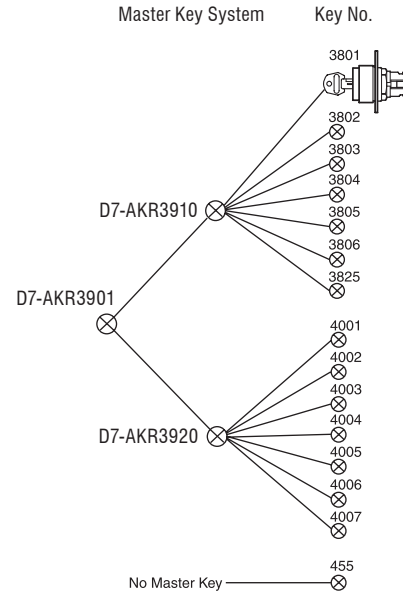


Emergency Stop Operators, Twist-to-release (Trigger Action), Keyed (Complete Kit) ③⑤⑥③

Contact Block(s) ①②	Plastic operator with plastic bezel	Metal operator with metal bezel
		
	40mm Color Cap ③④	40mm Color Cap ③④
	Catalog Number	Catalog Number
Oper. Only	D7P-MK44③	D7M-MK44③
1NO	D7P-MK44③PX10	D7M-MK44③PX10
1NC	D7P-MK44③PX01	D7M-MK44③PX01
GCB ④	D7P-MK44③PX01S	D7M-MK44③PX01S
2NO	D7P-MK44③PX20	D7M-MK44③PX20
2NC	D7P-MK44③PX02	D7M-MK44③PX02
1NO/1NC	D7P-MK44③PX11	D7M-MK44③PX11
3NO	D7P-MK44③PX30	D7M-MK44③PX30
3NC	D7P-MK44③PX03	D7M-MK44③PX03
2NO/1NC	D7P-MK44③PX21	D7M-MK44③PX21
1NO/2NC	D7P-MK44③PX12	D7M-MK44③PX12



D7 Pilot Devices

Complete Kit Ordering Instructions

D7P	MK4	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 MK4 - 2-position, 40mm diameter, keyed, twist-to-release	Color Cap ③ 4 - Red	Key Code ⑦ <i>Omit this position for a standard key (3825)</i> Ronis Key Lock <table border="1"> <tr> <th>Key Code</th> <th>Key No.</th> </tr> <tr> <td>Blank</td> <td>3825 (Standard)</td> </tr> <tr> <td>R</td> <td>455</td> </tr> <tr> <td>01R</td> <td>3801</td> </tr> <tr> <td>02R</td> <td>3802</td> </tr> <tr> <td>03R</td> <td>3803</td> </tr> <tr> <td>04R</td> <td>3804</td> </tr> <tr> <td>05R</td> <td>3805</td> </tr> <tr> <td>06R</td> <td>3806</td> </tr> <tr> <td>27R</td> <td>4001</td> </tr> <tr> <td>28R</td> <td>4002</td> </tr> <tr> <td>29R</td> <td>4003</td> </tr> <tr> <td>30R</td> <td>4004</td> </tr> <tr> <td>31R</td> <td>4005</td> </tr> <tr> <td>32R</td> <td>4006</td> </tr> <tr> <td>33R</td> <td>4007</td> </tr> </table>	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	Mounting Latch P - Plastic latch (D7P and D7M offered with plastic latch as standard) M - Metal latch	Contacts ①②④ X10 - 1NO X01 - 1NC (→) X20 - 2NO X02 - 2NC X11 - 1NO/1NC X30 - 3NO X03 - 3NC X21 - 2NO/1NC X12 - 1NO/2NC
Key Code	Key No.																																				
Blank	3825 (Standard)																																				
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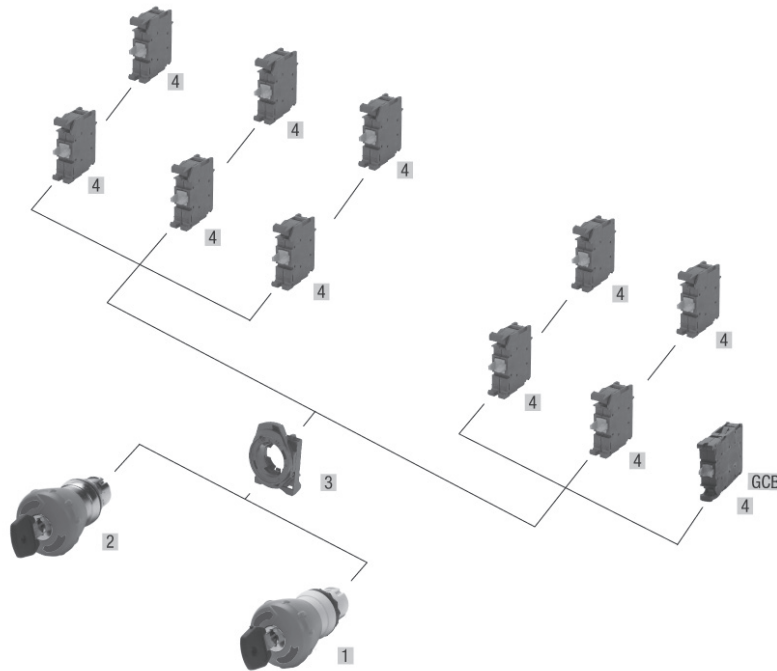
* Shading denotes special order.

→ 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 contact blocks.
- ③ Not available with inscriptions. 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. Equipped with one set (two keys) of the selected Ronis Key. For Ronis replacement keys, see Accessories page H70.

- ⑤ Operators are EN-ISO13850 compliant with standard NC, NCLB or Guardian contact blocks.
- ⑥ Not intended for high security applications. Interoperability is possible with certain key/cylinder lock combinations
- ⑦ Key removal from maintained depressed position only.
- 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.

Emergency Stop Operators, Twist-to-release (Trigger Action), Keyed (Components) ①



Component	Catalog Number	Pkg. Qty.
01 Plastic operator with plastic bezel, 40mm Red, keyed, Twist-to-release ①②	D7P-MK44⊕	1
02 Metal operator with shiny metal bezel, 40mm Red, keyed, Twist-to-release ①②	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 ②		10
NO	D7-X10	
NC	D7-X01⊖	
NO, early make	D7-X10E	
NC, late break	D7-X01L⊖	
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.

	① Normal Operation	② Actuated Button	③ Improperly Installed
	X	X	0
	X	0	X
	X	0	0

- 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. Up to 4 contact blocks for the Guardian block
- ③ For Ronis replacement keys, see Accessories page H70.