

Contact blocks and lamp blocks with holder for front mounting

Max. number of blocks in holder	Included blocks	Catalog No.	Ref. Code	List Price
For non-illuminated operators				
3	1 NC	MCBH-01	1SFA 611 605 R1110	\$ 10.00
3	1 NO	MCBH-10	1SFA 611 605 R1101	10.00
3	2 NC	MCBH-02	1SFA 611 605 R1120	18.00
3	2 NO	MCBH-20	1SFA 611 605 R1102	18.00
3	3 NC	MCBH-03	1SFA 611 605 R1130	26.00
3	3 NO	MCBH-30	1SFA 611 605 R1103	26.00
3	1 NO + 1 NC	MCBH-11	1SFA 611 605 R1111	18.00
3	1 NO + 2 NC	MCBH-12	1SFA 611 605 R1121	26.00
3	2 NO + 1 NC	MCBH-21	1SFA 611 605 R1112	26.00

For illuminated operators

3	1 LB	MCBH-001	—	19.50
3	1 NC + 1 LB	MCBH-011	1SFA 611 605 R1210	27.50
3	1 NO + 1 LB	MCBH-101	1SFA 611 605 R1201	27.50
3	1 NO + 1 NC + 1 LB	MCBH-111	1SFA 611 605 R1211	35.50
3	2 NC + 1 LB	MCBH-021	1SFA 611 605 R1220	35.50
3	2 NO + 1 LB	MCBH-201	1SFA 611 605 R1202	35.50

Single contact blocks for front mounting

Included blocks	Catalog No.	Ref. Code	List Price
1 NO	MCB-10	1SFA 611 610 R1001	\$ 8.00
1 NC	MCB-01	1SFA 611 610 R1010	8.00
1 NO with gold plated contacts	MCB-10G	1SFA 611 610 R1101	16.00
1 NC with gold plated contacts	MCB-01G	1SFA 611 610 R1110	16.00

Double contact block for front mounting

To be used together with MCBH5-00 when contact blocks in position 4- and 5- are needed.
Also when using MCBH-00 together with selector switch and contact block in position 3- is needed

Included blocks	Catalog No.	Ref. Code	List Price
2 NO	MCB-20	1SFA 611 610 R1002	\$ 16.00
2 NC	MCB-02	1SFA 611 610 R1020	
1 NO + 1 NC	MCB-11	1SFA 611 610 R1011	

Single lamp blocks for front mounting, Ba 9s base

Description	Catalog No.	Ref. Code	List Price
For max. 2 W, 230 V AC and DC filament bulb or LED	MLB-1	1SFA 611 620 R1001	\$ 17.50
115 V AC supply voltage. For 60 V filament bulb max. 1.2 W			
230 V AC supply voltage. For 130 V filament bulb max. 2 W	MLB-2	1SFA 611 620 R1002	21.50
115 V AC and DC supply voltage For 24 V LED	MLB-3	1SFA 611 620 R1003	21.50
24 V AC and DC supply voltage. With resistor. Intended for electronic circuits. The resistor limits the making current and protects against disturbances in the electronic circuit For 24 V filament bulb	MLB-4	1SFA 611 620 R1004	21.50
	MLB-5	1SFA 611 620 R1005	21.50

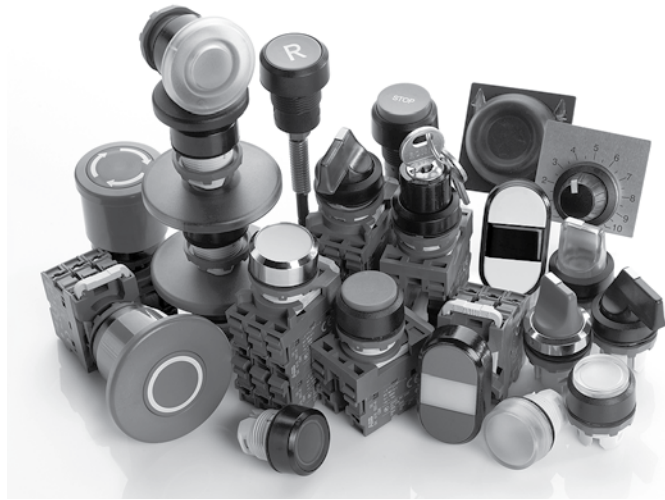
Holders

Description	Catalog No.	Ref. Code	List Price
Holders for front mounting			
For three blocks	MCBH-00	1SFA 611 605 R1100	\$ 2.00
For five blocks	MCBH5-00	1SFA 611 601 R1100	4.00

Modular range Pilot devices



Modular range
22mm



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General construction

- Snap-on feature reduces installation time
- Bezels: Black plastic, chrome metal. Grey plastic available as an option
- Contact block holder features rear mounting with quick-release locking mechanism for high security
- Buttons available in several colors
- Engraved text caps available
- Custom-specific markings on request
- UL File# E57057
- CSA File# LR19700

Operators

- Pushbuttons, illuminated and non-illuminated
- Double pushbuttons, illuminated and non-illuminated
- Mushroom pushbuttons, illuminated and non-illuminated, Ø 40 mm and Ø 60 mm
- Emergency stop pushbuttons, illuminated and non-illuminated, twist or pull release
- Selector switches, illuminated and non-illuminated, 2 or 3 position, short or long handle
- Key operated selector switches, 2 or 3 position
- Toggle switches, 2 or 3 position

Pilot lights

- Full voltage, resistor and transformer
- LED & filament bulbs available for illuminated pushbuttons and pilot lights

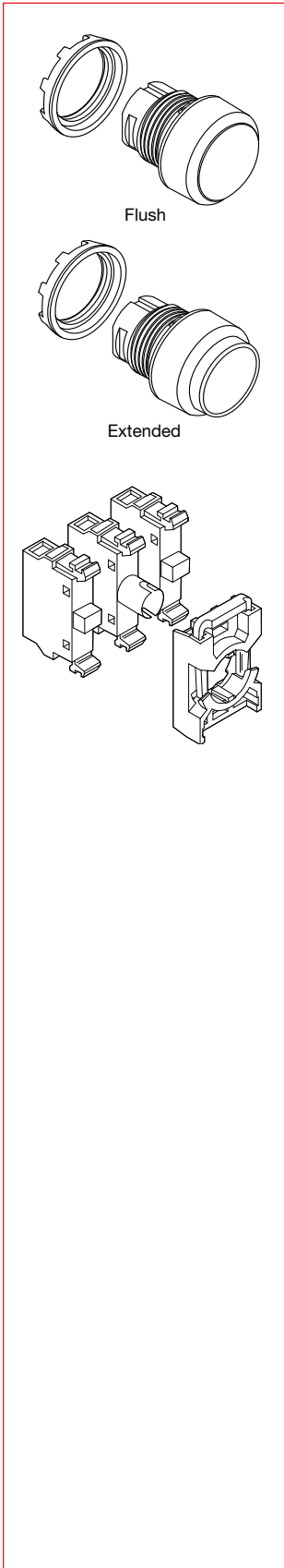
Contact blocks

- Quick-mount, quick-release contact block holder for fast and easy assembly
- NO & NC contact blocks are color coded for easy identification: Green = NO, Red = NC
- Silver tipped contacts
- Wiping action for high reliability
- Low energy gold plated contact blocks
- Base mounted contact blocks which snap onto a 35 mm DIN rail or into a plastic enclosure
- Contact block holder for three or five blocks in a single row

Additional products

- Buzzer, continuous and pulsating
- 5 kΩ and 10 kΩ potentiometers
- Definite purpose pushbuttons
- Reset pushbuttons
- Broad range of accessories

Pushbuttons Illuminated



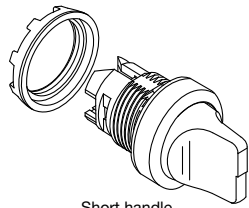
Pushbuttons, illuminated

Options	Catalog Number Characters																				List Price
Momentary Flush ①		M	P	1	-																\$ 6.10
Maintained Flush ①		M	P	2	-																17.30
Momentary Extended ①		M	P	3	-																6.10
Maintained Extended ①		M	P	4	-																17.30
Bezel, Black Plastic, with Holder					-	4															2.00
Bezel, Chrome Metal, with Holder					-	6															2.00
Illuminated without Lamp block ②					-		1														—
Lamp block, MLB-1, Bulb not Included					-		2														17.50
Lamp block, MLB-2, Bulb not Included					-		3														21.50
Lamp block, MLB-3, Bulb not Included					-		4														21.50
Lamp block, MLB-4, Bulb not Included					-		5														21.50
Lamp block, MLB-5, Bulb not Included					-		6														21.50
Button Color - Red					-			R													—
Button Color - Green					-			G													—
Button Color - Yellow					-			Y													—
Button Color - Blue					-			L													—
Button Color - White					-			W													—
Button Color - Clear					-			C													—
Contact Blocks, 1NO					-		1	0													8.00
Contact Blocks, 2NO					-		2	0													16.00
Contact Blocks, 3NO					-		3	0													24.00
Contact Blocks, 1NC					-		0	1													8.00
Contact Blocks, 2NC					-		0	2													16.00
Contact Blocks, 3NC					-		0	3													24.00
Contact Blocks, 1NO+1NC					-		1	1													16.00
Contact Blocks, 2NO+1NC					-		2	1													24.00
Contact Blocks, 1NO+2NC					-		1	2													24.00
Contact Blocks, 1NO, Gold					-		1	0	G												16.00
Contact Blocks, 2NO, Gold					-		2	0	G												32.00
Contact Blocks, 3NO, Gold					-		3	0	G												48.00
Contact Blocks, 1NC, Gold					-		0	1	G												16.00
Contact Blocks, 2NC, Gold					-		0	2	G												32.00
Contact Blocks, 3NC, Gold					-		0	3	G												48.00
Contact Blocks, 1NO+1NC, Gold					-		1	1	G												32.00
Contact Blocks, 2NO+1NC, Gold					-		2	1	G												48.00
Contact Blocks, 1NO+2NC, Gold					-		1	2	G												48.00
Filament Bulb 6V					-					F	6										6.00
Filament Bulb 12V					-					F	7										6.00
Filament Bulb 24V					-					F	8										6.00
Filament Bulb 30V					-					F	3	0									6.00
Filament Bulb 48V					-					F	9										6.00
Filament Bulb 60V					-					F	6	0									6.00
Filament Bulb 110V					-					F	1	1									6.00
Filament Bulb 130V					-					F	1										6.00
LED 12VDC					-					L	7										21.00
LED 24VAC/DC					-					L	8										15.00
LED 48VAC/DC					-					L	9										21.00
LED 60VAC/DC					-					L	6	0									21.00
LED 110-130VAC					-					L	1										15.00
LED 110-130VAC/DC					-					L	1	3									21.00
LED 230V					-					L	2										21.00
Transformer Block 110-127/6VBulb					-					T	1										41.00
Transformer Block 220-240/6VBulb					-					T	2										41.00
Transformer Block 380-420/6VBulb					-					T	3										41.00
Transformer Block 440-480/6VBulb					-					T	4										41.00
Transformer Block 500-600/6VBulb					-					T	5										41.00
Transformer Block 110-127/24VBulb					-					T	6										41.00
Transformer Block 220-240/24VBulb					-					T	7										41.00
Transformer Block 380-420/24VBulb					-					T	8										41.00
Transformer Block 440-480/24VBulb					-					T	9										41.00
Transformer Block 110-127/24VLED					-					T	L	1									50.00
Transformer Block 220-240/24VLED					-					T	L	2									50.00
Transformer Block 380-420/24VLED					-					T	L	3									50.00
Transformer Block 440-480/24VLED					-					T	L	4									50.00
Text Caps with Clear Lens Only					-				C							C	X	X③			0.90
5 Block Holder					-														5		4.00
30mm Black Plastic Adaptor Ring ④	G	1			-																8.00
30mm Chrome Metal Adaptor Ring ④	G	2			-																10.00

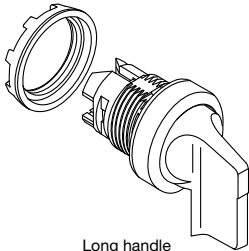
See catalog number explanation on page 4.

- ① No contact block in center position.
 ② No filament bulb, LED or transformer block can be combined with "Illuminated without Lamp block" selection.
 ③ Replace "XX" with text cap legends from pages 33 - 34.
 ④ For 30mm devices, use Discount Schedule CC

Selector switches, 3 position Illuminated ①



Short handle



Long handle

Maintained



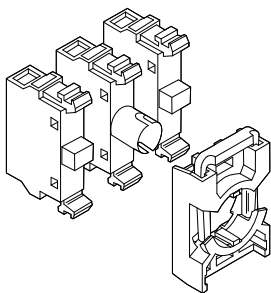
Momentary, spring return
from A to B and from C to B



Momentary, spring return
from C to B



Momentary, spring return
from A to B



Contact functions

Block positions as seen from operator front.

Handle position	Left block	Right block
A	X	O
B	O	O
C	O	X

O = not actuated (normal state)
X = actuated (changed state)

Center Position Connection Detail

See page 17.

Selector switches, 3 position, illuminated ①

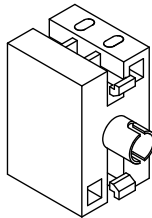
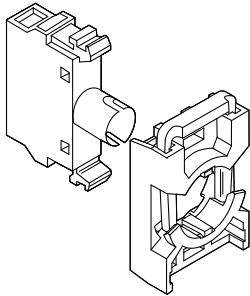
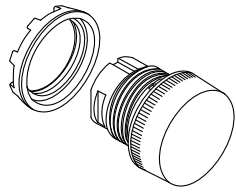
Option	Catalog number characters																List price
Short/3-Main			M	3	S	S	1	-									\$ 17.00
Short/Spring Return to B			M	3	S	S	2	-									26.00
Short/Main A&B/Spring Return C to B			M	3	S	S	3	-									26.00
Long/3-Main			M	3	S	S	4	-									17.00
Long/Spring Return to B			M	3	S	S	5	-									26.00
Long/Main A&B/Spring Return C to B			M	3	S	S	6	-									26.00
Short/Main B&C/Spring Return A to B			M	3	S	S	7	-									26.00
Long/Main B&C/Spring Return A to B			M	3	S	S	8	-									26.00
Bezel, Black Plastic, with Holder								4									2.00
Bezel, Chrome Metal, with Holder								6									2.00
Illuminated without Lamp Block ②								1									-
Lamp block, MLB-1, Bulb not Included								2									17.50
Lamp block, MLB-2, Bulb not Included								3									21.50
Lamp block, MLB-3, Bulb not Included								4									21.50
Lamp block, MLB-4, Bulb not Included								5									21.50
Lamp block, MLB-5, Bulb not Included								6									21.50
Switch Color - Red								R									-
Switch Color - Green								G									-
Switch Color - Yellow								Y									-
Switch Color - Blue								L									-
Switch Color - Clear								C									-
Contact Blocks, 1NO									1	0							8.00
Contact Blocks, 2NO									2	0							16.00
Contact Blocks, 3NO									3	0							24.00
Contact Blocks, 1NC									0	1							8.00
Contact Blocks, 2NC									0	2							16.00
Contact Blocks, 3NC									0	3							24.00
Contact Blocks, 1NO+1NC									1	1							16.00
Contact Blocks, 2NO+1NC									2	1							24.00
Contact Blocks, 1NO+2NC									1	2							24.00
Contact Blocks, 1NO, Gold									1	0	G						16.00
Contact Blocks, 2NO, Gold									2	0	G						32.00
Contact Blocks, 3NO, Gold									3	0	G						48.00
Contact Blocks, 1NC, Gold									0	1	G						16.00
Contact Blocks, 2NC, Gold									0	2	G						32.00
Contact Blocks, 3NC, Gold									0	3	G						48.00
Contact Blocks, 1NO+1NC, Gold									1	1	G						32.00
Contact Blocks, 2NO+1NC, Gold									2	1	G						48.00
Contact Blocks, 1NO+2NC, Gold									1	2	G						48.00
Filament Bulb, 6V											F	6					6.00
Filament Bulb, 12V											F	7					6.00
Filament Bulb, 24V											F	8					6.00
Filament Bulb, 30V											F	3	0				6.00
Filament Bulb, 48V											F	9					6.00
Filament Bulb, 60V											F	6	0				6.00
Filament Bulb, 110V											F	1	1				6.00
Filament Bulb, 130V											F	1					6.00
LED, 12VDC											L	7					21.00
LED, 24VAC/DC											L	8					15.00
LED, 48VAC/DC											L	9					21.00
LED, 60VAC/DC											L	6	0				21.00
LED, 110-130VAC											L	1					15.00
LED, 110-130VAC/DC											L	1	3				21.00
LED, 230VAC											L	2					21.00
Transformer Block, 110-127/6V, bulb 6V											T	1					41.00
Transformer Block, 220-240/6V, bulb 6V											T	2					41.00
Transformer Block, 380-420/6V, bulb 6V											T	3					41.00
Transformer Block, 440-480/6V, bulb 6V											T	4					41.00
Transformer Block, 500-600/6V, bulb 6V											T	5					41.00
Transformer Block, 110-127/24V, bulb 24V											T	6					41.00
Transformer Block, 220-240/24V, bulb 24V											T	7					41.00
Transformer Block, 380-420/24V, bulb 24V											T	8					41.00
Transformer Block, 440-480/24V, bulb 24V											T	9					41.00
Transformer Block, 110-127/24V, bulb 24V LED											T	L	1				50.00
Transformer Block, 220-240/24V, bulb 24V LED											T	L	2				50.00
Transformer Block, 380-420/24V, bulb 24V LED											T	L	3				50.00
Transformer Block, 440-480/24V, bulb 24V LED											T	L	4				50.00
5 Block Holder																5	4.00
30mm Black Plastic Adaptor Ring ③			G	1													8.00
30mm Chrome Metal Adaptor Ring ③			G	2													10.00

See catalog number explanation on page 4.

① No contact block in center position.
② No filament bulb, LED or transformer block can be combined with "Illuminated without Lamp block" selection.
③ For 30mm devices, use Discount Schedule CC.

Pilot lights

Pilot Devices
Modular Range
Assembled, 22mm



Pilot lights

Options	Catalog number characters													List price
Pilot Light with light diffusing lens		M	L	1	-									\$ 7.50
With Holder					-	2	0							2.00
Lens Color - Red					-		R							—
Lens Color - Green					-		G							—
Lens Color - Yellow					-		Y							—
Lens Color - Blue					-		L							—
Lens Color - White					-		W							—
Lens Color - Clear					-		C							—
Lamp block, MLB-1, Bulb not Included					-			1	0					17.50
Lamp block, MLB-2, Bulb not Included					-			2	0					21.50
Lamp block, MLB-3, Bulb not Included					-			3	0					21.50
Lamp block, MLB-4, Bulb not Included					-			0	1					21.50
Lamp block, MLB-5, Bulb not Included					-			0	2					21.50
Filament Bulb, 6V					-					F	6			6.00
Filament Bulb, 12V					-					F	7			6.00
Filament Bulb, 24V					-					F	8			6.00
Filament Bulb, 30V					-					F	3	0		6.00
Filament Bulb, 48V					-					F	9			6.00
Filament Bulb, 60V					-					F	6	0		6.00
Filament Bulb, 110V					-					F	1	1		6.00
Filament Bulb, 130V					-					F	1			6.00
LED, 12VDC					-					L	7			21.00
LED, 24VAC/DC					-					L	8			15.00
LED, 48VAC/DC					-					L	9			21.00
LED, 60VAC/DC					-					L	6	0		21.00
LED, 110-130VAC					-					L	1			15.00
LED, 110-130VAC/DC					-					L	1	3		21.00
LED, 230VAC					-					L	2			21.00
Transformer Block, 110-127V/6V, bulb 6V					-					T	1			41.00
Transformer Block, 220-240V/6V, bulb 6V					-					T	2			41.00
Transformer Block, 380-420/6V, bulb 6V					-					T	3			41.00
Transformer Block, 440-480/6V, bulb 6V					-					T	4			41.00
Transformer Block, 500-600/6V, bulb 6V					-					T	5			41.00
Transformer Block, 110-127/24V, bulb 24V					-					T	6			41.00
Transformer Block, 220-240/24V, bulb 24V					-					T	7			41.00
Transformer Block, 380-420/24V, bulb 24V					-					T	8			41.00
Transformer Block, 440-480/24V, bulb 24V					-					T	9			41.00
Transformer Block, 110-127/24V, bulb 24V LED					-					TL	1			50.00
Transformer Block, 220-240/24V, bulb 24V LED					-					TL	2			50.00
Transformer Block, 380-420/24V, bulb 24V LED					-					TL	3			50.00
Transformer Block, 440-480/24V, bulb 24V LED					-					TL	4			50.00
5 Block Holder					-								5	4.00
30mm Black Plastic Adaptor Ring ①	G	1			-									8.00
30mm Chrome Metal Adaptor Ring ①	G	2			-									10.00

See catalog number explanation on page 4.

① For 30mm devices, use Discount Schedule CC.