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

Contact Block(s) ❶❷	Plastic operator with plastic bezel	Metal operator with metal bezel
	40mm Color Cap ❸	40mm Color Cap ❸
	Catalog Number	Catalog Number
Oper. Only	D7P-MP4✪	D7M-MP4✪
1NO	D7P-MP4✪PX10	D7M-MP4✪PX10
1NC	D7P-MP4✪PX01	D7M-MP4✪PX01
GCB	D7P-MP4✪PX01S	D7M-MP4✪PX01S
2NO	D7P-MP4✪PX20	D7M-MP4✪PX20
2NC	D7P-MP4✪PX02	D7M-MP4✪PX02
1NO/1NC	D7P-MP4✪PX11	D7M-MP4✪PX11
3NO	D7P-MP4✪PX30	D7M-MP4✪PX30
3NC	D7P-MP4✪PX03	D7M-MP4✪PX03
2NO/1NC	D7P-MP4✪PX21	D7M-MP4✪PX21
1NO/2NC	D7P-MP4✪PX12	D7M-MP4✪PX12

H

D7 Pilot Devices

Complete Kit Ordering Instructions

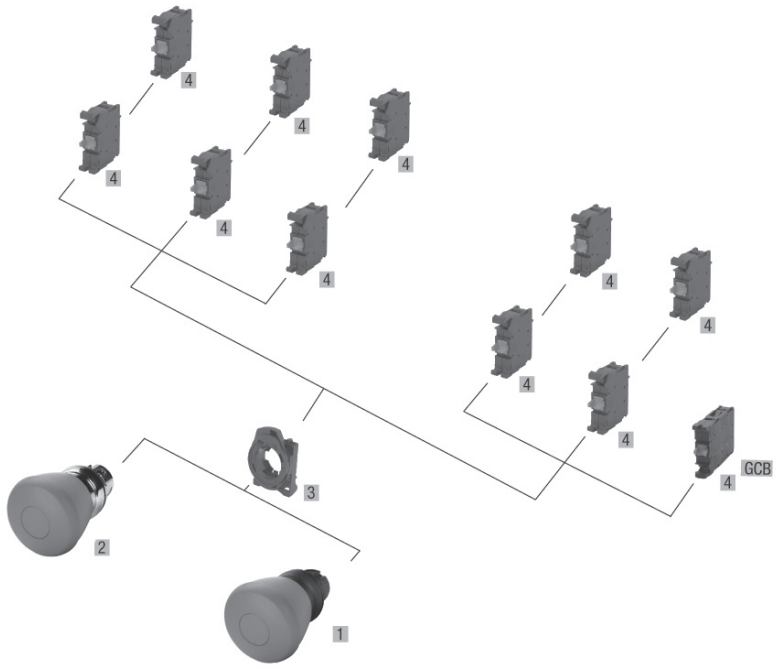
D7P –	MP4	✪	P	X10
Oper. Construction	**Operator Type**	**Color Cap ❸**	**Mounting Latch**	**Contacts ❶❷**
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) **D7M -** Metal operator with metal bezel (Type 4/13, IP66)	**MP4** - 2-position, 40mm mushroom, push-pull, non-illuminated	**2 -** Black 3 - Green **4 -** Red 5 - Yellow 6 - Blue	**P -** Plastic latch *(D7P and D7M offered with plastic latch as standard)* 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

Colors in Gray are SPECIAL ORDER

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

❶ Up to 6 contact blocks (3 across / 2 high) can be attached.
❷ See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage, contact blocks.
❸ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
❹ Operators are EN ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
❺ For EMO Guards, see page H72.
❻ 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	D7P-MP42	1
	Green	D7P-MP43	
	Red	D7P-MP44	
	Yellow	D7P-MP45	
	Blue	D7P-MP46	
02	**Metal operator with metal bezel, 2-position, 40mm, push-pull ❶**		
	Black	D7M-MP42	1
	Green	D7M-MP43	
	Red	D7M-MP44	
	Yellow	D7M-MP45	
	Blue	D7M-MP46	
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 ⊖	
	GCB, Guardian Block	D7-X01S ⊖	

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.

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-MM4✪E3	D7M-MP4✪E3

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 Size**	**Cap Color**	**Positions**
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** **MP -** 3 position, 40 mm Mushroom, push-pull Non-illuminated momentary out, maintained center, **maintained in**	**4 - 40mm Plastic**	**2 -** Black **3 -** Green **4 -** Red	**E3 -** 3 Position

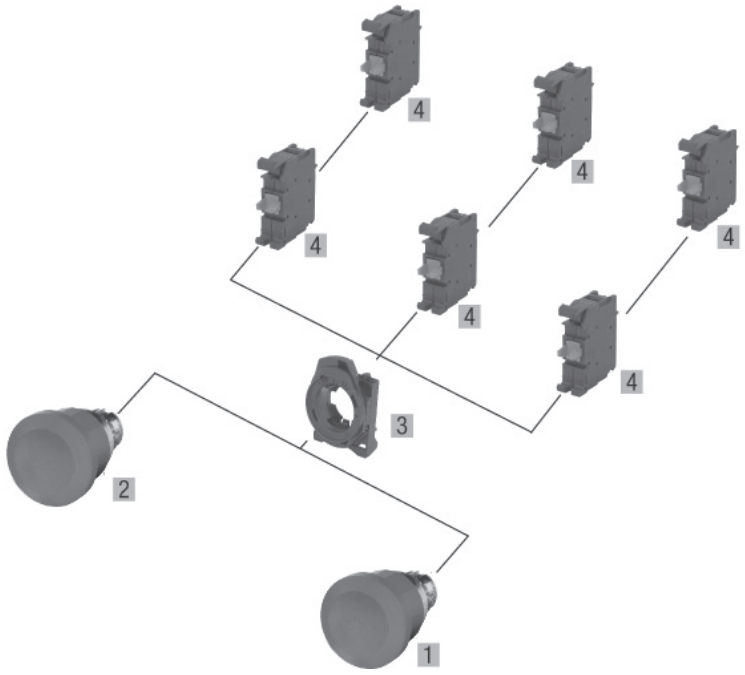
Target Table and Operator Positions

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 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. 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	D7M-MM42E3	
	Green	D7M-MM43E3	**1**
	Red	D7M-MM44E3	
02	**Metal operator with shiny metal bezel momentary, 40mm Mushroom, non-illuminated momentary out, maintained center, maintained in ❶**		
	Black	D7M-MP42E3	
	Green	D7M-MP43E3	**1**
	Red	D7M-MP44E3	
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 ❷❸**		
	NO	D7-X10	**10**
	NCLB	D7-X01L	
	NCEB	D7-X01B	

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) ❸❺❻

Contact Block(s) ❶❷	Plastic operator with plastic bezel			Metal operator with metal bezel		
	30mm Color Cap ❸	40mm Color Cap ❸	60mm Color Cap ❸	30mm Color Cap ❸	40mm Color Cap ❸	60mm Color Cap ❸
	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
Oper. Only	D7P-MT34	D7P-MT44	D7P-MT64	D7M-MT34	D7M-MT44	D7M-MT64
1NO	D7P-MT34PX10	D7P-MT44PX10	D7P-MT64PX10	D7M-MT34PX10	D7M-MT44PX10	D7M-MT64PX10
1NC	D7P-MT34PX01	D7P-MT44PX01	D7P-MT64PX01	D7M-MT34PX01	D7M-MT44PX01	D7M-MT64PX01
GCB ❹	D7P-MT34PX01S	D7P-MT44PX01S	D7P-MT64PX01S	D7M-MT34PX01S	D7M-MT44PX01S	D7M-MT64PX01S
2NO	D7P-MT34PX20	D7P-MT44PX20	D7P-MT64PX20	D7M-MT34PX20	D7M-MT44PX20	D7M-MT64PX20
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	D7P-MT44PX30	D7P-MT64PX30	D7M-MT34PX30	D7M-MT44PX30	D7M-MT64PX30
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	**Operator Type**	**Color Cap ❸**	**Mounting Latch**	**Contacts ❶❷❹**
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66)	**MT3 -** 2-position, 30mm diameter, twist-to-release	**4** - Red	**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)	**MT4 -** 2-position, 40mm diameter, twist-to-release		**M -** Metal latch ***List** price changes*	
	MT6 - 2-position, 60mm diameter, twist-to-release			

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

"EMO" Emergency Stop Operator

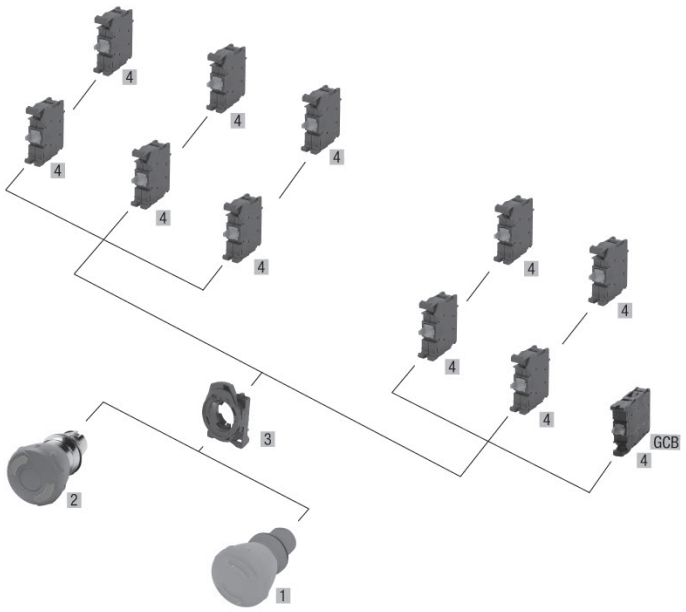
40mm Emergency Stop metal and plastic operators are available with a special "EMO" inscription. To order:

- Select 40mm kit of choice
- Add suffix "E" to catalog number
  Ex.: Change D7P-MT44PX01 to D7P-MT44**E**PX01
- List price changes.

Semicon compliant yellow plastic guards available, see page H72

❶ Up to 6 contact blocks (3 across / 2 high) can be attached.
❷ See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage contact blocks.
❸ Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
❹ 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.
❺ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
❻ 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	Pkg. Qty.
01	**Plastic operator with plastic bezel, 30mm Red, Twist-to-release** ❶	D7P-MT34	1
	Plastic operator with plastic bezel, 40mm Red Twist-to-release ❶ ❸	D7P-MT44	
	Plastic operator with plastic bezel, 60mm Red, Twist-to-release ❶	D7P-MT64	
02	**Metal operator with shiny metal bezel, 30mm Red, Twist-to-release** ❶	D7M-MT34	1
	Metal operator with shiny metal bezel, 40mm Red, Twist-to-release ❶ ❸	D7M-MT44	
	Metal operator with shiny metal bezel, 60mm Red, Twist-to-release ❶	D7M-MT64	
03	**Tool-less Mounting Latch** (for snap-on contact blocks and power modules)		10
	Plastic Latch	D7-ALP	
	Metal Latch	D7-ALM	
04	**Contact blocks** ❷		10
	NO	D7-X10	
	NC	D7-X01 ⊖	
	NO, low voltage	D7-X10V ⊖ ❹	
	NC, low voltage	D7-X01V ❹	
	GCB, Guardian Block	D7-X01S ⊖	

⊖ 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. Up to 4 contact blocks for the Guardian block.
❸ For special "EMO" inscription, add suffix "E" to catalog number. For example change D7P-MT44 to D7P-MT44**E**. List price changes
❹ Low voltage contact blocks must be ordered separately.

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.

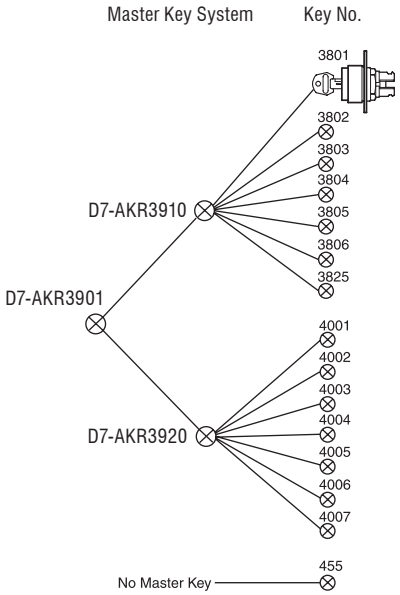
A normally open Guardian contact is physically molded and wired in series with a standard set of normally closed (NC) contacts. The normally open Guardian contacts automatically close when the contact block is properly installed on the E-Stop operator 1. In this state, the E-Stop and NC contacts operate as usual, with actuation of the E-Stop causing the NC contacts to open 2.

If the contact block should separate from the E-Stop operator, the normally open Guardian contacts will automatically open 3. 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

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

Contact Block(s) ❶❷	Plastic operator with plastic bezel	Metal operator with metal bezel
	40mm Color Cap ❸❺	**40mm Color Cap ❸❺**
	Catalog Number	**Catalog Number**
Oper. Only	D7P-MK44✪	D7M-MK44✪
1NO	D7P-MK44✪PX10	D7M-MK44✪PX10
1NC	D7P-MK44✪PX01	D7M-MK44✪PX01
GCB ❹	D7P-MK44✪PX01S	D7M-MK44✪PX01S
2NO	D7P-MK44✪PX20	D7M-MK44✪PX20
2NC	D7P-MK44✪PX02	D7M-MK44✪PX02
1NO/1NC	D7P-MK44✪PX11	D7M-MK44✪PX11
3NO	D7P-MK44✪PX30	D7M-MK44✪PX30
3NC	D7P-MK44✪PX03	D7M-MK44✪PX03
2NO/1NC	D7P-MK44✪PX21	D7M-MK44✪PX21
1NO/2NC	D7P-MK44✪PX12	D7M-MK44✪PX12



Complete Kit Ordering Instructions

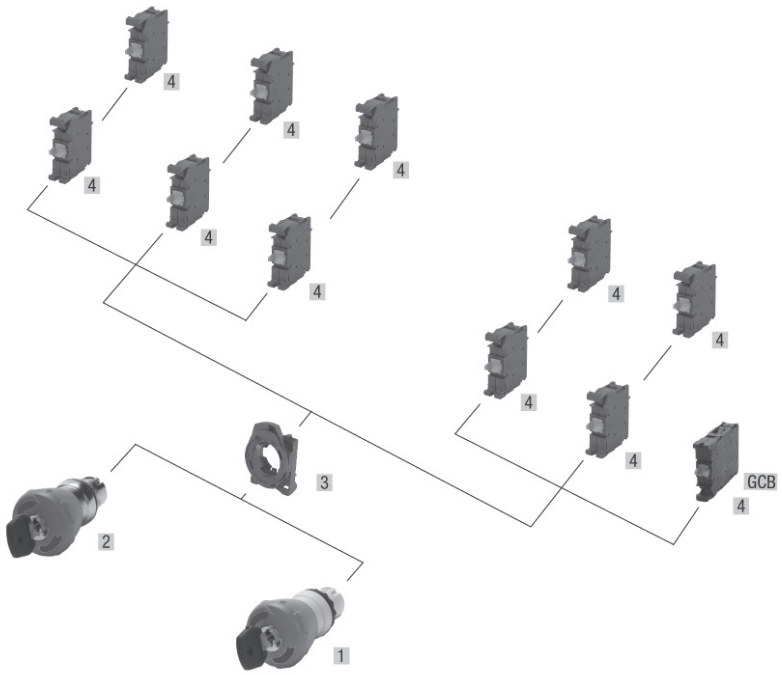
D7P –	MK4	4	✪	P	X10
Oper. Construction	**Operator Type**	**Color Cap ❸**	**Key Code ❼**	**Mounting Latch**	**Contacts ❶❷❹**
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) **D7M -** Metal operator with metal bezel (Type 4/13, IP66)	**MK4 -** 2-position, 40mm diameter, keyed, twist-to-release	**4 -** Red	*Omit this position for a standard key (3825)* **Ronis Key Lock** **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	**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

* Shading denotes special order.

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

❶ Up to 6 contact blocks (3 across / 2 high) can be attached.
❷ See page H74 for complete kit ordering information on other special contact blocks: Early make, late break, low voltage contact blocks.
❸ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
❹ 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.
❺ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
❻ Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations
❼ Key removal from maintained depressed position only.
❽ 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	Pkg. Qty.
01	**Plastic operator with plastic bezel, 40mm Red, keyed, Twist-to-release ❶❸**	D7P-MK44✪	1
02	**Metal operator with shiny metal bezel, 40mm Red, keyed, Twist-to-release ❶❸**	D7M-MK44✪	1
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⊖	
	GCB, Guardian Block	D7-X01S⊖	

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

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

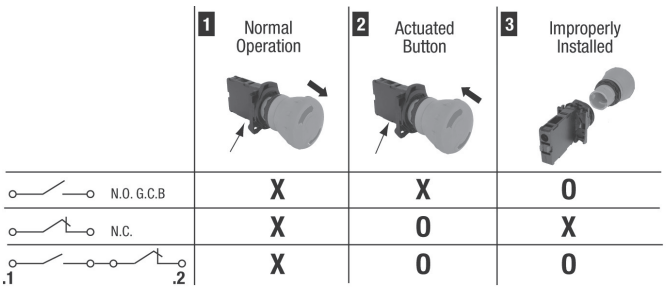
E-Stop Guardian™ Contact Blocks (D7-X01S)

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 **1**. In this state, the E-Stop and NC contacts operate as usual, with actuation of the E-Stop causing the NC contacts to open **2**.

If the contact block should separate from the E-Stop operator, the normally open Guardian contacts will automatically open **3** . 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 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. Up to 4 contact blocks for the Guardian block
❸ For Ronis replacement keys, see Accessories page H70.

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

Contact Block(s) ❶❷	Plastic operator with plastic bezel			Metal operator with metal bezel		
	30mm Mushroom ❸	40mm Mushroom ❸	60mm Mushroom ❸	30mm Mushroom ❸	40mm Mushroom ❸	60mm Mushroom ❸
	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-LMP3✪P♣X10	D7P-LMP4✪P♣X10	D7P-LMP6✪P♣X10	D7M-LMP3✪P♣X10	D7M-LMP4✪P♣X10	D7M-LMP6✪P♣X10
1NC	D7P-LMP3✪P♣X01	D7P-LMP4✪P♣X01	D7P-LMP6✪P♣X01	D7M-LMP3✪P♣X01	D7M-LMP4✪P♣X01	D7M-LMP6✪P♣X01
GCB	D7P-LMP3✪P♣X01S	D7P-LMP4✪P♣X01S	D7P-LMP6✪P♣X01S	D7M-LMP3✪P♣X01S	D7M-LMP4✪P♣X01S	D7M-LMP6✪P♣X01S
2NO	D7P-LMP3✪P♣X20	D7P-LMP4✪P♣X20	D7P-LMP6✪P♣X20	D7M-LMP3✪P♣X20	D7M-LMP4✪P♣X20	D7M-LMP6✪P♣X20
2NC	D7P-LMP3✪P♣X02	D7P-LMP4✪P♣X02	D7P-LMP6✪P♣X02	D7M-LMP3✪P♣X02	D7M-LMP4✪P♣X02	D7M-LMP6✪P♣X02
1NO/1NC	D7P-LMP3✪P♣X11	D7P-LMP4✪P♣X11	D7P-LMP6✪P♣X11	D7M-LMP3✪P♣X11	D7M-LMP4✪P♣X11	D7M-LMP6✪P♣X11

H

D7 Pilot Devices

Complete Kit Ordering Instructions

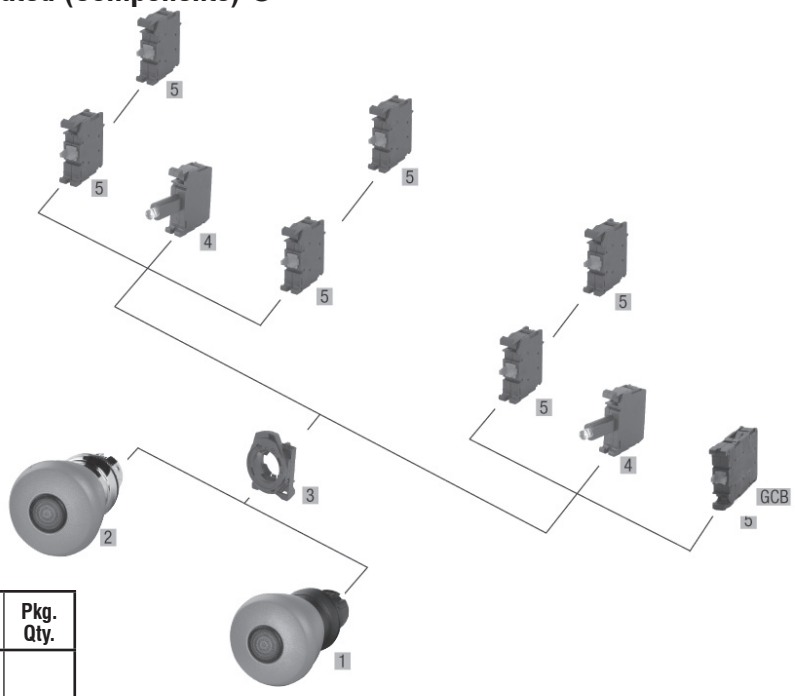
D7P –	LMP3	✪	P	♣	X10
Oper. Construction	**Operator Type**	**Lens Color**	**Mounting Latch**	**Power Module ❹**	**Contacts ❶❷**
D7P - Plastic operator with plastic bezel (Type 4/4X/13, IP66) **D7M -** Metal operator with metal bezel (Type 4/13, IP66)	**LMP3** - 2-position, 30mm mushroom, push-pull, illuminated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

⊖ 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**

❶ Up to 4 contact blocks can be attached.
❷ See page H74 for complete kit ordering information on other special contact blocks and power modules.
❸ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for 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.
❻ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
❼ Only available on 40mm operators.
❽ 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**		
	Green	D7P-LMP33	1
	Red	D7P-LMP34	
	Yellow	D7P-LMP35	
	Plastic operator with plastic bezel, 2-position, 40mm push-pull, illuminated ❶❸		
	Green	D7P-LMP43	1
	Red	D7P-LMP44	
	Yellow	D7P-LMP45	
	Blue	D7P-LMP46	
	Plastic operator with plastic bezel, 2-position, 60mm push-pull, illuminated ❶❸		
	Green	D7P-LMP63	1
	Red	D7P-LMP64	
	Yellow	D7P-LMP65	
02	**Metal operator with metal bezel, 2-position, 30mm push-pull, illuminated ❶❸**		
	Green	D7M-LMP33	1
	Red	D7M-LMP34	
	Yellow	D7M-LMP35	
	Metal operator with metal bezel, 2-position, 40mm push-pull, illuminated ❶❸		
	Green	D7M-LMP43	1
	Red	D7M-LMP44	
	Yellow	D7M-LMP45	
	Blue	D7M-LMP46	
	Metal operator with metal bezel, 2-position, 60mm push-pull, illuminated ❶❸		
	Green	D7M-LMP63	1
	Red	D7M-LMP64	
	Yellow	D7M-LMP65	

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	**Power Module, Integral LED ❹**		
	24V AC/DC	D7-N3**x**	10
	120V AC	D7-N5**x**	
	240V AC	D7-N7**x**	
05	**Contact blocks ❷**		
	NO	D7-X10	10
	NC	D7-X01 ⊖	
	NO, low voltage	D7-X10V ❺	
	NC, low voltage	D7-X01V ⊖ ❺	
	GCB, Guardian Block	D7-X01S ⊖	

⊖ 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 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.

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

Contact Block(s) ❶❷	Plastic operator with plastic bezel		Metal operator with metal bezel	
	40mm Mushroom ❸	60mm Mushroom ❸	40mm Mushroom ❸	60mm Mushroom ❸
	Catalog Number	Catalog Number	Catalog Number	Catalog Number
Oper. Only	D7P-LMT44	D7P-LMT64	D7M-LMT44	D7M-LMT64
Integral LED Module				
1NO	D7P-LMT44P♣X10	D7P-LMT64P♣X10	D7M-LMT44P♣X10	D7M-LMT64P♣X10
1NC	D7P-LMT44P♣X01	D7P-LMT64P♣X01	D7M-LMT44P♣X01	D7M-LMT64P♣X01
GCB	D7P-LMT44P♣X01S	D7P-LMT64P♣X01S	D7M-LMT44P♣X01S	D7M-LMT64P♣X01S
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	D7P-LMT64P♣X30	D7M-LMT44P♣X30	D7M-LMT64P♣X30
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

H

D7 Pilot Devices

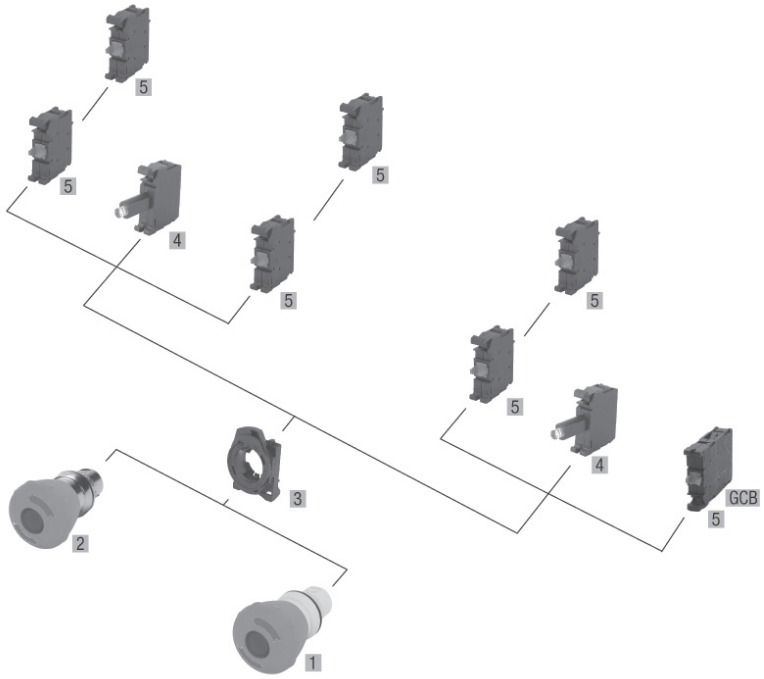
Complete Kit Ordering Instructions

D7P –	LMT4	4	P	♣	X10
Oper. Construction	**Operator Type**	**Lens Cap Color**	**Mounting Latch**	**Power Module ❹**	**Contacts ❶❷**
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 ***List** price changes*	***Integral LED module*** **N3R**, 24V AC/DC **N5R**, 120V AC **N7R**, 240V AC	**X10** - 1NO **X01** - 1NC ⊖→ **X20** - 2NO **X02** - 2NC **X11** - 1NO/1NC

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

❶ Up to 4 contact blocks can be attached.
❷ See page H74 for complete kit ordering information on other special contact blocks and power modules.
❸ Not available with inscriptions. Order inscription ring or legend plate for identification. See pages H68 and H73 for information.
❹ Integral LED module required for illumination, cannot use incandescent module.
❺ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
❻ 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	Pkg. Qty.
01	**Plastic operator with plastic bezel, 2-position, 40mm twist-to-release, illuminated ❶❸**		
	Red	D7P-LMT44	1
	Plastic operator with plastic bezel, 2-position, 60mm twist-to-release, illuminated ❶❸		
	Red	D7P-LMT64	1
02	**Metal operator with metal bezel, 2-position, 40mm twist-to-release, illuminated ❶❸**		
	Red	D7M-LMT44	1
	Metal operator with metal bezel, 2-position, 60mm twist-to-release, illuminated ❶❸		
	Red	D7M-LMT64	1
03	**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.
04	**Power Module, Integral LED**		
	RED 24V AC/DC	D7-N3**R**	10
	RED 120V AC	D7-N5**R**	
	RED 240V AC	D7-N7**R**	
05	**Contact blocks ❷**		
	NO	D7-X10	10
	NC	D7-X01 ⊖	
	NO, low voltage	D7-X10V ❹	
	NC, low voltage	D7-X01V ⊖ ❹	
	GCB, Guardian Block	D7-X01S ⊖	

⊖ 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 Integral LED module required for illumination, cannot use incandescent module.
❹ Low voltage contact blocks must be ordered separately.

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

Metal operator with metal bezel	Metal operator with metal bezel
40mm Mushroom, Momentary	**40mm Mushroom, Maintained**
Catalog Number	**Catalog Number**
D7M-LMM4✪E3	D7M-LMP4✪E3

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)

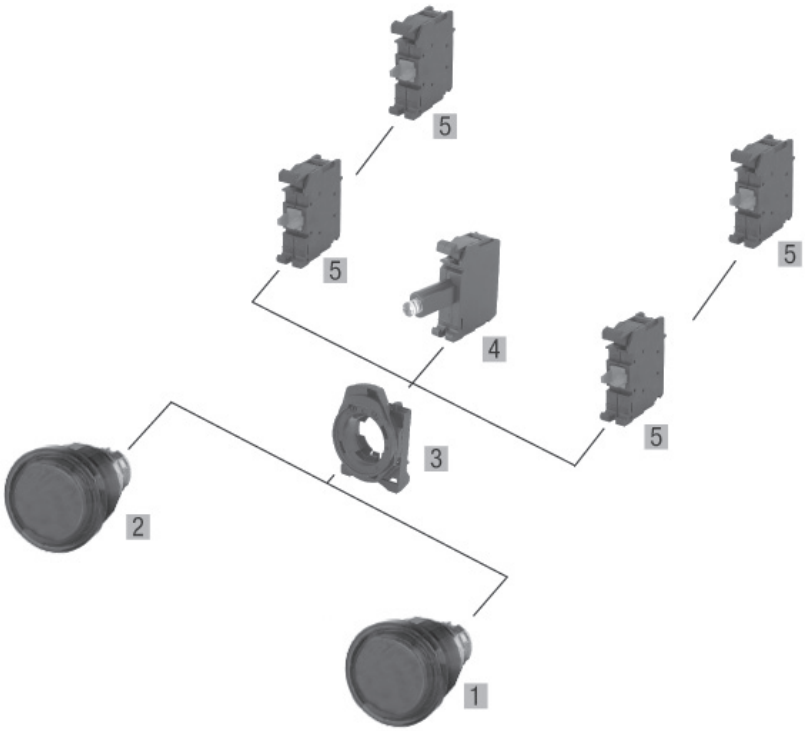
D7M –	LMM	4	✪	E3
Operator	**Operator Type**	**Cap Size**	**Cap/Lens Color**	**Positions**
D7M - Metal operator with metal bezel (Type 4/13, IP66)	**LMM -** 3 position, 40mm mushroom, push-pull illuminated momentary out, maintained center, **momentary in** **LMP -** 3 position, 40mm mushroom, push-pull 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 ❸❹			
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 H68 and H73 for information.
❷ Integral LED module required for illumination, cannot use incandescent module.
❸ Up to 4 contact blocks can be attached.
❹ 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	D7M-LMM40E3		
Green	D7M-LMM43E3	**94.64**	**1**
Red	D7M-LMM44E3		
Blue	D7M-LMM46E3		
Clear	D7M-LMM47E3		
02 Metal operator with metal bezel momentary, 40mm Mushroom, illuminated momentary out, maintained center, maintained in ❶			
Amber	D7M-LMP40E3		
Green	D7M-LMP43E3		**1**
Red	D7M-LMP44E3	**94.64**	
Blue	D7M-LMP46E3		
Clear	D7M-LMP47E3		
03 Tool-less Mounting Latch			
Plastic Latch	D7-ALP	**6.03**	**10**
Metal Latch	D7-ALM	**7.75**	
04 Power Module, Integral LED module ❷			
24V AC/DC	D7-N3**x**		**10**
120V AC	D7-N5**x**	**32.82**	
240V AC	D7-N7**x**		
05 Contact Blocks ❷❸			
NO	D7-X10		
NCLB	D7-X01L	**13.74**	**10**
NCEB	D7-X01B		

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.