-LMT44	77.45	D7M-LMT64	84.20
Integral LED Module								
1NO	D7P-LMT44P♣X10	131.74	D7P-LMT64P♣X10	138.50	D7M-LMT44P♣X10	136.92	D7M-LMT64P♣X10	143.67
1NC	D7P-LMT44P♣X01		D7P-LMT64P♣X01		D7M-LMT44P♣X01		D7M-LMT64P♣X01	
GCB	D7P-LMT44P♣X01S	145.48	D7P-LMT64P♣X01S	152.24	D7M-LMT44P♣X01S	150.65	D7M-LMT64P♣X01S	157.40
2NO	D7P-LMT44P♣X20		D7P-LMT64P♣X20		D7M-LMT44P♣X20		D7M-LMT64P♣X20	
2NC	D7P-LMT44P♣X02		D7P-LMT64P♣X02		D7M-LMT44P♣X02		D7M-LMT64P♣X02	
1NO/1NC	D7P-LMT44P♣X11		D7P-LMT64P♣X11		D7M-LMT44P♣X11		D7M-LMT64P♣X11	
3NO	D7P-LMT44P♣X30	159.22	D7P-LMT64P♣X30	165.97	D7M-LMT44P♣X30	164.38	D7M-LMT64P♣X30	171.15
3NC	D7P-LMT44P♣X03		D7P-LMT64P♣X03		D7M-LMT44P♣X03		D7M-LMT64P♣X03	
2NO/1NC	D7P-LMT44P♣X21		D7P-LMT64P♣X21		D7M-LMT44P♣X21		D7M-LMT64P♣X21	
1NO/2NC	D7P-LMT44P♣X12		D7P-LMT64P♣X12		D7M-LMT44P♣X12		D7M-LMT64P♣X12	

Complete Kit Ordering Instructions

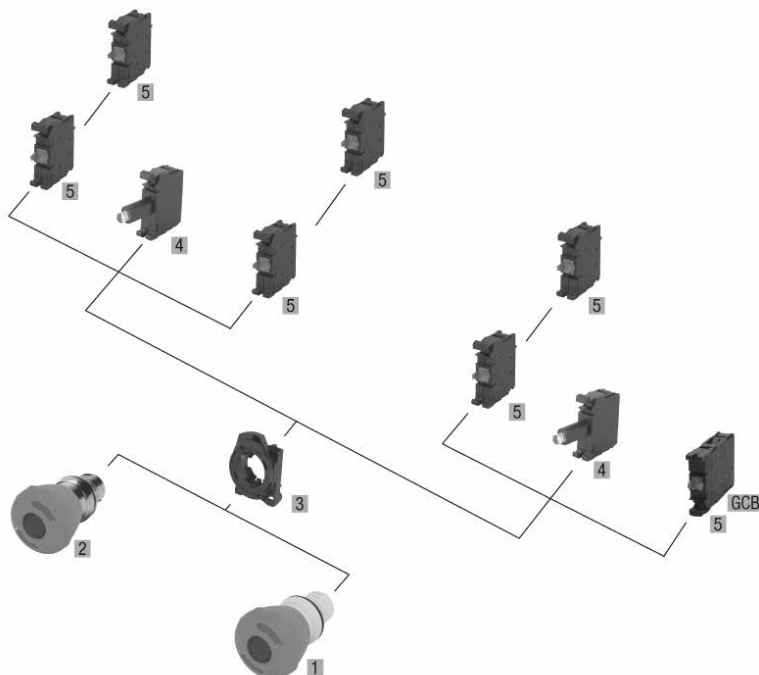
D7P –	LMT4	4	P	♣	X10
Oper. Construction	Operator Type	Lens Cap Color	Mounting Latch	Power Module ④	Contacts ①②
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) D7M - Metal operator with metal bezel (Type 4/13, IP66)	LMT4 - 2-position, 40mm mushroom, twist-to-release, illuminated LMT6 - 2-position, 60mm mushroom, twist-to-release, illuminated	4 - Red	P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch Note: For metal latch add \$1.72	Integral LED module N3R , 24V AC/DC N5R , 120V AC N7R , 240V AC	X10 - 1NO X01 - 1NC ➡ X20 - 2NO X02 - 2NC X11 - 1NO/1NC Add \$13.74 for each additional standard contact block

➡ 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 H74 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 H68 and H73 for information.
- ④ Integral LED module required for illumination, cannot use incandescent module.

- ⑤ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- 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, Twist-to-release, Illuminated (Components) ❶



Component	Catalog Number	Price Ea.	Pkg. Qty.
01 Plastic operator with plastic bezel, 2-position, 40mm twist-to-release, illuminated ❶❷ Red Plastic operator with plastic bezel, 2-position, 60mm twist-to-release, illuminated ❶❷ Red	D7P-LMT44 D7P-LMT64	72.27 79.04	1 1
02 Metal operator with metal bezel, 2-position, 40mm twist-to-release, illuminated ❶❷ Red Metal operator with metal bezel, 2-position, 60mm twist-to-release, illuminated ❶❷ Red	D7M-LMT44 D7M-LMT64	77.45 84.20	1 1
03 Tool-less Mounting Latch (for snap-on contact blocks and power modules) Plastic Latch Metal Latch	D7-ALP D7-ALM	6.03 7.75	10

Component	Catalog Number	Price Ea.	Pkg. Qty.
04 Power Module, Integral LED ❸ RED 24V AC/DC RED 120V AC RED 240V AC	D7-N3R D7-N5R D7-N7R	32.82	10
05 Contact blocks ❷❹ NO NC NO, early make NC, late break NO, low voltage NC, low voltage GCB, Guardian Block	D7-X10 D7-X01 ⇨ D7-X10E D7-X01L ⇨ D7-X10V D7-X01V ⇨ D7-X01S ⇨	13.74 22.34 27.47	10

⇨ 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 H68 and H73 for information.
- ❷ Up to 4 contact blocks can be attached.
- ❸ Screwless and dual circuit contact blocks available. See page H74 for ordering information.
- ❹ Integral LED module required for illumination, cannot use incandescent module.

Three Position, Push-Pull, Illuminated (Operator Only) ①②③

Metal operator with metal bezel		Metal operator with metal bezel	
			
40mm Mushroom, Momentary		40mm Mushroom, Maintained	
Catalog Number	Price	Catalog Number	Price
D7M-LMM4④E3	94.64	D7M-LMP4④E3	94.64

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.

Ordering Instructions (Operator Only)

D7M –	LMM	4	★	E3
Operator D7M - Metal operator with metal bezel (Type 4/13, IP66)	Operator Type 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	Cap Size 4 - 40mm Plastic	Cap/Lens Color 0- Amber 3 - Green 4 - Red 6 - Blue 7 - Clear	Positions E3 - 3 Position

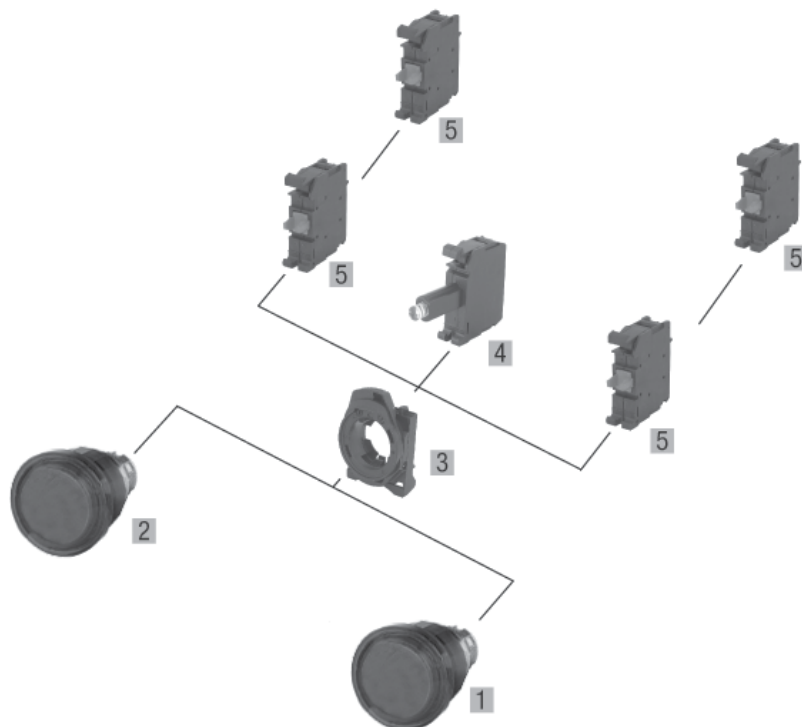
Target Table and Operator Positions ③④

			
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 H68 and H73 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 ❷❸ 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 H68 and H73 for information.

❷ Up to 4 contact blocks can be attached.

❸ Cannot use N.C. or NOEM contact blocks with 3-position push-pull operators.