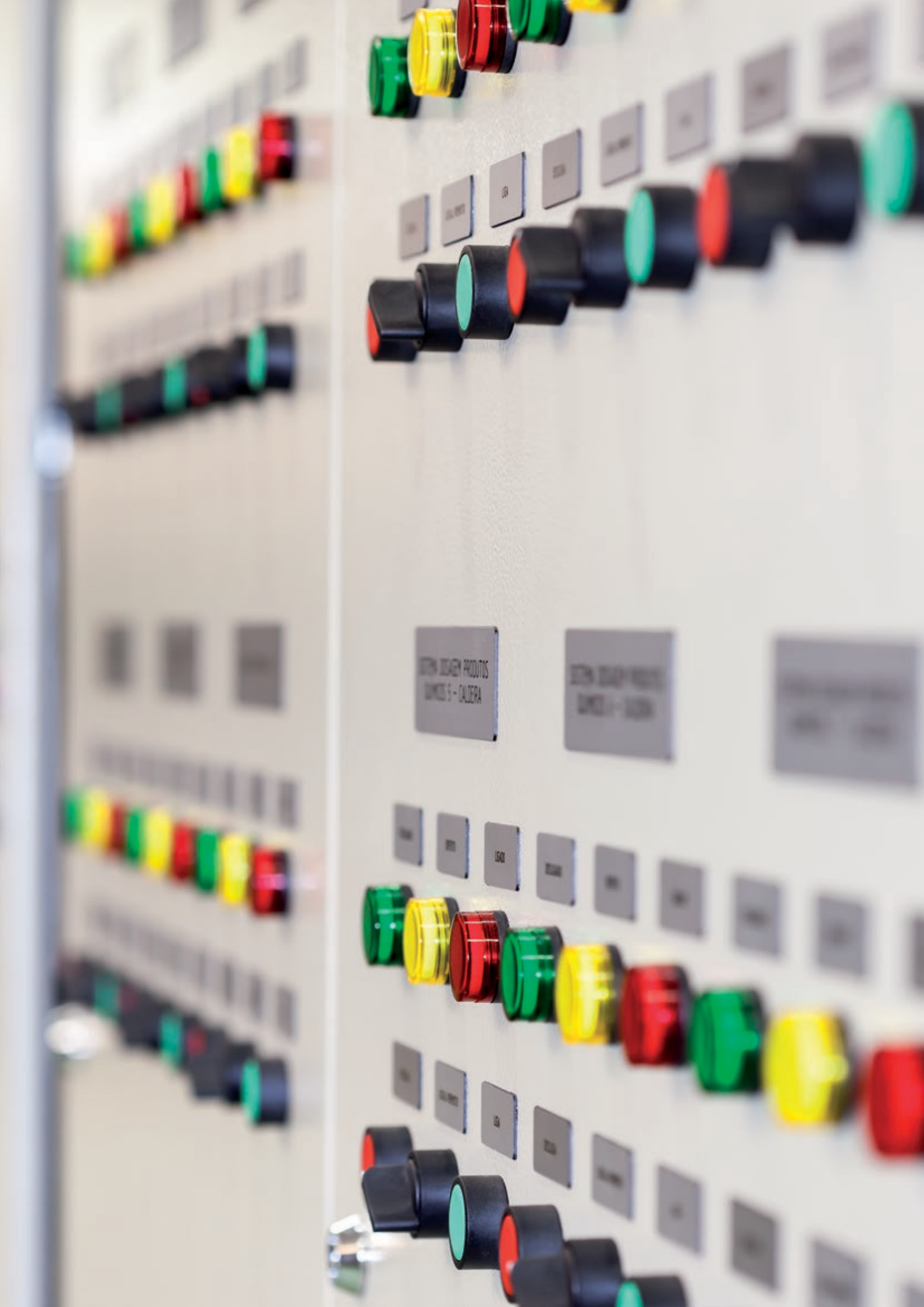


# Automation

## Pushbuttons and Pilot Lights CSW Line

The diagram illustrates the CSW Line of pushbuttons and pilot lights. It includes a central grid of 20 different button and light models in various colors and shapes. Above the grid are three electrical symbols: a stop button symbol, a power symbol, and a start button symbol. To the right is a color selection chart with 12 color swatches in two columns. Below the grid are two motor symbols labeled 'M' with '3' and a sine wave, connected to a central power source symbol. The Weq logo is in the bottom right corner.



# CSW Pushbuttons and Pilot Lights Line

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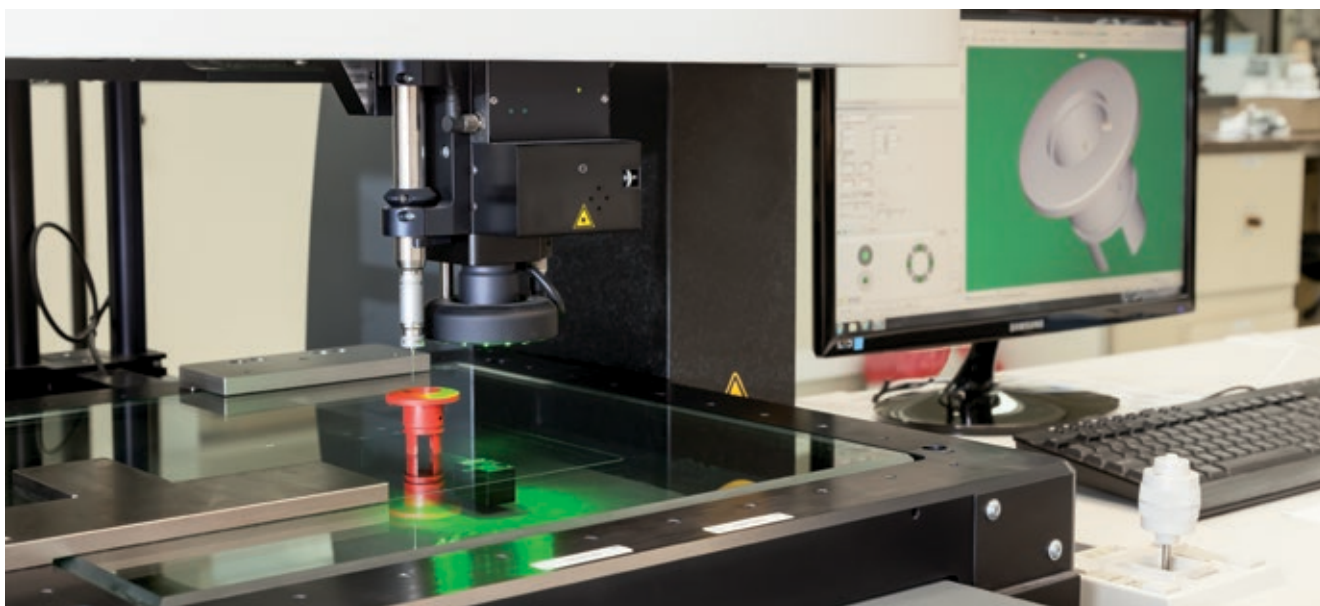
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## CSW Pushbuttons and Pilot Lights (Ø22 mm)

The CSW is a complete line of Pushbuttons, Selector Switches and Pilot Lights, dedicated for the operation of circuits for industrial applications. The high technology employed to the design and construction offers world class performance and durability.

### Careful Design and Construction

The CSW line products are manufactured with high-end non-flammable and UV ray protected materials to ensure safety in abnormal situations and reliable operation even in outdoor installations. All manufacturing process steps are performed by WEG, from the patterns design and production to the final product assembly and packaging. In CSW pushbuttons and pilot lights line you will find the same quality present in all WEG products.



### Safety and Reliability

The CSW line has, according to IEC, IP66 Degree of Protection (NEMA 4X), ensuring safety and reliability for the utilization in environments where contaminant agents, such as solid particles and moisture, are present. For additional protection for extremely harsh conditions, for example in the presence of chemical agents, a silicon protective cover is available as optional feature to suit the most demanding application requirements.

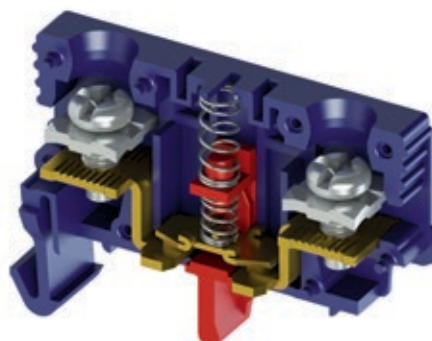
IP66



Totally insulated

### High Efficiency Sliding-Type and Self-Cleaning Contact Blocks

Silver alloy (Ag100) ensures, at the most varied applications, maximum reliability and the possibility of utilization in low signal control circuits (10 mA/17 V). Normally closed contacts with Positive Break construction system ensure the circuit interruption.



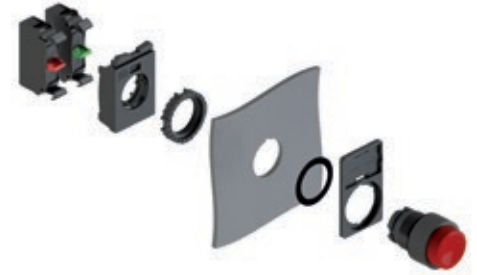
### Flexibility

The CSW design aims to meet the most diverse applications. For this reason, a wide range of accessories is available to suit the needs of panel shops and machine manufacturers. The pushbuttons and pilot lights are available with engraved caps and several color options. The selector switches, either illuminated or non-illuminated, are also available in several colors. Mounting accessories are available, such as adaptors from Ø30 mm to Ø22 mm, adaptors for DIN rail installation, emergency pushbuttons protection covers and legend plates, etc.



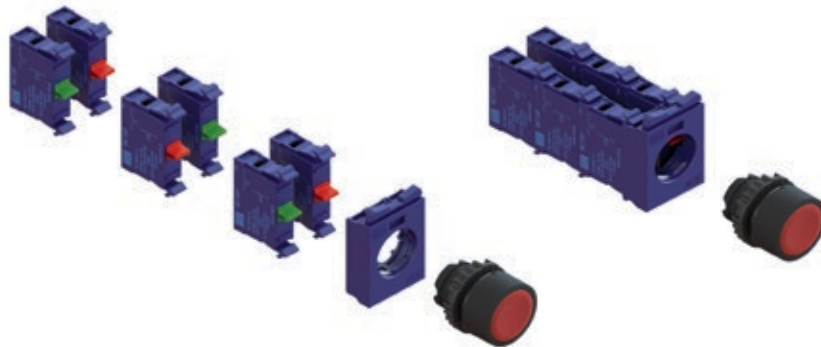
### Easy Assembly

The coupling system of blocks to frontal parts (pushbuttons, selector switches or pilot lights) is made by quick assembly using a dedicated mounting flanges. The flange mechanical system can be connected and removed in a simple and quick way without any tool. The blocks can be mounted or removed individually without interference to further ones. They can be quickly connected (only a click) and disconnected using a standard screwdriver.



### New Contact Blocks with Front-Back Assembly System

The new contact blocks can be front-back assembled on each other thanks to snap fits. This new mounting system allows greater flexibility on contact combination resulting in inventory reduction and makes the old double contact blocks no longer necessary. The new contact blocks are meant to be used only with the new flange model AF3F and both of them are easily identified by their blue color and new design which differentiates them from traditional black blocks and flanges.



### High Performance Illuminated Blocks

The CSW line features the BIDL (integrated LED illuminated blocks) which offer high efficiency - lumens/Watt - with low thermal dissipation and energy consumption. The integrated construction guarantees high resistance against vibrations and maintenance-free operation. Optionally, illumination blocks for Ba9s lamps (socket) are available.

### Decentralized Control Stations - PBW

WEG control stations and emergency stop stations, PBW line, are available for a wide range of applications meeting the most demanding requirements of quality, robustness and modular design. The PBW line has been developed meeting the requirements of international standards such as IEC 60947-5-1, IEC 50102, IEC 60529 and UL 508 and can be used with WEG current pushbuttons and signaling units (CSW series).



*IP66 degree of protection*

### Main Features and Benefits

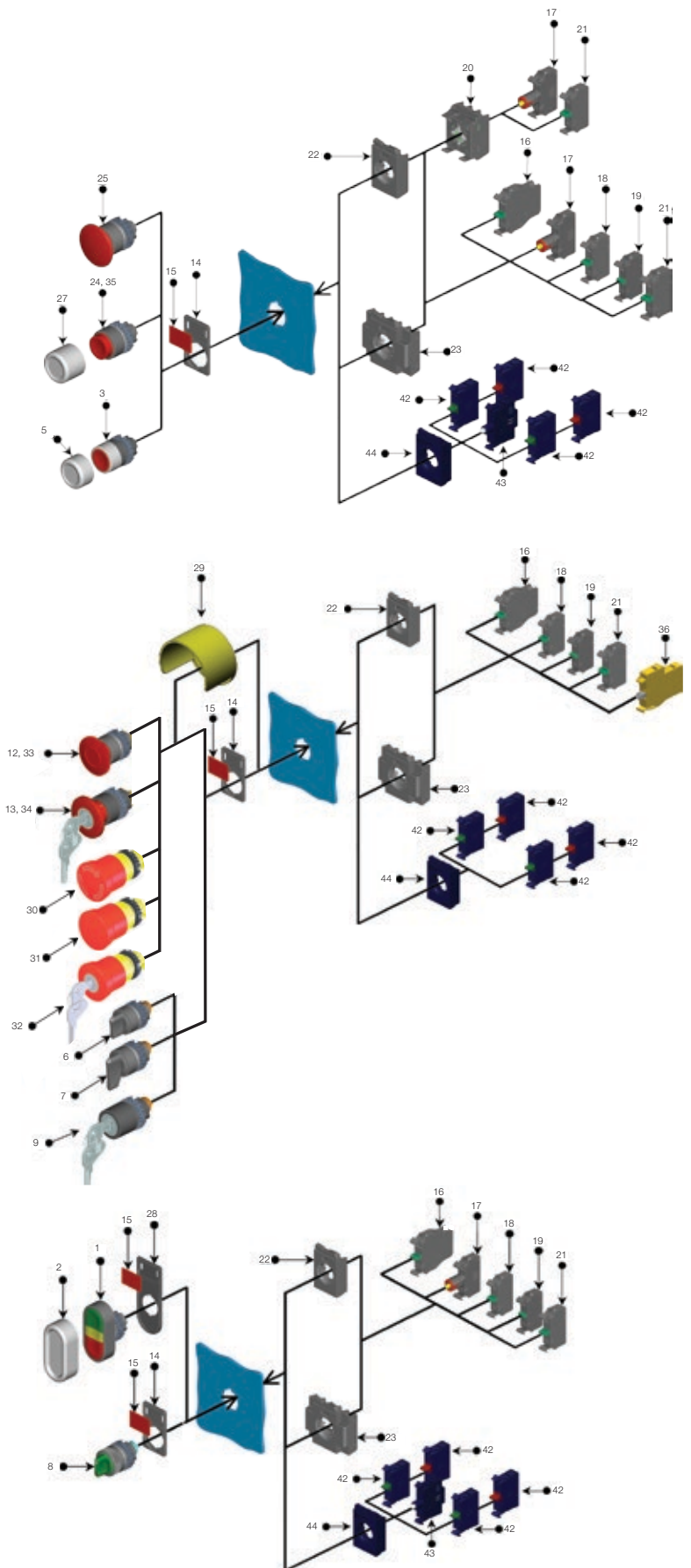
- IP66 degree of protection: accurate design combined with a special sealing gasket assures the degree of protection throughout product life cycle
- Several cable entries: knock-out type entries on the top, base and side, meeting different cable glands with different threads
- Exclusive ID plate holding system: integrated to the construction, allows for standard CSW legend
- Anti-loosening fixing screws: ensures safe and easy operations
- Premium polycarbonate construction: non-flammable and UV ray protected, its oversized thickness offers high mechanical resistance

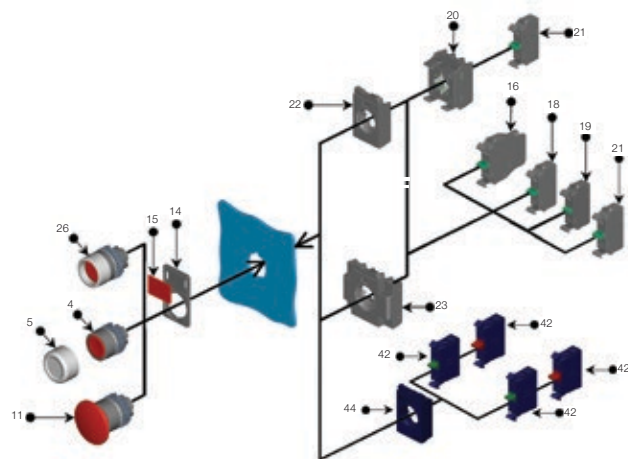
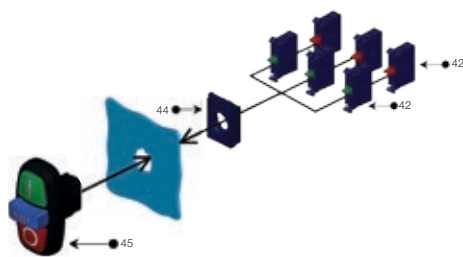
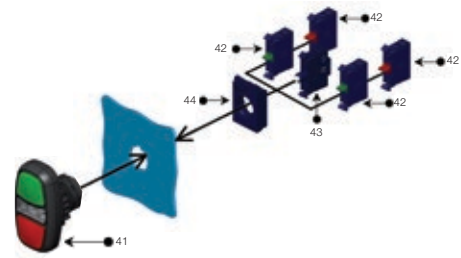
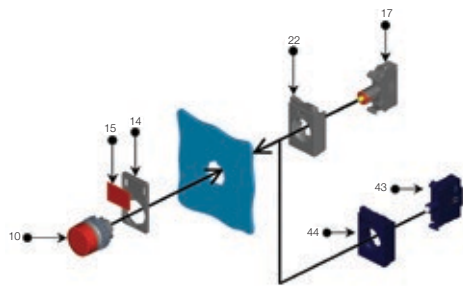
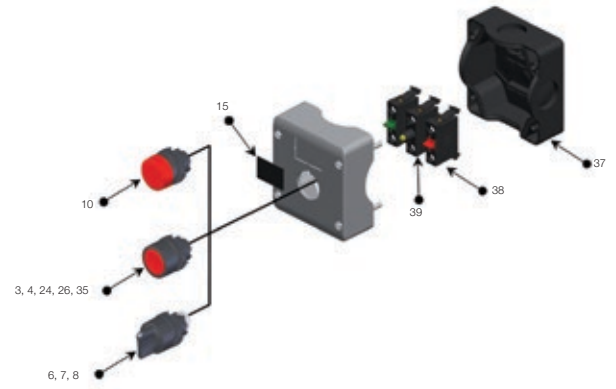
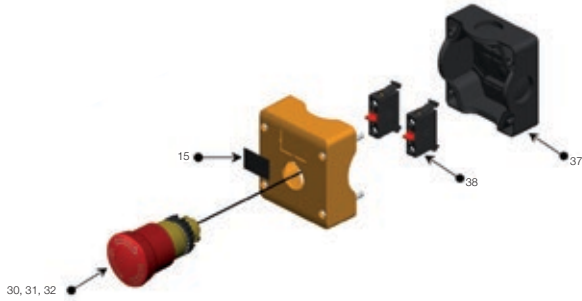


*Exclusive ID plate holding system*

# Overview








N°	Description
1	Double pushbutton BD
2	Protection cover for double pushbutton APBD
3	Flush illuminated pushbutton BFI
4	Flush pushbutton BF
5	Protection cover for flush pushbutton APBF
6	Selector switch knob CK
7	Selector switch lever CA
8	Illuminated selector switch CKI
9	Key switch CKY
10	Pilot light SD
11	Mushroom pushbutton BC
12	Emergency-stop pushbutton - twist release BEG
13	Emergency-stop pushbutton - key release BEY
14	Plate holder APP30
15	Legend plate AP30
16	Double contact block BC11/20/02 for flange mounting
17	LED block BIDL for flange mounting
18	Contact block BC01/BC10 for flange mounting
19	NCdb (late break) contact block BCR01 for flange mounting
20	Push-on / push-off block BR-3P for flange mounting
21	NOem (early make) contact block BCA10 for flange mounting
22	Flange - 3 positions AF3
23	Flange - 5 positions AF5
24	Illuminated extended pushbutton BSI
25	Illuminated mushroom pushbutton BCI
26	Guarded pushbutton BGA
27	Protection cover for BFI and BSI pushbuttons
28	Plate holder for double pushbutton APP60
29	Emergency pushbutton protection APEG
30	Emergency-stop pushbutton BESG - twist release
31	Emergency-stop pushbutton BESP - pull release
32	Emergency-stop pushbutton BESY - key release
33	Mushroom pushbutton - twist to release BCT
34	Mushroom pushbutton - key to release BCY
35	Extended pushbutton BS
36	Self-monitoring contact block NC BCM01 for flange mounting
37	Control station PBW
38	Contact block BC_B for base mounting
39	LED block for base mounting BILDB
40	Reset pushbutton with shaft BH
41	Double pushbutton CSW2-BD
42	Contact block BC_F - front-back assembly
43	LED block for flange mounting BIDLf
44	Flange - 3 positions AF3F - front-back assembly
45	Triple pushbutton CSW2-BT












## Pushbuttons - Ø22 mm - IP66





### Flush

Illustrative image	Color		Reference
 0.021 kg		White	CSW-BF0 WH
		Red	CSW-BF1 WH
		Green	CSW-BF2 WH
		Yellow	CSW-BF3 WH
		Blue	CSW-BF4 WH
		Black	CSW-BF5 WH





### Guarded

Illustrative image	Color		Reference
 0.022 kg		White	CSW-BGA0 WH
		Red	CSW-BGA1 WH
		Green	CSW-BGA2 WH
		Yellow	CSW-BGA3 WH
		Blue	CSW-BGA4 WH
		Black	CSW-BGA5 WH

### Extended<sup>1)</sup>

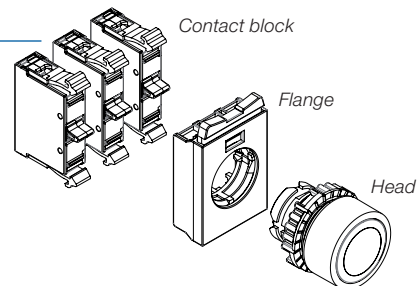
Illustrative image	Color		Reference
 0.021 kg		White	CSW-BS0 WH
		Red	CSW-BS1 WH
		Green	CSW-BS2 WH
		Yellow	CSW-BS3 WH
		Blue	CSW-BS4 WH
		Black	CSW-BS5 WH

### Mushroom - External Diameter: 40 mm<sup>1)</sup>

Illustrative image	Color		Reference
 0.024 kg		White	CSW-BC0 WH
		Red	CSW-BC1 WH
		Green	CSW-BC2 WH
		Yellow	CSW-BC3 WH
		Blue	CSW-BC4 WH
		Black	CSW-BC5 WH

### How to order<sup>2)</sup>


















- Head
- + Flange
- + Contact block



Notes: 1) Does not allow the use of contact blocks in the central position of the mounting flanges;  
 2) Check the maximum of recommended contact blocks for each head on pages 38 and 39.
















### Double Pushbutton<sup>1)</sup>

Illustrative image	Frontal	Color	Engraving	Reference	
	Flush		Green	I	CSW2-BDF2110 WH
	Flush		Red	0	
	Flush		Green	START	CSW2-BDF21SS WH
	Flush		Red	STOP	
	Flush		Green	Without engraved	CSW2-BDF21 WH
	Flush		Red	Without engraved	
	Flush		White	I	CSW2-BDF0510 WH
	Flush		Black	0	
	Flush		White	START	CSW2-BDF05SS WH
	Flush		Black	STOP	
	Flush		White	Without engraved	CSW2-BDF05 WH
	Flush		Black	Without engraved	
	Flush		Black	+	CSW2-BDF55PN WH
	Flush		Black	-	
	Flush		Black	↑	CSW2-BDF55FR WH
	Flush		Black	↓	

0.034 kg

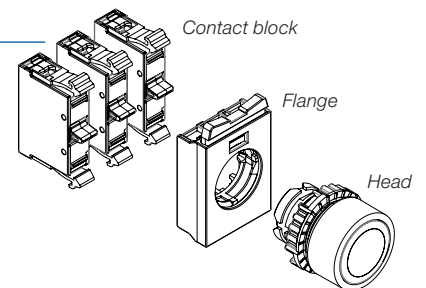
### Extended Double Pushbutton<sup>1)</sup>

Illustrative image	Frontal	Color	Engraving	Reference	
	Flush		Green	I	CSW2-BDS21 WH
	Extended		Red	0	
	Flush		Green	START	CSW2-BDS2110 WH
	Extended		Red	STOP	
	Flush		Green	Without engraved	CSW2-BDS21 WH
	Extended		Red	Without engraved	
	Flush		White	I	CSW2-BDS0510 WH
	Extended		Black	0	
	Flush		White	START	CSW2-BDS05SS WH
	Extended		Black	STOP	
	Flush		White	Without engraved	CSW2-BDS05 WH
	Extended		Black	Without engraved	

0.034 kg

### How to order<sup>2)</sup>

- Head
- + Flange
- + Contact block



Notes: 1) Does not allow the use of contact blocks in the central position of the mounting flanges;  
2) Check the maximum of recommended contact blocks for each head on pages 38 and 39.





# Pushbuttons - Ø22 mm - IP66

## Triple Pushbutton




Illustrative image	Frontal	Color	Engraving	Reference	
	Flush		Green	I	CSW-BTF212IIIS WH
	Extended		Red	STOP	
	Flush		Green	II	CSW2-BTF212RLS WH
	Extended		Red	STOP	
	Flush		Green	→	CSW2-BTF212FRS WH
	Extended		Red	STOP	
	Flush		Green	←	CSW2-BTF515FRS WH
	Extended		Red	STOP	
	Flush		Black	↑	CSW2-BTF212IIP WH
	Extended		Red	STOP	
	Flush		Black	↓	CSW2-BTF015FRS WH
	Extended		Red	STOP	
	Flush		Green	I	CSW2-BTF015RLS WH
	Extended		Red	PARO	
	Flush		Green	II	CSW2-BTF515PNS WH
	Extended		Red	STOP	
	Flush		White	↑	CSW2-BTF212PNS WH
	Extended		Red	STOP	
	Flush		Black	↓	CSW2-BTF515PNS WH
	Extended		Red	STOP	
	Flush		White	→	CSW2-BTF212PNP WH
	Extended		Red	PARO	
	Flush		White	←	CSW2-BTF241IORM WH
	Extended		Red	STOP	
	Flush		Green	+	CSW2-BTF241MPR WH
	Extended		Red	PARO	
	Flush		Green	-	CSW2-BTF540IOR WH
	Extended		Red	STOP	
	Flush		Blue	RESET	CSW2-BTF540SSR WH
	Extended		Red	STOP	
	Flush		Black	START	CSW2-BTF515PNP WH
	Extended		Red	PARO	
	Flush		Black	+	CSW2-BTF212FRP WH
	Extended		Red	PARO	
	Flush		Black	-	CSW2-BTF515FRP WH
	Extended		Red	PARO	
	Flush		Green	↑	CSW2-BTF515FRP WH
	Extended		Red	PARO	
	Flush		Green	↓	CSW2-BTF515FRP WH
	Extended		Red	PARO	
Flush		Black	↑	CSW2-BTF515FRP WH	
Extended		Red	PARO		
Flush		Black	↓	CSW2-BTF515FRP WH	
Extended		Red	PARO		

0.034 kg

### Triple Pushbutton

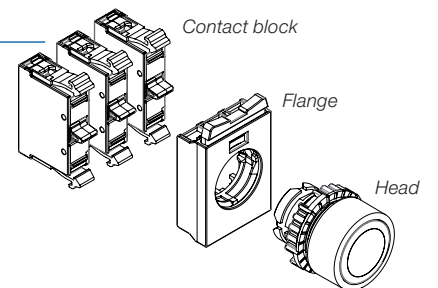
Illustrative image	Frontal	Color	Engraving	Reference	
 0.034 kg	Flush		White	↑	CSW2-BTF015FRP WH
	Extended		Red	PARO	
	Flush		Black	↓	
	Flush		Green	→	CSW2-BTF212RPL WH
	Extended		Red	PARO	
	Flush		Green	←	
	Flush		White	→	CSW2-BTF015RPL WH
	Extended		Red	PARO	
	Flush		Black	←	

### Extended Triple Pushbutton

Illustrative image	Frontal	Color	Engraving	Reference	
 0.034 kg	Flush		Green	I	CSW2-BTS24110R WH
	Extended		Blue	RESET	
	Extended		Red	O	
	Flush		Green	MARCHA	CSW2-BTS241MPR WH
	Extended		Blue	RESET	
	Extended		Red	PARO	

### How to order<sup>1)</sup>

- Head
- + Flange
- + Contact block







Note: 1) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

## Pushbuttons with Latch - Ø22 mm - IP66

### Emergency Pushbuttons with Latch (EN 418 and IEC 60947-5-5) - External Diameter: 42 mm

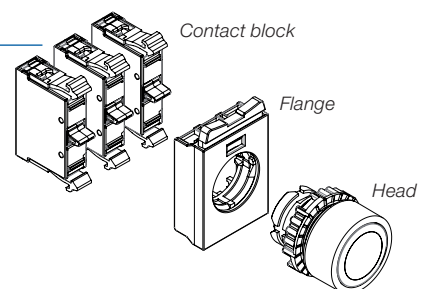
Illustrative image	Actuations	Signaling	Color		Reference
 0.049 kg	Pull to release	-		Red	CSW-BESP WH
 0.049 kg	Twist to release	-		Red	CSW-BESG WH
 0.114 kg	Key to release <sup>1)</sup>	-		Red	CSW-BESY WH
 0.049 kg	Pull to release	Lateral		Red	CSW-BESPS WH
 0.049 kg	Twist to release	Lateral		Red	CSW-BESGS WH
 0.114 kg	Key to release <sup>1)</sup>	Lateral		Red	CSW-BESYS WH

### Emergency Pushbuttons with Latch - External Diameter: 40 mm<sup>2)</sup>

Illustrative image	Actuations	Color		Reference
 0.027 kg	Twist to release		Red	CSW-BEG WH
 0.091 kg	With key <sup>1)</sup>		Red	CSW-BEY WH

#### How to order<sup>3)</sup>








- Head
- + Flange
- + Contact block










Notes: 1) Keys with different codes are available under request;  
 2) Does not allow the use of contact blocks in the central position of the mounting flanges;  
 3) Check the maximum of recommended contact blocks for each head on pages 38 and 39.



**Mushroom with Latch - Twist to Release - External Diameter: 40 mm<sup>1)</sup>**

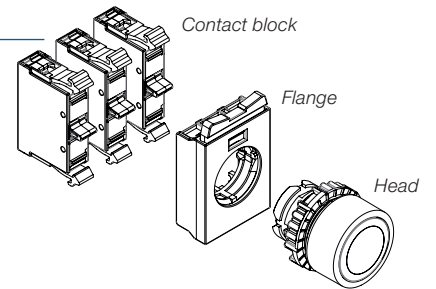
Illustrative image	Color		Reference
 0.027 kg		White	CSW-BCT0 WH
		Red	CSW-BCT1 WH
		Green	CSW-BCT2 WH
		Yellow	CSW-BCT3 WH
		Blue	CSW-BCT4 WH
		Black	CSW-BCT5 WH

**Mushroom with Key - External Diameter: : 40 mm<sup>1)</sup>**

Illustrative image	Color		Reference
 0.090 kg		White	CSW-BCY0 WH
		Red	CSW-BCY1 WH
		Green	CSW-BCY2 WH
		Yellow	CSW-BCY3 WH
		Blue	CSW-BCY4 WH
		Black	CSW-BCY5 WH

**How to order<sup>2)</sup>**


- Head
- + Flange
- + Contact block










Notes: 1) Does not allow the use of contact blocks in the central position of the mounting flanges;  
 2) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

## Illuminated Pushbuttons - Ø22 mm - IP66








### Flush<sup>1)</sup>

Illustrative image	Color		Reference
 0.021 kg		White	CSW-BF10 WH
		Red	CSW-BF11 WH
		Green	CSW-BF12 WH
		Yellow	CSW-BF13 WH
		Blue	CSW-BF14 WH
		Orange	CSW-BF16 WH <sup>2)</sup>

### Extended<sup>1)</sup>

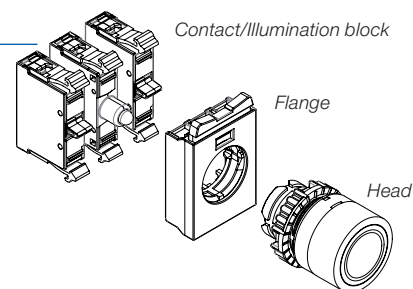
Illustrative image	Color		Reference
 0.021 kg		White	CSW-BS10 WH
		Red	CSW-BS11 WH
		Green	CSW-BS12 WH
		Yellow	CSW-BS13 WH
		Blue	CSW-BS14 WH
		Orange	CSW-BS16 WH <sup>2)</sup>

### Mushroom - External Diameter: Ø40 mm<sup>1)</sup>

Illustrative image	Color		Reference
 0.026 kg		White	CSW-BC10 WH
		Red	CSW-BC11 WH
		Green	CSW-BC12 WH
		Yellow	CSW-BC13 WH
		Blue	CSW-BC14 WH
		Orange	CSW-BC16 WH <sup>2)</sup>


















### How to order<sup>3)</sup>

- Head
- + Flange
- + Contact block
- + Illumination block
















Notes: 1) Does not allow the use of contact blocks in the central position of the mounting flanges;  
 2) For a better lighting performance, it is recommended the use of yellow LED blocks;  
 3) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

### Flush Double Pushbutton<sup>1)2)</sup>

Illustrative image	Frontal	Color	Engraving	Reference	
	Flush		Green	I	CSW2-BDFI2110 WH
	Flush		Red	O	
	Flush		Green	START	CSW2-BDFI21SS WH
	Flush		Red	STOP	
	Flush		Green	Without Engraved	CSW2-BDFI21 WH
	Flush		Red	Without Engraved	
	Flush		White	I	CSW2-BDFI0510 WH
	Flush		Black	O	
	Flush		White	START	CSW2-BDFI05SS WH
	Flush		Black	STOP	
	Flush		White	Without Engraved	CSW2-BDFI05 WH
	Flush		Black	Without Engraved	
	Flush		Black	+	CSW2-BDFI55PN WH
	Flush		Black	-	
	Flush		Black	↑	CSW2-BDFI55FR WH
	Flush		Black	↓	

0.025 kg

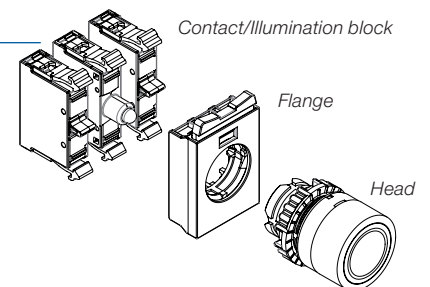
### Extended Double Pushbutton<sup>1)2)</sup>

Illustrative image	Frontal	Color	Engraving	Reference	
	Flush		Green	I	CSW2-BDSI2110 WH
	Extended		Red	O	
	Flush		Green	START	CSW2-BDSI21SS WH
	Extended		Red	STOP	
	Flush		Green	Without engraved	CSW2-BDSI21 WH
	Extended		Red	Without engraved	
	Flush		White	I	CSW2-BDSI0510 WH
	Extended		Black	O	
	Flush		White	START	CSW2-BDSI05SS WH
	Extended		Black	STOP	
	Flush		White	Without engraved	CSW2-BDSI05 WH
	Extended		Black	Without engraved	

0.025 kg

### How to order<sup>3)</sup>









- Head
- + Flange
- + Contact block
- + Illumination block



Notes: 1) Does not allow the use of contact blocks in the central position of the mounting flanges;  
 2) Allows illumination only through LED block models CSW-BIDLF...;  
 3) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

## Illuminated Pushbuttons - Ø22 mm - IP40

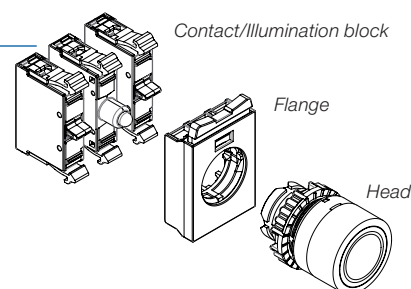
### Flush Double Pushbutton - Degree of Protection IP40<sup>1)2)3)</sup>

Illustrative image	Color	Engraving	Reference	
		Green	I	CSW-BD WH
		Red	O	
		Green	START	CSW-BD21SS WH
		Red	STOP	
		Green	Without engraved	CSW-BD21 WH
		Red	Without engraved	
		White	I	CSW-BD05IO WH
		Black	O	
		White	START	CSW-BD05SS WH
		Black	STOP	
		White	Without engraved	CSW-BD05 WH
		Black	Without engraved	
		Black	+	CSW-BD55PN WH
		Black	-	
	Black	↑	CSW-BD55FR WH	
	Black	↓		

0.030 kg







#### How to order<sup>5)</sup>

- Head
- + Flange
- + Contact block
- + Illumination block



## Pilot Lights - Ø22 mm - IP66

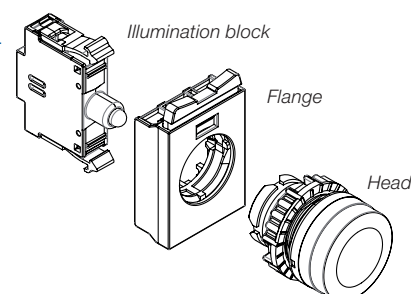
### Pilot Lights

Illustrative image	Color	Reference	
		White	CSW-SD0 WH
		Red	CSW-SD1 WH
		Green	CSW-SD2 WH
		Yellow	CSW-SD3 WH
		Blue	CSW-SD4 WH
		Orange	CSW-SD6 WH <sup>4)</sup>

0.016 kg

#### How to order<sup>5)</sup>

- Head
- + Flange
- + Illumination block








- Notes: 1) Allows illumination through LED or lamp block;  
 2) Does not allow the use of contact blocks in the central position of the mounting flanges;  
 3) To increase the Degree of Protection, use the APBD silicon protective cover;  
 4) For a better lighting performance, it is recommended the use of yellow LED blocks;  
 5) Check the maximum of recommended contact blocks for each head on pages 38 and 39.








## 2 Positions Selectors - Ø22 mm - IP66

### Knob

Illustrative image	Position	Diagram	Selector angle	Color <sup>1)</sup>		Reference	
 0.025 kg		Fixed	1	45°	●	Black	CSW-CK2F45 WH
		With return	1	45°	●	Black	CSW-CK2R45 WH
		Fixed	1	90°	●	Black	CSW-CK2F90 WH
			2	90°	●	Black	CSW-CK2F90W WH
		With return	1	90°	●	Black	CSW-CK2R90 WH

### Lever

Illustrative image	Position	Diagram	Selector angle	Color <sup>1)</sup>		Reference	
 0.025 kg		Fixed	1	45°	●	Black	CSW-CA2F45 WH
		With return	1	45°	●	Black	CSW-CA2R45 WH
		Fixed	1	90°	●	Black	CSW-CA2F90 WH
			2	90°	●	Black	CSW-CA2F90W WH
		With return	1	90°	●	Black	CSW-CA2R90 WH

### With Key<sup>2)3)</sup>






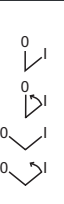

Illustrative image	Position	Diagram	Selector angle	Color <sup>1)</sup>		Reference	
 0.087 kg		Fixed	1	45°	●	Black	CSW-CY2F45 WH
		With return	1	45°	●	Black	CSW-CY2R45 WH
		Fixed	1	90°	●	Black	CSW-CY2F90 WH
			2	90°	●	Black	CSW-CY2F90W WH
		With return	1	90°	●	Black	CSW-CY2R90 WH

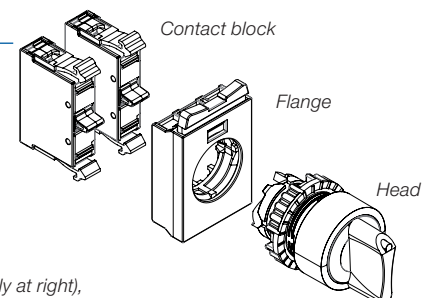
Diagram 1					Diagram 2					Flanges				
	Handle position	Mounting position in the flange						Mounting position in the flange						
				-	2	3		1	-		-	2	3	1
		4	2	5	1	3		4	2	5	1	3	5P	
	0	□	□	-	□	□		0	■	■	-	□	□	
	I	■	■	-	■	■		I	□	□	-	■	■	

### Legend

- Contacts in the rest position.
- Contacts operated.

### How to order<sup>4)</sup>


- Head
- + Flange
- + Contact block



- Notes: 1) Selector switches in other colors are available under request;  
 2) Keys with different codes are available under request;  
 3) Key is released in any position. For key release in specific positions, please replace CY by: CYD (only at right), CYE (only at left) and CYC (only at center);  
 4) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

## 3 Positions Selectors - Ø22 mm - IP66

### Knob

Illustrative image	Position	Diagram	Selector angle	Color <sup>1)</sup>		Reference	
 0.025 kg	I 0 II	Fixed	1	45°	●	Black	CSW-CK3F45 WH
			2	45°	●	Black	CSW-CK3F45ZB WH
			3	45°	●	Black	CSW-CK3F45U WH
	I 0 II	With return	1	45°	●	Black	CSW-CK3R45 WH
			2	45°	●	Black	CSW-CK3R45ZB WH
			3	45°	●	Black	CSW-CK3R45U WH
	I 0 II	With return from the right	1	45°	●	Black	CSW-CK3RD45 WH
	I 0 II	With return from the left	1	45°	●	Black	CSW-CK3RE45 WH

### Lever


Illustrative image	Position	Diagram	Selector angle	Color <sup>1)</sup>		Reference	
 0.025 kg	I 0 II	Fixed	1	45°	●	Black	CSW-CA3F45 WH
			2	45°	●	Black	CSW-CA3F45ZB WH
			3	45°	●	Black	CSW-CA3F45U WH
	I 0 II	With return	1	45°	●	Black	CSW-CA3R45 WH
			2	45°	●	Black	CSW-CA3R45ZB WH
			3	45°	●	Black	CSW-CA3R45U WH
	I 0 II	With return from the right	1	45°	●	Black	CSW-CA3RD45 WH
	I 0 II	With return from the left	1	45°	●	Black	CSW-CA3RE45 WH

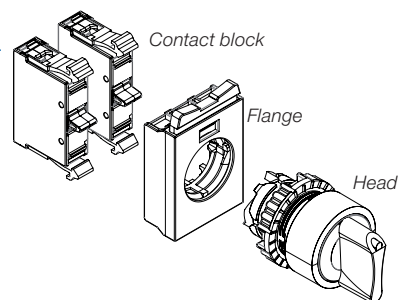
Diagram 1					Diagram 2					Diagram 3					Flanges						
I 0 II	Handle position	Mounting position in the flange					I 0 II	Handle position	Mounting position in the flange					I 0 II		Handle position	Mounting position in the flange				
		-	2	3	1	-			-	2	3	1	-		-		2	3	1	-	
I		■	■				I		■	■				I		■	■				3P
0				-			0				-			0				■	■		5P
II					■	■	II		■	■				II		■	■				

### Legend

- Contacts in the rest position.
- Contacts operated.
- ▣ Contact block is operating at half stroke, position that keeps both NO and NC contacts OPEN.

### How to order<sup>4)</sup>

- Head
- + Flange
- + Contact block



Notes: 1) Selector switches in other colors are available under request;  
 2) Keys with different codes are available under request;  
 3) Key is released in any position. For key release in specific positions, please replace CY by: CYD (only at right), CYE (only at left) and CYC (only at center);  
 4) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

**With Key<sup>2)3)</sup>**


















Illustrative image	Position	Diagram	Selector angle	Color <sup>1)</sup>		Reference	
 <p>0.087 kg</p>		Fixed	1	45°	●	Black	CSW-CY3F45 WH
			2	45°	●	Black	CSW-CY3F45ZB WH
			3	45°	●	Black	CSW-CY3F45U WH
		With return	1	45°	●	Black	CSW-CY3R45 WH
			2	45°	●	Black	CSW-CY3R45ZB WH
			3	45°	●	Black	CSW-CY3R45U WH
		With return from the right	1	45°	●	Black	CSW-CY3RD45 WH
	With return from the left	1	45°	●	Black	CSW-CY3RE45 WH	

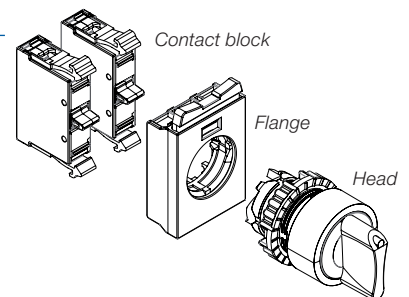
Diagram 1					Diagram 2					Diagram 3					Flanges						
	Handle position	Mounting position in the flange						Handle position	Mounting position in the flange							Handle position	Mounting position in the flange				
		-	2	3	1	-			-	2	3	1	-		-		2	3	1	-	
	I	■	■					I	▣	▣					I	▣	▣				3P
	0			-				0			-				0			-	▣	▣	5P
	II				■	■		II	■	■		■	■		II	■	■		■	■	

**Legend**

- Contacts in the rest position.
- Contacts operated.
- Contact block is operating at half stroke, position that keeps both NO and NC contacts OPEN.

**How to order<sup>4)</sup>**



- Head
- + Flange
- + Contact block



Notes: 1) Selector switches in other colors are available under request;  
 2) Keys with different codes are available under request;  
 3) Key is released in any position. For key release in specific positions, please replace CY by: CYD (only at right), CYE (only at left) and CYC (only at center);  
 4) Check the maximum of recommended contact blocks for each head on pages 38 and 39.

# Illuminated Selectors - Ø22 mm - IP66

## 2 Positions Illuminated Selectors

Illustrative image	Position		Diagram	Selector angle	Color		Reference
 0.020 kg		Fixed	1	90°	○	White	CSW-CKI2F900 WH
					●	Red	CSW-CKI2F901 WH
					●	Green	CSW-CKI2F902 WH
					●	Yellow	CSW-CKI2F903 WH
					●	Blue	CSW-CKI2F904 WH

## 3 Positions Illuminated Selectors






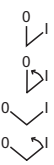
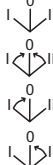
Illustrative image	Position		Diagram	Selector angle	Color		Reference
 0.020 kg		Fixed	2	45°	○	White	CSW-CKI3F450 WH
					●	Red	CSW-CKI3F451 WH
					●	Green	CSW-CKI3F452 WH
					●	Yellow	CSW-CKI3F453 WH
					●	Blue	CSW-CKI3F454 WH
		With return	2	45°	○	White	CSW-CKI3R450 WH
					●	Red	CSW-CKI3R451 WH
					●	Green	CSW-CKI3R452 WH
					●	Blue	CSW-CKI3R454 WH
		With return from the right	2	45°	○	White	CSW-CKI3RD450 WH
					●	Red	CSW-CKI3RD451 WH
					●	Green	CSW-CKI3RD452 WH
					●	Blue	CSW-CKI3RD454 WH
		With return from the left	2	45°	○	White	CSW-CKI3RE450 WH
					●	Red	CSW-CKI3RE451 WH
					●	Green	CSW-CKI3RE452 WH
●					Blue	CSW-CKI3RE454 WH	

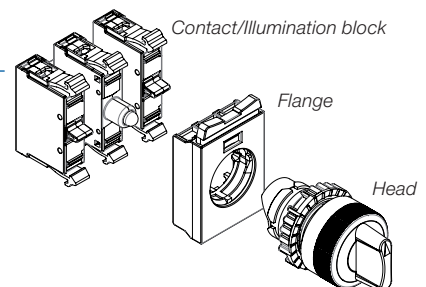
Diagram 1						Diagram 2						Flange	
	Handle position	Mounting position in the flange						Handle position	Mounting position in the flange				
			0	-	2	3			1	-		-	2
	I	4	2	5	1	3		4	2	5	1	3	5P
	0	□	□	☼	□	□	I	■	■	□	□	□	
	I	■	■	□	■	■	0	□	□	☼	□	□	
							II	□	□		■	■	

### Legend

- Contacts in the rest position.
- Contacts operated.
- ☼ Mounting position for LED blocks in illuminated switches.

### How to order<sup>1)</sup>

- Head
- + Flange
- + Contact block
- + Illumination block




Note: 1) Check the maximum of recommended contact blocks for each head on pages 38 and 39.




## Assembled Units - Ø22 mm


### Pushbuttons

Illustrative image	Description	Reference	Weight (kg)
	Flush pushbutton - Black - 1NO	CSW-BF5-10000000-3VF	0.041
	Flush pushbutton - Blue - Engraved "RESET" - 1NO	CSW-BF437-10000000-3VF	
	Flush pushbutton - Blue - 1NO	CSW-BF4-10000000-3VF	
	Flush pushbutton - Yellow - 1NO	CSW-BF3-10000000-3VF	
	Flush pushbutton - Green - 1NO	CSW-BF2-10000000-3VF	
	Flush pushbutton - Red - 1NC	CSW-BF1-01000000-3VF	
	Mushroom pushbutton - Green - 1NO	CSW-BC2-10000000-3VF	0.044
	Mushroom pushbutton - Red - 1NC	CSW-BC1-01000000-3VF	
	Emergency pushbutton - Red - twist to release - 3NC self-monitoring	CSW-BESG-00000003	0.277
	Emergency pushbutton - Red - twist to release - 2NC self-monitoring	CSW-BESG-00000002	0.204
	Emergency pushbutton - Red - twist to release - 1NC self-monitoring	CSW-BESG-00000001	0.077
	Emergency pushbutton - Red - pull to release - 1NC self-monitoring	CSW-BESP-00000001	
	Emergency pushbutton - Red - twist to release - 1NC	CSW-BESG-01000000-3VF	0.074
	Emergency pushbutton - Red - pull to release - 1NC	CSW-BESP-01000000-3VF	
	Illuminated double pushbutton IP40 - Green (Engraved "I") and Red (Engraved "O") - 1NO + 1NC	CSW-BD-11000000-3VF	0.055
	Illuminated double pushbutton IP66 - Green (Engraved "I") and Red (Engraved "O") - 1NO + 1NC	CSW2-BDF2110-11000000-3VF	


### Illuminated Pushbuttons

Illustrative image	Description	Reference	Weight (kg)
	Illuminated double pushbutton IP40 - Green (Engraved "I") and Red (Engraved "O") - 220-240 V ac - 1NO + 1NC	CSW-BD-11000000-FD661-3VF	0.055
	Illuminated double pushbutton IP40 - Green (Engraved "I") and Red (Engraved "O") - 110-130 V ac - 1NO + 1NC	CSW-BD-11000000-FD611-3VF	
	Illuminated double pushbutton IP40 - Green (Engraved "I") and Red (Engraved "O") - 125 V dc - 1NO + 1NC	CSW-BD-11000000-FC131-3VF	
	Illuminated double pushbutton IP40 - Green (Engraved "I") and Red (Engraved "O") - 24 V ac/dc - 1NO + 1NC	CSW-BD-11000000-FE261-3VF	
	Illuminated double pushbutton IP66 - Green (Engraved "I") and Red (Engraved "O") - 220-240 V ac - 1NO + 1NC	CSW2-BDFI2110-11000000-FD661-3VF	
	Illuminated flush pushbutton - Red - 220-240 V ac - 1NC	CSW-BF11-01000000-FD66-3VF	0.054
	Illuminated flush pushbutton - Red - 24 V ac/dc - 1NC	CSW-BF11-01000000-FE26-3VF	
	Illuminated flush pushbutton - Green - 220-240 V ac - 1NO	CSW-BF12-10000000-FD66-3VF	
	Illuminated flush pushbutton - Green - 24 V ac/dc - 1NO	CSW-BF12-10000000-FE26-3VF	
	Illuminated flush pushbutton - Yellow - 24 V ac/dc - 1NO	CSW-BF13-10000000-FE26-3VF	
	Illuminated extended pushbutton - Blue - 24 V ac/dc - 1NO	CSW-BF14-10000000-FE26-3VF	
	Illuminated extended pushbutton - Green - 220-240 V ac - 1NO	CSW-BSI2-10000000-FD66-3VF	

### Reset Pushbutton with Shaft


Illustrative image	Description	Reference	Weight (kg)
	Flush pushbutton - blue - engraved reset - with shaft. Length: max. 250 mm and min. 22.5 mm	CSW-BHF437	0.045

### Emergency Pushbuttons with Decentralized Control Station


	PBW control station	Pushbuttons	Contact blocks	Plate	Reference	Weight (kg)
	Yellow - 1 hole	Emergency stop CSW-BESG	1NO + 1NC	Red engraved "EMERGENCY STOP"	PBW1Y-G11 P03	0.212
	Yellow - 1 hole	Emergency stop CSW-BESGS	1NC	Black engraved "PARADA DE EMERGENCIA"	PBW1Y-GS01 P222	0.201

## Assembled Units - Ø22 mm


### Selector Switches

Illustrative image	Description	Reference	Weight (kg)
	Selector switch knob - 2 fixed positions - 45° - 1NO	CSW-CK2F45-10000000-3VF	0.046
	Selector switch knob - 2 fixed positions - 90° - 1NO + 1NC	CSW-CK2F90-11000000-3VF	0.057
	Selector switch knob - 2 fixed positions - 90° - 1NO	CSW-CK2F90-10000000-3VF	0.046
	Selector switch knob - 2 fixed positions - 90° - 2NO	CSW-CK2F90-20000000-3VF	0.057
	Selector switch knob - 2 fixed positions - 45° - 1NO + 1NC	CSW-CK2F45-11000000-3VF	
	Selector switch knob - 3 positions with return - 45° - 2NO	CSW-CK3R45-20000000-3VF	
	Selector switch knob - 3 fixed positions - 45° - 2NO	CSW-CK3F45-20000000-3VF	

### Illuminated Selector Switches


Illustrative image	Description	Reference	Weight (kg)
	Illuminated selector switch - red - 2 fixed positions - 90° - 1NO - 220-240 V ac	CSW-CKI2F901-10000000-FD66-3VF	0.053
	Illuminated selec. switch - green- 2 fixed positions - 90° - 1NO - 220-240 V ac	CSW-CKI2F902-10000000-FD66-3VF	
	Illuminated selec. switch - green- 2 fixed positions - 90° - 1NO - 110-130 V ac	CSW-CKI2F902-10000000-FD61-3VF	
	Illuminated selector switch - red - 2 fixed positions - 90° - 1NO - 110-130 V ac	CSW-CKI2F901-10000000-FD61-3VF	0.063
	Illuminated selector switch - red - 2 fixed positions - 90° - 2NO - 220-240 V ac	CSW-CKI2F901-20000000-FD66-3VF	
	Illuminated selector switch - red - 2 fixed positions - 90° - 1NO - 24 V ac/dc	CSW-CKI2F901-10000000-FE26-3VF	0.053
	Illuminated selector switch - red - 2 fixed positions - 90° - 1NC - 220-240 V ac	CSW-CKI2F901-10000000-FD66-3VF	
	Illuminated selec. switch - green- 2 fixed positions - 90° - 1NO - 24 V ac/dc	CSW-CKI2F902-10000000-FE26-3VF	0.063
	Illuminated selector switch - red - 3 fixed positions - 45° - 2NO - 110-130 V ac	CSW-CKI3F451-20000000-FD61-3VF	
	Illuminated selec. switch - green- 3 fixed positions - 45° - 2NO - 110-130 V ac	CSW-CKI3F452-20000000-FD61-3VF	
	Illuminated selec. switch - green- 3 fixed positions - 45° - 2NO - 24 V ac/dc	CSW-CKI3F452-20000000-FE26-3VF	
	Illuminated selector switch - red - 3 fixed positions - 45° - 1NO + 1NC - 220-240 V ac	CSW-CKI3R451-11000000-FD66-3VF	
	Illuminated selector switch - red - 3 fixed positions - 45° - 2NO - 220-240 V ac	CSW-CKI3F451-20000000-FD66-3VF	
	Illuminated selec. switch - green- 3 fixed positions - 45° - 2NO - 220-240 V ac	CSW-CKI3F452-20000000-FD66-3VF	

### Pilot Lights

Illustrative image	Description	Reference	Weight (kg)
	Pilot Light - 24 V ac/dc - White	CSW-SD0-FE26-3VF	0.039
	Pilot Light - 24 V ac/dc - Red	CSW-SD1-FE26-3VF	
	Pilot Light - 24 V ac/dc - Green	CSW-SD2-FE26-3VF	
	Pilot Light - 24 V ac/dc - Yellow	CSW-SD3-FE26-3VF	
	Pilot Light - 24 V ac/dc - Blue	CSW-SD4-FE26-3VF	
	Pilot Light - 24 V ac/dc - Orange	CSW-SD6-FE26-3VF	
	Pilot Light - 48 V ac/dc - White	CSW-SD0-FE27-3VF	
	Pilot Light - 48 V ac/dc - Red	CSW-SD1-FE27-3VF	
	Pilot Light - 48 V ac/dc - Green	CSW-SD2-FE27-3VF	
	Pilot Light - 48 V ac/dc - Yellow	CSW-SD3-FE27-3VF	
	Pilot Light - 48 V ac/dc - Blue	CSW-SD4-FE27-3VF	
	Pilot Light - 48 V ac/dc - Orange	CSW-SD6-FE27-3VF	
	Pilot Light - 110-130 V ac/dc - White	CSW-SD0-FD61-3VF	
	Pilot Light - 110-130 V ac/dc - Red	CSW-SD1-FD61-3VF	
	Pilot Light - 110-130 V ac/dc - Green	CSW-SD2-FD61-3VF	
	Pilot Light - 110-130 V ac/dc - Yellow	CSW-SD3-FD61-3VF	
	Pilot Light - 110-130 V ac/dc - Blue	CSW-SD4-FD61-3VF	
	Pilot Light - 110-130 V ac/dc - Orange	CSW-SD6-FD61-3VF	
	Pilot Light - 125 V dc - White	CSW-SD0-FC13-3VF	
	Pilot Light - 125 V dc - Red	CSW-SD1-FC13-3VF	
	Pilot Light - 125 V dc - Green	CSW-SD2-FC13-3VF	
	Pilot Light - 125 V dc - Yellow	CSW-SD3-FC13-3VF	
	Pilot Light - 125 V dc - Blue	CSW-SD4-FC13-3VF	
	Pilot Light - 125 V dc - Orange	CSW-SD6-FC13-3VF	
	Pilot Light - 220-240 V ac - White	CSW-SD0-FD66-3VF	
	Pilot Light - 220-240 V ac - Red	CSW-SD1-FD66-3VF	
	Pilot Light - 220-240 V ac - Green	CSW-SD2-FD66-3VF	
	Pilot Light - 220-240 V ac - Yellow	CSW-SD3-FD66-3VF	
	Pilot Light - 220-240 V ac - Blue	CSW-SD4-FD66-3VF	
	Pilot Light - 220-240 V ac - Orange	CSW-SD6-FD66-3VF	




## Accessories - Mounting in Flanges - Blue

### Blue Flange<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 0.010 kg <sup>2)</sup>	3-position mounting flange for blue contact blocks Allows the mounting of extras contact blocks due to front-back system (page 5)	1 piece	AF3F
		10 pieces	AF3FX10

































Front-Back System

### Contact Blocks<sup>1)</sup>

Illustrative image	Contacts	Diagram	Standard packing	Compatible flange	Reference
 0.015 kg <sup>2)</sup>	1NO		1 piece	AF3F	BC10F-CSW
			10 pieces		BC10F-CSWX10
	1NC		1 piece		BC01F-CSW
			10 pieces		BC01F-CSWX10

Front-Back System



### Illumination Blocks with Integrated LED<sup>1)2)</sup>

Illustrative image	Voltage	Color	Diagram	Standard packing	Compatible flange	Reference
 0.016 kg	12 V ac/dc	 White		1 piece	AF3F	CSW-BIDLF-0E25
		 Red				CSW-BIDLF-1E25
		 Green				CSW-BIDLF-2E25
		 Yellow				CSW-BIDLF-3E25
		 Blue				CSW-BIDLF-4E25
	24 V ac/dc	 White				CSW-BIDLF-0E26
		 Red				CSW-BIDLF-1E26
		 Green				CSW-BIDLF-2E26
		 Yellow				CSW-BIDLF-3E26
		 Blue				CSW-BIDLF-4E26
	48 V ac/dc	 White				CSW-BIDLF-0E27
		 Red				CSW-BIDLF-1E27
		 Green				CSW-BIDLF-2E27
		 Yellow				CSW-BIDLF-3E27
		 Blue				CSW-BIDLF-4E27
	110-130 V ac	 White				CSW-BIDLF-0D61
		 Red				CSW-BIDLF-1D61
		 Green				CSW-BIDLF-2D61
		 Yellow				CSW-BIDLF-3D61
		 Blue				CSW-BIDLF-4D61
	220-240 V ac	 White				CSW-BIDLF-0D66
		 Red				CSW-BIDLF-1D66
		 Green				CSW-BIDLF-2D66
		 Yellow				CSW-BIDLF-3D66
 Blue		CSW-BIDLF-4D66				
125 V dc	 White	CSW-BIDLF-0C13				
	 Red	CSW-BIDLF-1C13				
	 Green	CSW-BIDLF-2C13				
	 Yellow	CSW-BIDLF-3C13				
	 Blue	CSW-BIDLF-4C13				






Notes: 1) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue;  
 2) Unitary weight.

## Accessories - Mounting in Flanges - Black





### Black Flanges<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 0.010 kg <sup>3)</sup>	3-position mounting flange for black frontal contact blocks	5 pieces	AF3
 0.015 kg <sup>3)</sup>	5-position mounting flange for black frontal contact blocks	5 pieces	AF5


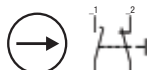
### Contact Blocks<sup>1)</sup>

Illustrative image	Contacts	Diagram	Standard packing	Compatible flange	Reference
 0.015 kg <sup>3)</sup>	1NO		10 pieces	AF3 AF5	BC10-CSW
	1NC				BC01-CSW
	1NOe (early make)		1 piece		BCA10-CSW
	1NCdb (late break)		1 piece		BCR01-CSW

### Doubles Contact Blocks<sup>1)</sup>

Illustrative image	Contacts	Diagram	Standard packing	Compatible flange	Reference
 0.019 kg <sup>3)</sup>	1NO + 1NC		10 pieces	AF3 AF5	BC11-CSW
	2NO		10 pieces		BC20-CSW
	2NC		1 piece		BC02-CSW

### Self-Monitoring Contact Block for CSW-BES Emergency Pushbuttons<sup>1)2)</sup>

Illustrative image	Contacts	Diagram	Standard packing	Compatible flange	Reference
 0.015 kg	1NC		1 piece	AF3	BCM01-CSW

































Notes: 1) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue;

2) The NO contact close when assembled correctly in the flange;


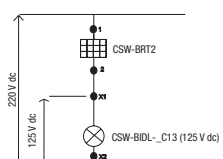
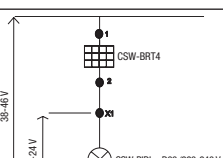
3) Unitary weight.

## Accessories - Mounting in Flanges - Black

### Illumination Blocks with Integrated LED<sup>1)2)3)</sup>

Illustrative image	Voltage	Color	Diagram	Standard packing	Compatible flange	Reference
 <p>0.016 kg</p>	12 V ac/dc	 White		1 piece	AF3 AF5	CSW-BIDL-0E25
		 Red				CSW-BIDL-1E25
		 Green				CSW-BIDL-2E25
		 Yellow				CSW-BIDL-3E25
		 Blue				CSW-BIDL-4E25
	24 V ac/dc	 White				CSW-BIDL-0E26
		 Red				CSW-BIDL-1E26
		 Green				CSW-BIDL-2E26
		 Yellow				CSW-BIDL-3E26
		 Blue				CSW-BIDL-4E26
	48 V ac/dc	 White				CSW-BIDL-0E27
		 Red				CSW-BIDL-1E27
		 Green				CSW-BIDL-2E27
		 Yellow				CSW-BIDL-3E27
		 Blue				CSW-BIDL-4E27
	110-130 V ac	 White				CSW-BIDL-0D61
		 Red				CSW-BIDL-1D61
		 Green				CSW-BIDL-2D61
		 Yellow				CSW-BIDL-3D61
		 Blue				CSW-BIDL-4D61
	220-240 V ac	 White				CSW-BIDL-0D66
		 Red				CSW-BIDL-1D66
		 Green				CSW-BIDL-2D66
		 Yellow				CSW-BIDL-3D66
 Blue		CSW-BIDL-4D66				
125 V dc	 White	CSW-BIDL-0C13				
	 Red	CSW-BIDL-1C13				
	 Green	CSW-BIDL-2C13				
	 Yellow	CSW-BIDL-3C13				
	 Blue	CSW-BIDL-4C13				

### Voltage Reduction Blocks<sup>1)2)</sup>



Illustrative image	Description	U <sub>e</sub>	Diagram	Standard packing	Compatible flange	Reference
 <p>0.016 kg</p>	For use with Integrated LED blocks models: CSW-BIDL-_C13 (125 V dc)	220 V dc		1 piece	AF3 AF5	CSW-BRT2
	For use with Integrated LED blocks models: CSW-BIDL-_D66 (220-240 V dc)	380-460 V ac				CSW-BRT4

Notes: 1) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue;


2) Not compatible with Double pushbuttons CSW2-BD...;

3) For 220 V dc or 380-460 V ac, please refer to the BRT Voltage Reduction Block.



### Ba9s Socket Lamp Block<sup>1)2)</sup>

Illustrative image	Description	Diagram	Standard packing	Compatible flange	Reference
 <p>0.013 kg</p>	<ul style="list-style-type: none"> <li>- For lamps with Ba9s socket</li> <li>- Maximum voltage 380 V (2 W)</li> <li>- Direct V ac/dc</li> <li>- Lamp not included</li> </ul>		1 piece	AF3 AF5	CSW-BID


### Lamps Ba9s<sup>1)2)</sup>

Illustrative image	Voltage	Standard packing	Reference
 <p>0.005 kg<sup>3)</sup></p>	6 V ac/dc	25 pieces	L6VI-E48-0,6 W
	12 V ac/dc	25 pieces	L12VI-E25-1,8 W
	24 V ac/dc	25 pieces	L24VI-E26-2 W
	48 V ac/dc	25 pieces	L48VI-E27-2 W
	60 V ac/dc	25 pieces	L60VI-E28-1,2 W
	130 V ac/dc	25 pieces	L130VI-E30-2 W
	220 V ac/dc	25 pieces	L220VI-E31-2 W


### Illumination Block with Lamp + Resistor + Diode<sup>1)2)</sup>

Illustrative image	Description	Diagram	Standard packing	Compatible flange	Reference
 <p>0.016 kg</p>	<ul style="list-style-type: none"> <li>- Block voltage: 220 - 240 V ac</li> <li>- Includes 120/130 V incandescent lamp</li> <li>- Ba9s socket</li> </ul>		1 piece	AF3 AF5	CSW-BIRD-D66


### Ba9s Lamps Extraction Tool

Illustrative image	Description	Standard packing	Reference
 <p>0.008 kg</p>	Ba9s lamps extraction tool of illumination blocks	1 piece	ACEF

### ID Plate<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 <p>0.005 kg</p>	Plastic blank ID plate for flange contact blocks	10 pieces	APN

### Push-on/Push-off Block<sup>1)2)</sup>

Illustrative image	Description	Standard packing	Compatible flange	Reference
 <p>0.019 kg</p>	Push-on/Push-off block for: CSW-BF, CSW-BFI, CSW-BS, CSW-BSI, CSW-BGA, CSW-BC, CSW-BCI. Note: use only with the following contact blocks: <ul style="list-style-type: none"> <li>- BC01 (1NC);</li> <li>- BCA10 (1NO early-make);</li> <li>- BC02 (2NC).</li> </ul>	1 piece	AF3	CSW-BR-3P

Notes: 1) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue;

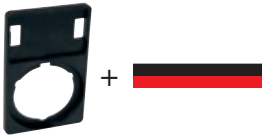
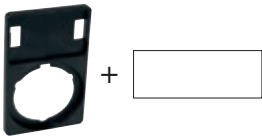

2) Not compatible with double pushbuttons CSW2-BD;

3) Unitary weight.




## Accessories - Mounting in Flanges - Blue and Black

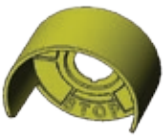
### Plate Holder and Plastic Legend Plate Set<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 0.004 kg <sup>2)</sup>	Plate holder and plastic legend plate set (27 x 18 mm, no engraved, red and black colored) for pilot lights, single pushbuttons and selector switches.	5 pieces	APP30
	Plate holder and plastic legend plate set (27 x 18 mm, no engraved, red and black colored) for double pushbuttons CSW-BD. Not compatible with CSW2-BD.	5 pieces	APP60
 0.004 kg <sup>2)</sup>	Plate holder and plastic legend plate set (27 x 18 mm, no engraved, translucent) for pilot lights, single pushbuttons and selector switches.	5 pieces	APP30T
	Plate holder and plastic legend plate set (27 x 18 mm, no engraved, translucent) for double pushbuttons CSW-BD. Not compatible with CSW2-BD.	5 pieces	APP60T
 0.004 kg <sup>2)</sup>	Plate holder (27 x 18 mm) for pilot lights, single pushbuttons and selector switches.	5 pieces	PP30-CSW
	Plate holder (27 x 18 mm) for double pushbuttons CSW-BD. Not compatible with CSW2-BD.	5 pieces	PP60-CSW

### Emergency-Stop Plate<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 0.009 kg <sup>2)</sup>	Legend plate for emergency pushbutton. Text: English	5 pieces	APE-02
	Legend plate for emergency pushbutton. Text: Spanish-English	5 pieces	APE-03


### Emergency Pushbutton Protection<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 0.042 kg	Emergency protection to avoid accidental touches at the emergency pushbutton	1 piece	APEG




Notes: 1) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue;  
2) Unitary weight.


### DIN Rail Adaptor<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 <p>0.033 kg</p>	<p>Allows 1 pushbutton/pilot light/selector switch to be mounted in a 35 mm DIN Rail.</p> <p>Note: does not allow the use of the following accessories:</p> <ul style="list-style-type: none"> <li>- Double contact blocks (BC11-CSW, BC20-CSW y BC02-CSW)</li> <li>- Self-monitored contact block (BCM01-CSW)</li> <li>- Push-on/Push-off block (CSW-BR-3P)</li> <li>- 5 positions mounting flange</li> </ul>	1 piece	DRCSWA

### Reduction Ring<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 <p>0.030 kg</p>	Reduction ring from Ø30 mm to Ø22 mm	1 piece	AR30

### Plastic Shaft<sup>1)</sup>

Illustrative image	Description	Standard packing	Reference
 <p>0.018 kg</p>	250 mm length plastic shaft to use with pushbuttons to reset overload relays	1 piece	SH250

Note: 1) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue.

## Accessories - Mounting in Flanges - Blue and Black

### APP30 Plate Holder and 27 x 18 mm Engraved Plastic Legend Plate Set<sup>1)3)</sup>

For use with single pushbuttons, pilot lights and selector switches;



+

**MANUAL**

Standard packing  
5 pieces

0.015 kg<sup>4)</sup>

Pushbuttons and pilot lights							
Reference	Engraving	Reference	Engraving	Reference	Engraving	Reference	Engraving
APP30-204	HAND	APP30-208	RIGHT	APP30-215	AVANÇO	APP30-229	SUBIR
APP30-205	AUTO	APP30-209	LEFT	APP30-216	RECUO	APP30-230	BAJAR
APP30-18 <sup>2)</sup>	STOP	APP30-210	INCH	APP30-125	LIGA	APP30-231	ADELANTE
APP30-11	OPEN	APP30-03 <sup>2)</sup>	EMERGENCY STOP	APP30-120	DESLIGA	APP30-232	REGRESO
APP30-01	CLOSE	APP30-05	JOG	APP30-123	EM OPERAÇÃO	APP30-233	PARO
APP30-19	UP	APP30-06	JOG FORWARD	APP30-217	INICIAR	APP30-234	MARCHA
APP30-02	DOWN	APP30-07	JOG REVERSE	APP30-218	RÁPIDO	APP30-218	RÁPIDO
APP30-04	FORWARD	APP30-08	LOWER	APP30-219	DEVAGAR	APP30-235	DESPACIO
APP30-15	REVERSE	APP30-13	RAISE	APP30-220	DIREITA	APP30-236	DERECHA
APP30-10	ON	APP30-147	FAULT	APP30-221	ESQUERDA	APP30-237	IZQUIERDA
APP30-132	OFF	APP30-129	MANUAL	APP30-222	PARADA DE EMERGENCIA	APP30-238	BAJADA
APP30-12	POWER ON	APP30-52	AUTOMÁTICO	APP30-223	ABAIXAR	APP30-239	SUBIDA
APP30-14	RESET	APP30-134	PARADA	APP30-224	LEVANTAR	APP30-240	FALLA
APP30-17	START	APP30-211	ABRIR	APP30-225	FALHA	APP30-201	0
APP30-16	RUN	APP30-212	FECHAR	APP30-226	AUTOMÁTICA	APP30-202	I
APP30-206	FAST	APP30-213	ACIMA	APP30-211	ABRIR	APP30-203	II
APP30-207	SLOW	APP30-214	ABAIXO	APP30-228	CERRAR		

2-position selector switches							
Reference	Engraving	Reference	Engraving	Reference	Engraving	Reference	Engraving
APP30-21	HAND AUTO	APP30-24	OFF ON	APP30-28	UP DOWN	APP30-244	AVANÇO RECUO
APP30-27	START STOP	APP30-25	OPEN CLOSE	APP30-23	MAN AUTO	APP30-39	DES LIG
APP30-20	FOR REV	APP30-26	RUN JOG	APP30-243	LIGA DESLIGA	APP30-250	PARO ARRANQUE
APP30-22	JOG RUN						


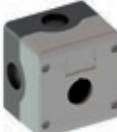




3-position selector switches							
Reference	Engraving	Reference	Engraving	Reference	Engraving	Reference	Engraving
APP30-30	FOR OFF REV	APP30-35	UP OFF DOWN	APP30-257	ABERTO 0 AUTO	APP30-261	SUBIR 0 REGRESSO
APP30-32	MAN OFF AUTO	APP30-149	AUTO 0 REV	APP30-258	ABERTO 0 FECHADO	APP30-262	AUTO 0 REGRESSO
APP30-33	OPEN OFF AUTO	APP30-255	AVANÇO 0 RECUO	APP30-190	SOBE 0 DESCE	APP30-253	I 0 II
APP30-34	OPEN OFF CLOSE	APP30-256	MANUAL 0 AUTO	APP30-260	AUTO 0 REVERSO		

Pushbuttons with double							
Reference	Engraving	Reference	Engraving	Reference	Engraving	Reference	Engraving
APP30-36	ON/OFF	APP30-38	UP/DOWN	APP30-247	ACIMA/ABAIXO	APP30-251	ABRIR/CERRAR
APP30-37	OPEN/CLOSE	APP30-246	ABRIR/FECHAR	APP30-248	LIGA/PARO	APP30-252	SUBIR/BAJAR

Notes: 1) Other engraving options under request. APP60 legend plates are also available under request;  
 2) Red plate engraved in white;  
 3) Not compatible with the PBW control stations line. For control stations accessories, please refer to the page 31 and 32 of this catalogue;  
 4) Unitary weight.




## Decentralized Control Stations and Accessories

### Decentralized Control Stations - Hole Ø22 mm<sup>1)</sup>

Illustrative image	Number of holes	Color		Standard packing	Reference
		Cover	Base		
 0.114 kg	1	Yellow	Black	1 piece	PBW-1Y
 0.114 kg					PBW-1
 0.152 kg	2	Gray			PBW-2
 0.185 kg	3				PBW-3
 0.215 kg	4				PBW-4
 0.276 kg	6				PBW-6

## Accessories - Mounting in Control Stations

### Contact Block<sup>2)</sup>

Illustrative image	Description	Contacts	Diagram	Standard packing	Reference
 0.015 kg <sup>3)</sup>	Single contact blocks to mounting in control stations or DIN rail 35 mm	1NO		1 piece	BC10B-CSW
				10 pieces	BC10B-CSWX10
		1NC		1 piece	BC01B-CSW
				10 pieces	BC01B-CSWX10

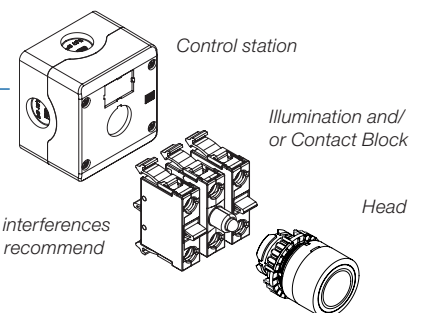
### How to order

- Head
- + Illumination or/and Contact Block
- + Control station

Notes: 1) Compatible with all single of the CSW line pushbuttons, selector switches and pilot lights. To avoid interferences and ensure the performance when use a mushroom pushbutton beside another pushbutton, WEG recommend maintaining an empty hole between the pushbuttons. To close the hole use the ATR accessory;

































2) Blocks specific for mounting in base or PBW plastic control stations or DIN rail 35mm;

3) Unitary weight.



## Accessories - Mounting in Control Stations

### Illumination Blocks with Integrated LED<sup>1)</sup>

Illustrative image	Voltage	Color	Diagram	Standard packing	Reference
	12 V ac/dc	 White		1 piece	CSW-BIDLB-0E25
		 Red			CSW-BIDLB-1E25
		 Green			CSW-BIDLB-2E25
		 Yellow			CSW-BIDLB-3E25
		 Blue			CSW-BIDLB-4E25
	24 V ac/dc	 White			CSW-BIDLB-0E26
		 Red			CSW-BIDLB-1E26
		 Green			CSW-BIDLB-2E26
		 Yellow			CSW-BIDLB-3E26
		 Blue			CSW-BIDLB-4E26
	48 V ac/dc	 White			CSW-BIDLB-0E27
		 Red			CSW-BIDLB-1E27
		 Green			CSW-BIDLB-2E27
		 Yellow			CSW-BIDLB-3E27
		 Blue			CSW-BIDLB-4E27
	110-130 V ac	 White			CSW-BIDLB-0D61
		 Red			CSW-BIDLB-1D61
		 Green			CSW-BIDLB-2D61
		 Yellow			CSW-BIDLB-3D61
		 Blue			CSW-BIDLB-4D61
	220-240 V ac	 White			CSW-BIDLB-0D66
		 Red			CSW-BIDLB-1D66
		 Green			CSW-BIDLB-2D66
		 Yellow			CSW-BIDLB-3D66
		 Blue			CSW-BIDLB-4D66
	125 V dc	 White			CSW-BIDLB-0C13
		 Red			CSW-BIDLB-1C13
		 Green			CSW-BIDLB-2C13
 Yellow		CSW-BIDLB-3C13			
 Blue		CSW-BIDLB-4C13			



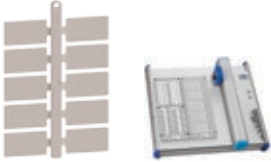
0.016 kg




Note: 1) Blocks specific for mounting in base or PBW plastic control stations.

## Common Accessories - Mounting in Flanges or Control Stations


### Plastic Legend Plates

Illustrative image	Description	Standard packing	Reference
 0.006 kg <sup>2)</sup>	Black and red legend plates 27 x 18 mm without engraved	5 pieces	AP30
 0.006 kg <sup>2)</sup>	Translucent legend plates 27x18 mm without engraved	5 pieces	AP30T
 0.081 kg <sup>2)</sup>	White legend plates 27 x 18 mm, to use with plate holder PP30, PP60 or control stations PBW. Allows for engraving with WEG's Plotter PWA3 y PWA4 Note: edition software compatible from version: SB-PW_setup5.0.0056_121012.	15 charts with 10 plates	CAP30

### Emergency-Stop Plate

Illustrative image	Description	Standard packing	Reference
 0.009 kg	Legend plate for emergency pushbutton. Text: Portuguese	5 pieces	APEC
	Legend plate for emergency pushbutton. Text: English	5 pieces	APEC-02
	Legend plate for emergency pushbutton. Text: Spanish	5 pieces	APEC-03








### Fixing Ring Tool

Illustrative image	Description	Standard packing	Reference
 0.017 kg	Tool for the insertion/removal of the CSW pushbuttons, pilot lights and selector switches fixing ring	1 piece	CPAW

### Spare Lens for Pilot Lights

Illustrative image	Description	Color	Standard packing	Reference
 0.004 kg <sup>2)</sup>	Lens to replace the pilot lights color		5 pieces	ALSD0
				ALSD1
				ALSD2
				ALSD3
				ALSD4
				ALSD6


### Engraved Illuminated Pushbutton Caps<sup>1)</sup>

Illustrative image	Description	Function	Standard packing	Reference
 0.006 kg <sup>2)</sup>	Engraved internal caps for flush illuminated and extended illuminated pushbutton <sup>1)</sup>	 Stop	5 pieces	ALBI30
		 Start		ALBI31
		 Rectilinear movement		ALBI32
		 Clockwise rotation		ALBI33
		 Counterclockwise rotation		ALBI34
		 Feed		ALBI35


Notes: 1) Other engraving options under request;  
2) Unitary weight.

## Common Accessories - Mounting in Flanges or Control Stations


### Hole Plug

Illustrative image	Description	Standard packing	Reference
 0.010 kg <sup>2)</sup>	Round plug for unused Ø22 mm holes	5 pieces	ATR








### Single Pushbutton Protection

Illustrative image	Description	Standard packing	Reference
 0.010 kg <sup>2)</sup>	Silicon additional protective cover for flush pushbuttons (BF) and pilot lights (SD)	5 pieces	APBF
	Silicon additional protective cover for illuminated flush pushbuttons (BFI), illuminated extended pushbuttons (BSI) and extended pushbuttons (BS)		APBI










### Double Pushbutton Protection<sup>3)</sup>

Illustrative image	Description	Standard packing	Reference
 0.010 kg <sup>2)</sup>	Silicon protective cover for double pushbuttons CSW-BD (IP40) to ensure IP66 Degree of Protection	5 pieces	APBD

### Pushbutton Caps

Illustrative image	Description	Color	Standard packing	Reference
 0.005 kg <sup>2)</sup>	Caps to replace the flush pushbuttons colors		5 pieces	ACB0
				ACB1
				ACB2
				ACB3
				ACB4
				ACB5
		All six colors	6 pieces	ACB

### Engraved Pushbutton Caps<sup>1)</sup>

Illustrative image	Description	Function	Standard packing	Reference
 0.005 kg <sup>2)</sup>	Engraved caps for flush and extended pushbuttons <sup>1)</sup>		5 pieces	ACB1-30
				ACB5-31
				ACB5-32
				ACB5-33
				ACB5-34
				ACB5-35
				ACB4-37
				ACB4-47

Notes: 1) Other engraving options under request;

2) Unitary weight;

3) Not compatible with PBW Control Station.



## Plastic Engraved 27 x 18 mm Legend Plates<sup>1)</sup>

START

MANUAL

AUTO

Standard packing  
5 pieces

0.020 kg<sup>3)</sup>

Single pushbuttons and pilot lights											
Reference	Engraving		Reference	Engraving		Reference	Engraving		Reference	Engraving	
AP30-204	HAND		AP30-208	RIGHT		AP30-215	AVANÇO		AP30-229	SUBIR	
AP30-205	AUTO		AP30-209	LEFT		AP30-216	RECUO		AP30-230	BAJAR	
AP30-18 <sup>2)</sup>	STOP		AP30-210	INCH		AP30-125	LIGA		AP30-231	ADELANTE	
AP30-11	OPEN		AP30-03 <sup>2)</sup>	EMERGENCY STOP		AP30-120	DESLIGA		AP30-232	REGRESSO	
AP30-01	CLOSE		AP30-05	JOG		AP30-123	EM OPERAÇÃO		AP30-233	PARO	
AP30-19	UP		AP30-06	JOG FORWARD		AP30-217	INICIAR		AP30-234	MARCHA	
AP30-02	DOWN		AP30-07	JOG REVERSE		AP30-218	RÁPIDO		AP30-218	RÁPIDO	
AP30-04	FORWARD		AP30-08	LOWER		AP30-219	DEVAGAR		AP30-235	DESPACIO	
AP30-15	REVERSE		AP30-13	RAISE		AP30-220	DIREITA		AP30-236	DERECHA	
AP30-10	ON		AP30-147	FAULT		AP30-221	ESQUERDA		AP30-237	IZQUIERDA	
AP30-132	OFF		AP30-129	MANUAL		AP30-222	PARADA DE EMERGENCIA		AP30-238	BAJADA	
AP30-12	POWER ON		AP30-52	AUTOMÁTICO		AP30-223	ABAIXAR		AP30-239	SUBIDA	
AP30-14	RESET		AP30-134	PARADA		AP30-224	LEVANTAR		AP30-240	FALLA	
AP30-17	START		AP30-211	ABRIR		AP30-225	FALHA		AP30-201	0	
AP30-16	RUN		AP30-212	FECHAR		AP30-226	AUTOMÁTICA		AP30-202	I	
AP30-206	FAST		AP30-213	ACIMA		AP30-211	ABRIR		AP30-203	II	
AP30-207	SLOW		AP30-214	ABAIXO		AP30-228	CERRAR				

2-position selector switches											
Reference	Engraving		Reference	Engraving		Reference	Engraving		Reference	Engraving	
AP30-21	HAND	AUTO	AP30-24	OFF	ON	AP30-28	UP	DOWN	AP30-244	AVANÇO	RECUO
AP30-27	START	STOP	AP30-25	OPEN	CLOSE	AP30-23	MAN	AUTO	AP30-39	DES	LIG
AP30-20	FOR	REV	AP30-26	RUN	JOG	AP30-243	LIGA	DESLIGA	AP30-250	PARO	ARRANQUE
AP30-22	JOG	RUN									

3-position selector switches											
Reference	Engraving			Reference	Engraving			Reference	Engraving		
AP30-30	FOR	OFF	REV	AP30-35	UP	OFF	DOWN	AP30-257	ABERTO	0	AUTO
AP30-32	MAN	OFF	AUTO	AP30-149	AUTO	0	REV	AP30-258	ABERTO	0	FECHADO
AP30-33	OPEN	OFF	AUTO	AP30-255	AVANÇO	0	RECUO	AP30-190	SOBE	0	DESCE
AP30-34	OPEN	OFF	CLOSE	AP30-256	MANUAL	0	AUTO	AP30-260	AUTO	0	REVERSO

Notes: 1) Other engraving options under request;  
2) Red plate engraved in white;  
3) Unitary weight.

## Technical Data

### Pushbuttons, Selector Switches and Pilot Lights

Applicable standards	IEC 60947-5-1, VDE 0660, UL 508, CENELEC EN 50007, ISO 13850 (EN 418), IEC 60947-5-5
Certifications	CE, cULus, BV, IRAM, PCT, RCC, ICONTEC
Degree of protection	IP66 and IP40 (CSW-BD) according to IEC 60529 Type 1, 2, 3, 3R, 3S, 4, 4X, 5, 12, 12K y 13 according to UL 508
Mechanical lifespan	
Pushbuttons	3 x 10 <sup>6</sup> operations
Pushbuttons CSW-BEG/EY/CT/CY	3 x 10 <sup>5</sup> operations
Pushbuttons CSW2-BD/BT	2 x 10 <sup>6</sup> operations
Emergency pushbuttons CSW-BESG/P/Y	1 x 10 <sup>5</sup> operations
Selector switches	1 x 10 <sup>6</sup> operations

### Contact Block

Applicable standards	IEC 60947-5-1, VDE 0660, UL 508, CENELEC EN 50007, ISO 13850 (EN 418), IEC 60947-5-5			
Certifications	CE, cULus, BV, IRAM, PCT, RCC, ICONTEC			
Rated insulation voltage U <sub>i</sub>	690 V			
Rated impulse voltage U <sub>imp</sub>	4 kV			
Degree of protection (IEC 60529)	IP20			
Conventional thermal current I <sub>th</sub>	10 A			
Electrical performance according to IEC 60947-5-1				
Utilization category AC-15	BC...-CSW		BCM01-CSW	
	U <sub>e</sub> (V ac)	I <sub>e</sub> (A)	U <sub>e</sub> (V ac)	I <sub>e</sub> (A)
	24	10	24	6
	48	10	48	6
	60	10	60	6
	110	6	110	6
	220	3	220	3
	380	2	380	2
Utilization category DC-13	BC...-CSW		BCM01-CSW	
	U <sub>e</sub> (V dc)	I <sub>e</sub> (A)	U <sub>e</sub> (V dc)	I <sub>e</sub> (A)
	24	2,5	24	2,5
	48	1,4	48	1,4
	60	1	60	1
	110	0,55	110	0,55
	220	0,27	220	0,27
	300	0,2	300	0,2
Performance according to UL and CSA	AC / Heavy Duty (A600) e DC / Standard Duty (R300)		-	
Contact resistance (IEC 60255)	≤ 25m Ω			
Potential against short circuit (IEC 60269-1/IEC 60269-3)	6 A fuse / 690 V gL/gG (1 kA) 16 A Miniature Circuit Breaker (MDW-B16)		6 A fuse / 500 V gL/gG (0.5 kA) 6 A Miniature Circuit Breaker (MDW-B6)	
Electric shock protection (IEC 60536)	Class II			
Terminal capacity (wire/cable with or without terminal)	Minimum (1 x 0,5 mm <sup>2</sup> ) and maximum (2 x 2,5 mm <sup>2</sup> )			
Tightening torque	0,8 N.m			
Ambient temperature allowed	-25 °C...+70 °C			
Mechanical shock resistance	No damage or disassembling up to 100 g (1/2 senoid 11 rms, according to MIL 202 B method 202 A)			
Vibration resistance (IEC 60068-2-6)	16 g for a frequency range of 40 to 500 Hz. Maximum displacement 0.75 mm (peak to peak)			

### Illumination Blocks with Integrated LED

Applicable standards	IEC 60947-5-1, UL 508
Operation voltage range	0,85...1,10 x U <sub>e</sub>
Degree of protection (IEC 60529)	IP20
Energy consumption (V ac/dc)	10 mA
Rated impulse voltage U <sub>i</sub> (IEC 60947-1)	2,5 kV
Ambient temperature allowed	- 25 °C...+70 °C
Average lifespan	100,000 hours
Brightness	Red 70 mcd
	Yellow 115 mcd
	White 275 mcd
	Blue 64 mcd
	Green 150 mcd
Terminal capacity (wire/cable with or without terminal)	Minimum (1 x 0,5 mm <sup>2</sup> ) and maximum (2 x 2,5 mm <sup>2</sup> )
Tightening torque	0,8 N.m

### Special Blocks (Illumination, Sockets, Voltage Reduction)

Applicable standards	IEC 60947-5-1, UL 508
Degree of protection (IEC 60529)	IP20
Rated impulse voltage U <sub>i</sub> (IEC 60947-1)	4 kV
Ambient temperature allowed	- 25 °C...+70 °C
Terminal capacity (wire/cable with or without terminal)	Minimum (1 x 0,5 mm <sup>2</sup> ) y maximum (2 x 2,5 mm <sup>2</sup> )
Tightening torque	0,8 N.m





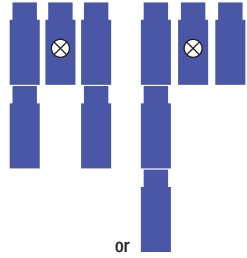

















### Decentralized Control Stations

Applicable standards	IEC 60947-5-1, IEC 50102, IEC 60529, UL 508, UL 50
Certifications	CE
Degree of protection (IEC 60529)	IP66 (NEMA 4X)
Ambient temperature allowed	-25 °C...+70 °C
Material	Polycarbonate (cover and base)
Cover color	Gray (RAL 7035) or Yellow (RAL 1003)
Base color	Black (RAL 9005)
Cable entry holes	ØM20 / PG13,5 / 1/2" and ØM16 / 3/8"
Use in ambient	External (UV rays) or internal




# Assembly Configurations


## Maximum Recommended Configuration of Contact Blocks for Each type of Head and Flange


Type of head	Pushbuttons	Pushbuttons	Selectors	Illuminated selectors	
Reference	CSW-BF, CSW-BGA	CSW-BC, CSW-BS	CSW-CK, CSW-CA, CSW-CY	CSW-CKI	
Maximum number of contact blocks	Max 6	Max 6	Max 6	Max 4	
AF3F flange (3 positions)	 or 			 or 	
Maximum number of contact blocks	Max 6	Max 4	Max 4	Max 4	
AF3 flange (3 positions)	 or 	 or 	 or 	 or 	
Maximum number of contact blocks	Max 8	Max 8	Max 8	Max 8	
AF5 Flange (5 positions)	 or 	 or 	 or 	 or 	

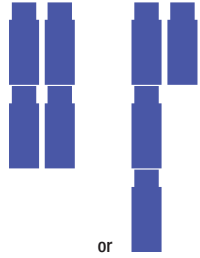





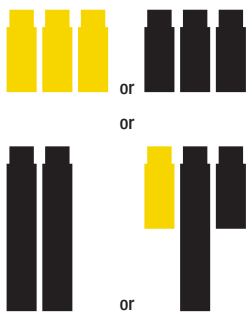


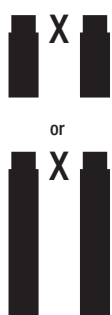


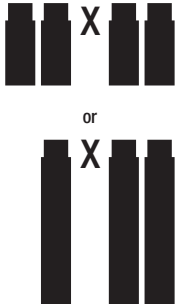
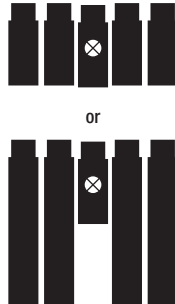
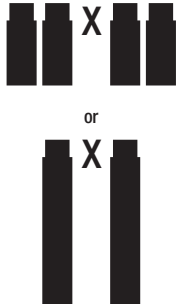
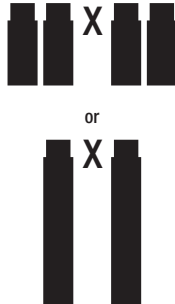
 Contact Block BC10F-CSW  
Contact Block BC01F-CSW

 Contact Block BC10-CSW  
Contact Block BC01-CSW  
Contact Block BCA10-CSW  
Contact Block BCR01-CSW

 Contact Block BC11-CSW  
Contact Block BC20-CSW  
Contact Block BC02-CSW

 Illumination Block BIDL

 Illumination Block BIDL

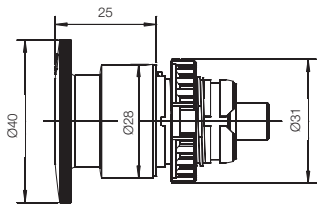
	Emergency pushbutton	Pushbutton	Illuminated pushbutton	Double pushbutton	Illuminated double pushbutton	Triple pushbutton
	CSW-BESG, CSW-BESP, CSW-BESY	CSW-BEG, CSW-BEY, CSW-BCT, CSW-BCY	CSW-BCI, CSW-BD, CSW-BFI, CSW-BSI	CSW2-BDF, CSW2-BDS	CSW2-BDFI, CSW2-BDSI	CSW2-BTF, CSW2-BTS
	Max 4	Max 6	Max 6	Max 4	Max 4	Max 7
	 <p>or</p>					
	3 (self-monitoring contact block) or 4 (simple/double block)	Max 4	Max 4	Max 4	Max 4	Max 6
	 <p>or</p> <p>or</p> <p>or</p>	 <p>or</p>	 <p>or</p>	 <p>or</p>	 <p>or</p>	 <p>or</p>
	-	Max 6	Max 8	Max 4	Max 4	-
		 <p>or</p>	 <p>or</p>	 <p>or</p>	 <p>or</p>	



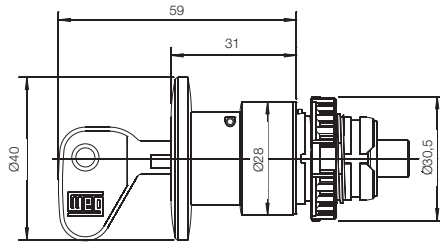
Self-monitoring contact block BCM01-CSW

X Position not allowed

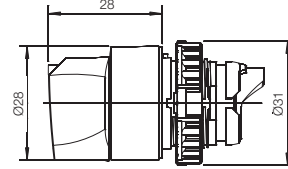
## Dimensions (mm)



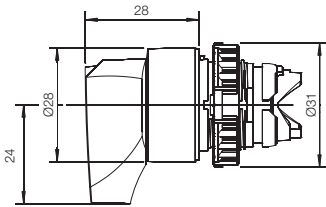
BEG  
BCT



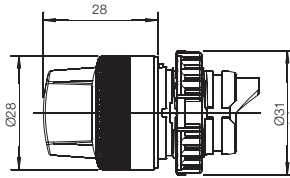
BEY  
BCY



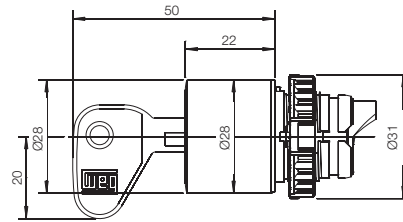
CK



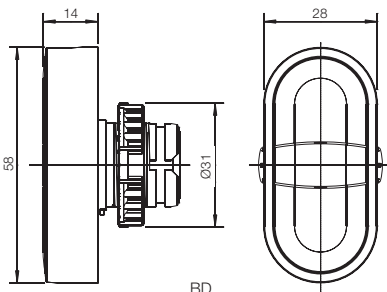
CA



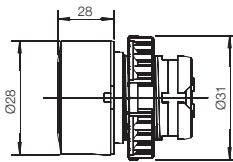
CKI



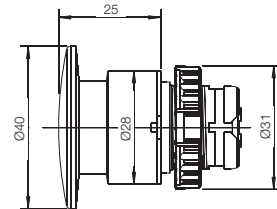
CY



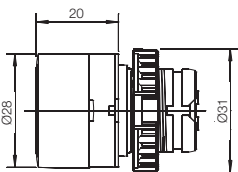
BD



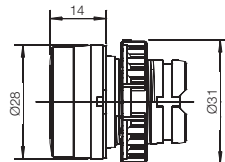
BF



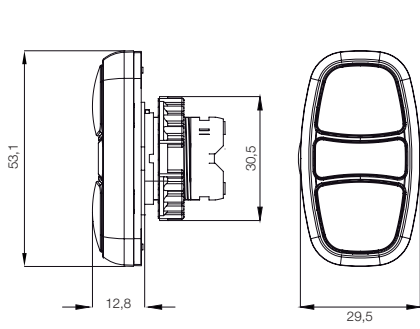
BC  
BCI



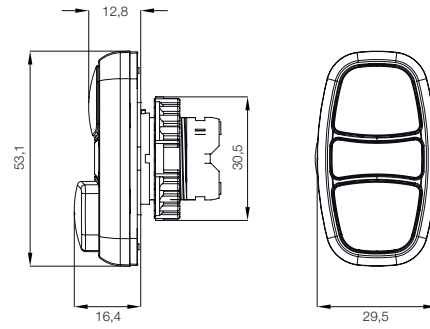
BFI  
BGA



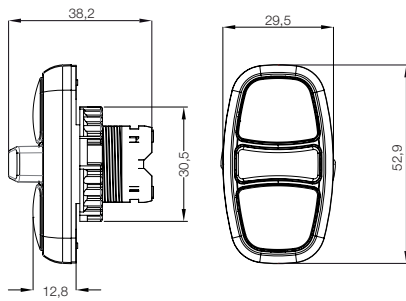
SD



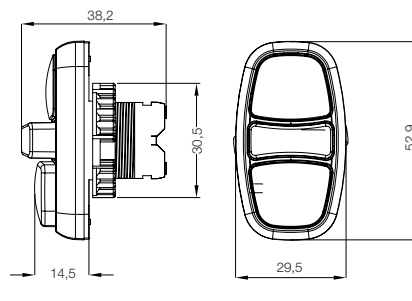
CSW2-BDF



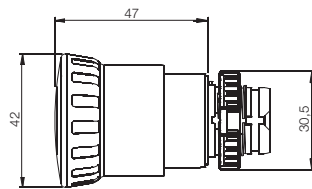
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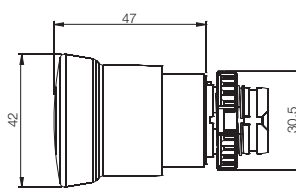
CSW2-BTF



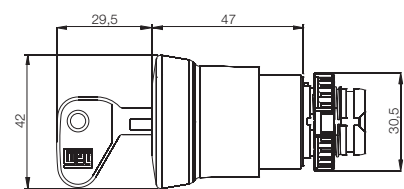
CSW2-BTS



BESG



BESP

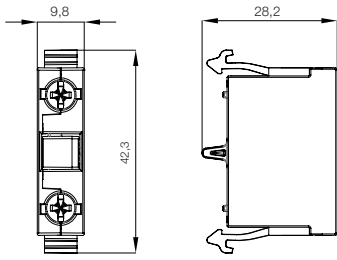


BESY

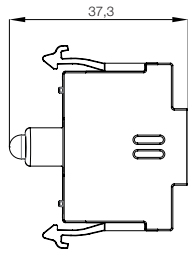




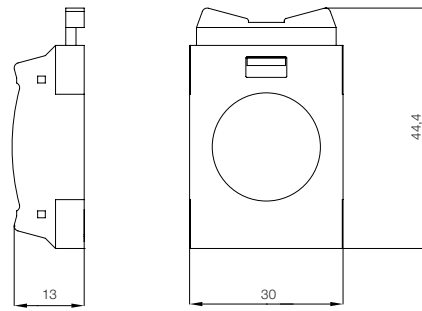
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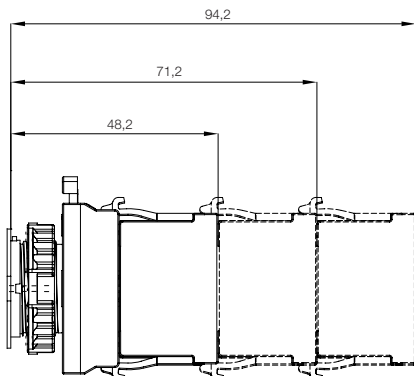
BC10F/BC01F



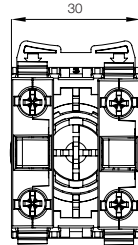
BIDL-\*\*CSW



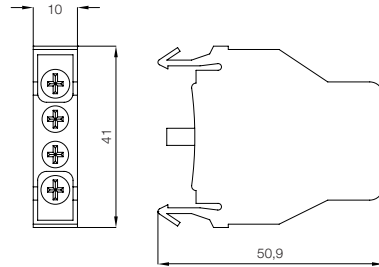
AF3F



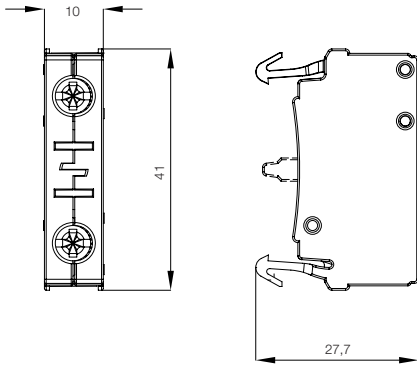
AF3F + 1..3x Contact Block BC\_F



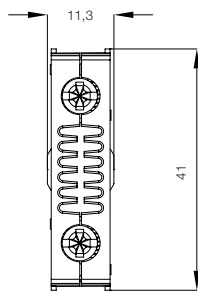
AF3F + Contact Block



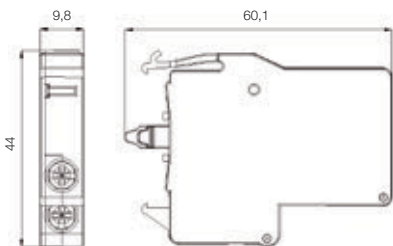
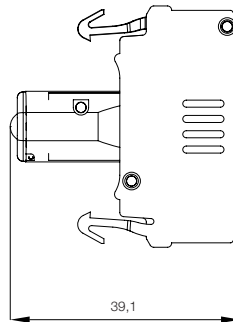
BC11/BC20/BC02



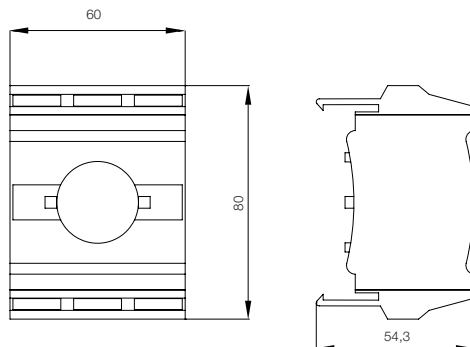
BC10/BC01/BCA10/BCR01



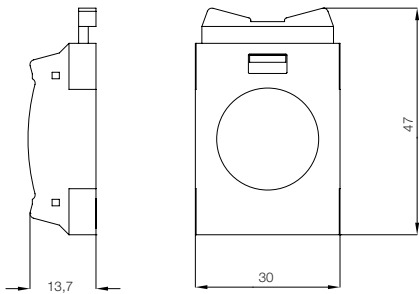
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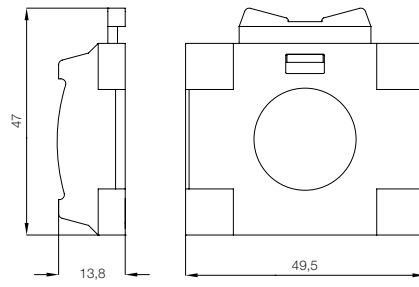
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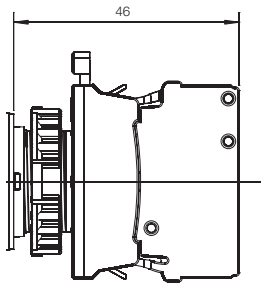
BR-3P



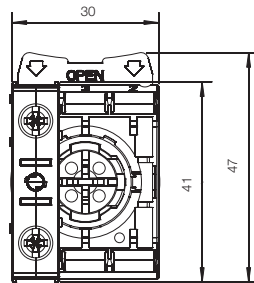
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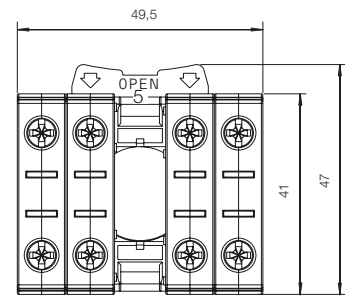
AF5



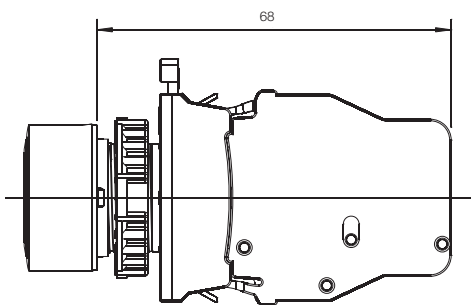
AF5 + BC01/10  
BCA10  
BCR01



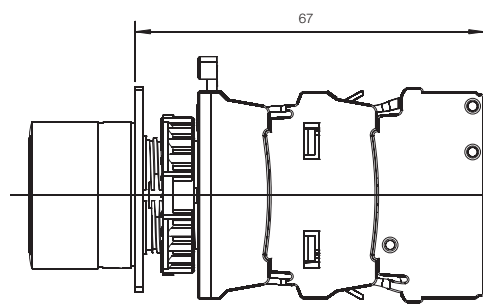
AF3 + BC01/10  
BCA10  
BCR01



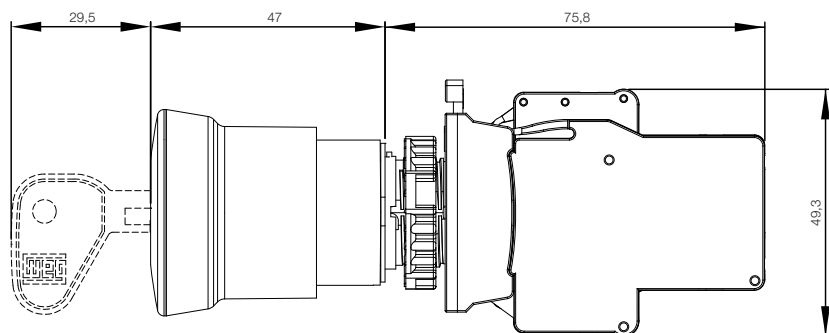
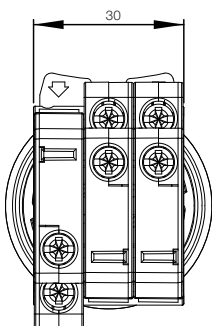
BF + AF5 + BC01/10  
BCA10  
BCR01



AF3/5 + BC11/20/02

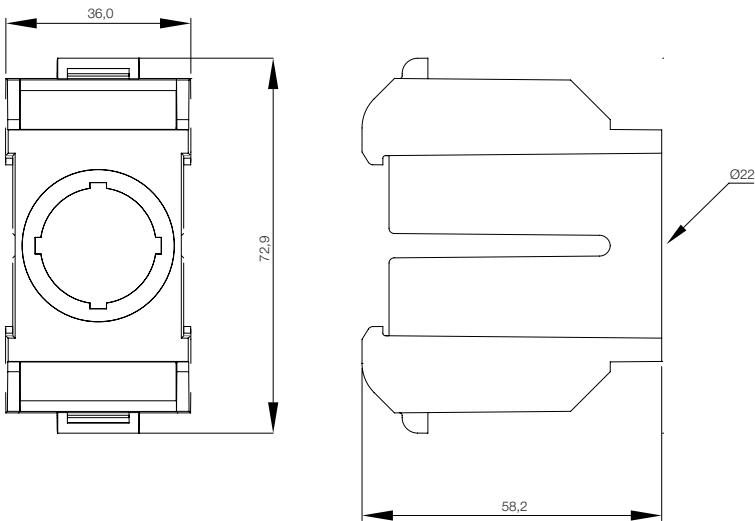
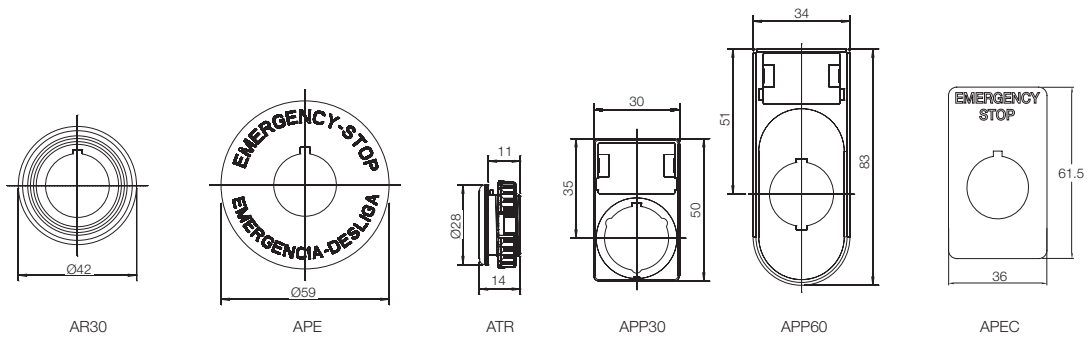
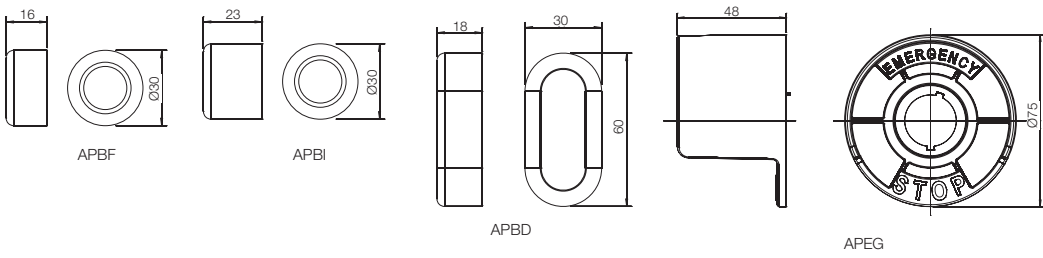
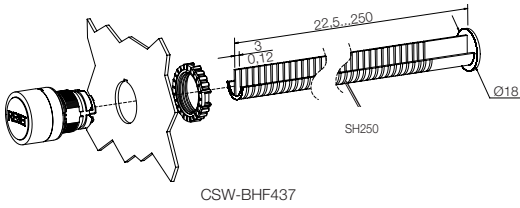


AF3 + BR-3P + BIDL

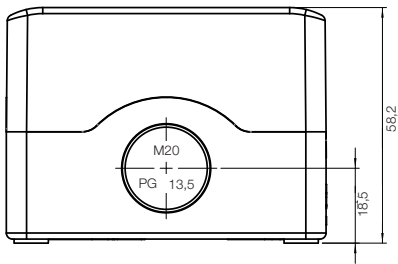


BES + BCM01-CSW

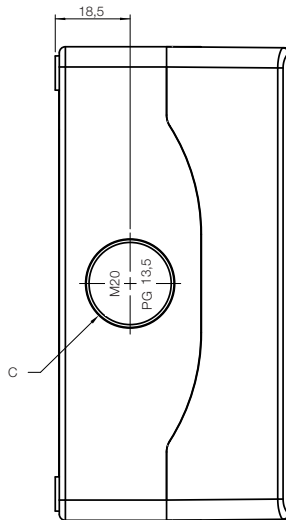
## Dimensions (mm)



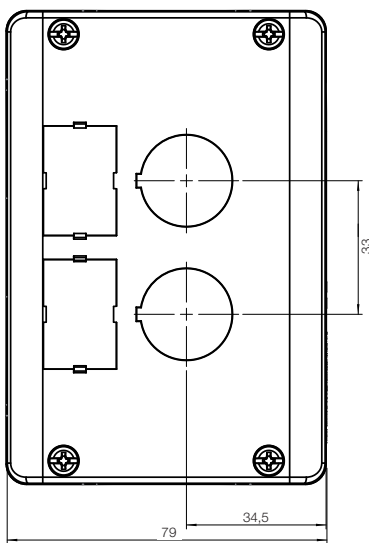
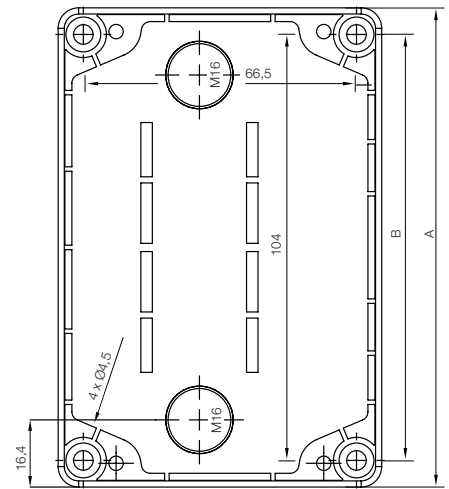
**Bottom/Top**



**Side**



**Base**



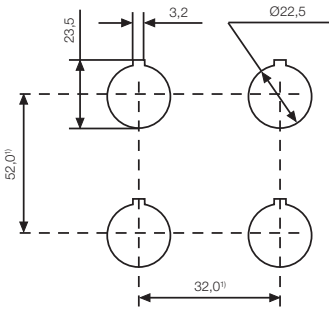
PBW decentralized control station

Number of holes	A	B	Cable entry holes									
			Bottom		Top		Side		Base			
			Size	Cable gland thread length	Size	Cable gland thread length	Size	Cable gland thread length	Size	Cable gland thread length		
1	74	66,7	1 x ØM20 ØPG13,5 Ø½ NPT	9 to 16 mm	1 x ØM20 ØPG13,5 Ø½NPT	9 to 16 mm	1 x	ØM20 ØPG13,5 Ø½NPT	9 to 16 mm	2 x	ØM16 ØPG9	7 to 10 mm
2	104	117					2 x					
3	137	150										
4	170	183										
6	236	249										

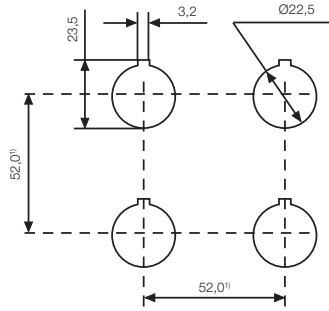


## Installation Distances (mm)

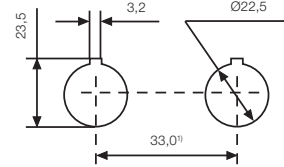
### AF3/AF3F Flange



### AF5 Flange



### PBW Control Stations



Note: 1) Minimum distance to use Pushbuttons (Flush/Extended/Guarded) or Selectors (Knob). To use others Pushbuttons or Selectors is necessary to evaluate the head dimensions.





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