



PRODUCT CATALOG

2025

CONTROL AND SIGNAL UNITS ARE TESTED AT SIQ SLOVENIA
AND ARE FULLY COMPLIANT WITH THE FOLLOWING STANDARDS:

EN: 6094 7-5-1 :2004 + A1 :2009

ROHS, REACH



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INDICATOR LIGHTS / 59

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|----------------|--------------------------|

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INSTALLATION

GENERAL INFORMATION

The switches are intended for the control and monitoring of direct and alternating current electrical circuits.

General information

Standards	6094 7-5-1 :2004 + A 1 :2009 ROHS, REACH		
Temperature	Operating	od -20°C do 55°C	
	Storage	od -40°C do 70°C	
Degree of protection	Product	Protection	
	EPD, EPDR, EPDF, ELER, ELER/L	IP40	
	ER, ERR, ERL, EF, EFL, EFB, EFBC, EFC, EFBA, EFBL, EL, ELE, ELE/L, ES, ESL, ESC, EM, EMB (Joystick)	IP65	
Degree of protection with protective cover	ER, EPD, EPDR, ERL, EF, EFB, EFBL, EFBC	IP67	
Mechanical characteristics	Product	Operating cycles	
	ER, ERL, EF, EFL	3.000.000	
	EFB, EFBL	500.000	
	ES, ESC	1.000.000	
Contact block insulation Ui	Ui	V	660
	NO + NC combined	V	440
	ECD	V	250
Thermal current	Iht	A	12

Category AC15

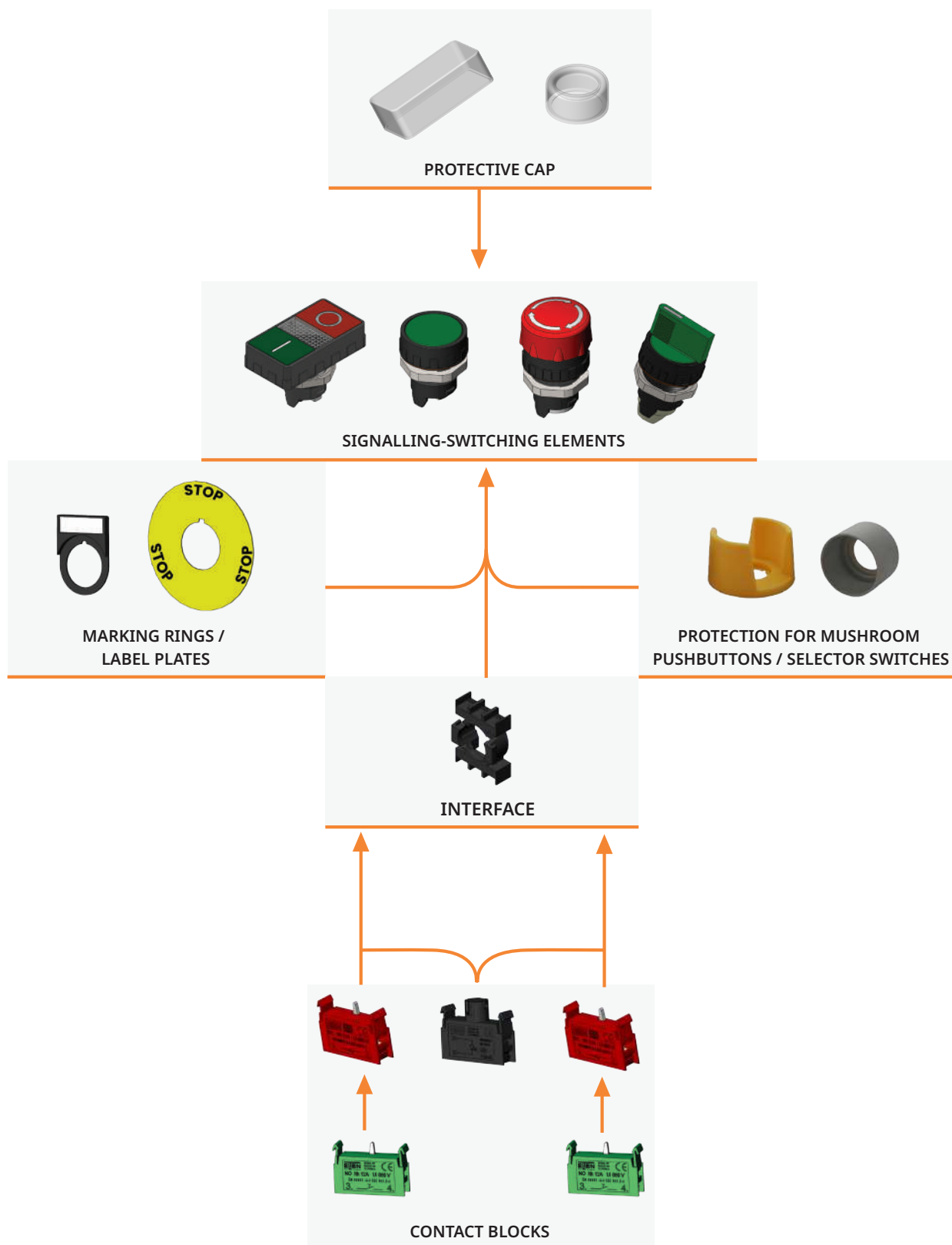
V	12	24	48	110	230	400
A	8	8	8	6,5	4,5	2,6

Category DC13


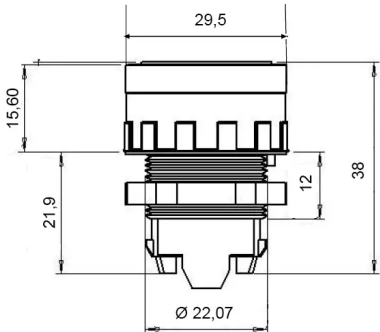

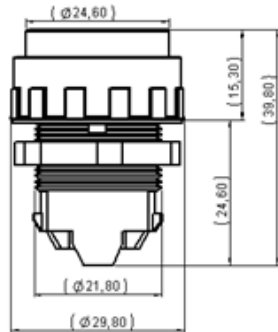

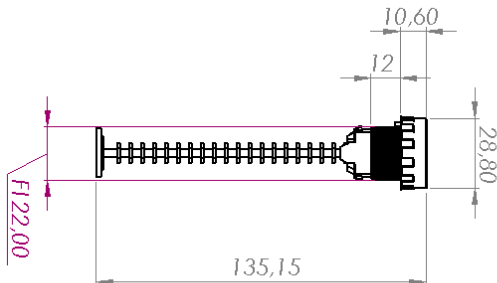

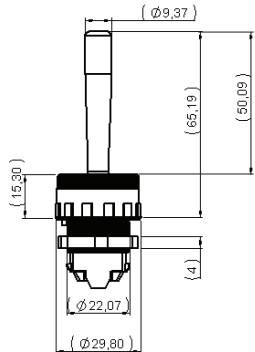
V	12	24	48	110	230	400
A	18	5	2,5	1,1	0,6	0,15

INSTALLATION


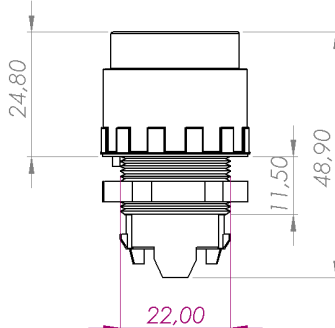

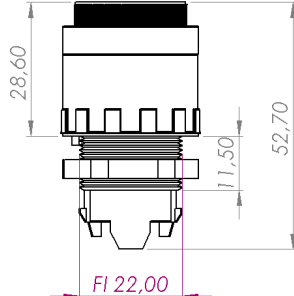

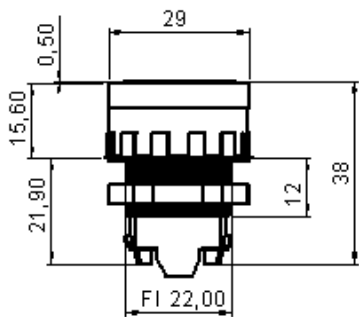
GENERAL INFORMATION



PUSHBUTTONS

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 <p>ER</p>	<p>Flushbutton</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPR protective cover (IP67), PC/P button lock</p> <p>Order code: ER1, ER2, ER3, ER4, ER5, ER6</p>	
 <p>ERR</p>	<p>Pushbutton with extended button</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPR protective cover (IP67)</p> <p>Order code: ERR1, ERR2, ERR3, ERR4, ERR5, ERR6</p>	
 <p>ER/RESET</p>	<p>Reset pushbutton</p> <p>Color options:</p> <p>5 - Blue button with white print "R"</p> <p>6 - White button with black print "R"</p> <p>Order code: ER5/RESET, ER6/RESET</p>	
 <p>EMBL</p>	<p>Pushbutton with flexible rod</p> <p>Color options for flexible rod: 1 2</p> <p>Degree of protection: IP65</p> <p>Order code: EMBL1, EMBL2</p>	

PUSHBUTTONS

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block EC/NO-PP or EC/NC are required.</i>		
 <p>ER/PP</p>	<p>PUSH-PUSH pushbutton</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Order code: ER1/PP, ER2/PP, ER3/PP, ER4/PP, ER5/PP, ER6/PP</p>	
<i>Note: To assemble the set, an interface - EB and a contact blocks (1) EC/NO-PP or EC/NC and (2) ECD or ECD/L or ECL are required.</i>		
 <p>ERL/PP</p>	<p>Illuminated PUSH-PUSH pushbutton</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Order code: ERL1/PP, ERL2/PP, ERL3/PP, ERL4/PP, ERL5/PP, ERL6/PP</p>	
<i>Note: To assemble the set, an interface - EB and a contact blocks (1) EC/NO or EC/NC and (2) ECD or ECD/L or ECL are required.</i>		
 <p>ERL</p>	<p>Illuminated pushbutton</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPL protective cover (IP67), PC/P pushbutton lock</p> <p>Order code: ERL1, ERL2, ERL3, ERL4, ERL5, ERL6</p>	

Illuminated

Illuminated

PUSHBUTTONS

Accessories for pushbuttons



ERPR

Protective cover

Suitable for: **ER Flush button**

Degree of protection: **IP67**

Order code: **ERPR**



ERPL

Protective cover

Suitable for: **ERR Illuminated pushbutton**

Degree of protection: **IP67**

Order code: **ERPL**



PC/P


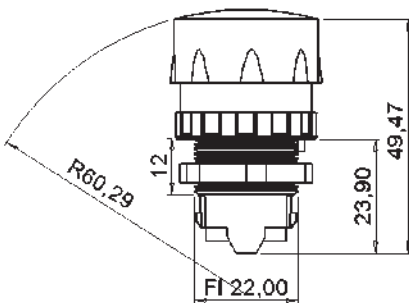

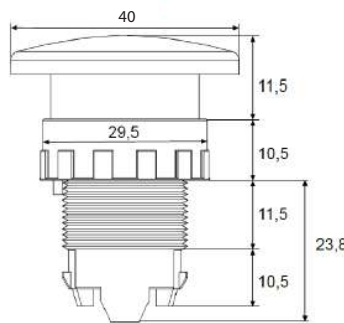

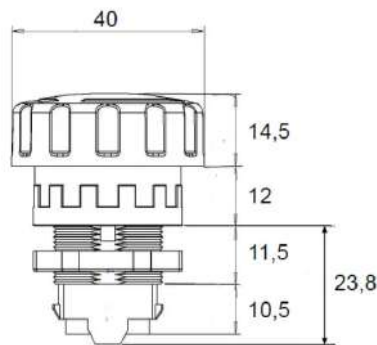

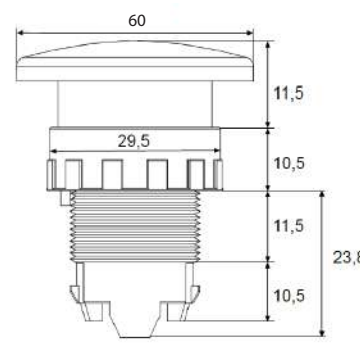
Pushbutton lock

Suitable for: **ER Flush button**


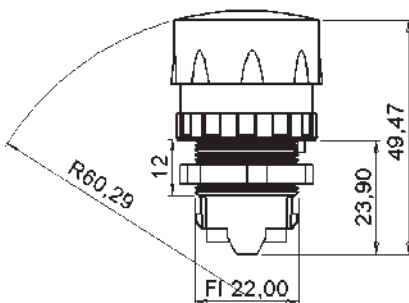

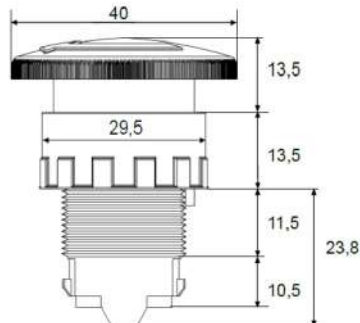

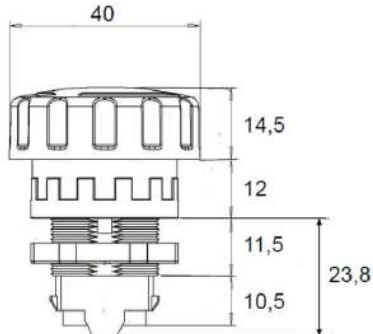

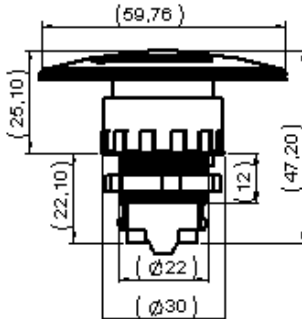
ERL Illuminated pushbutton

Order code: **PC/P**


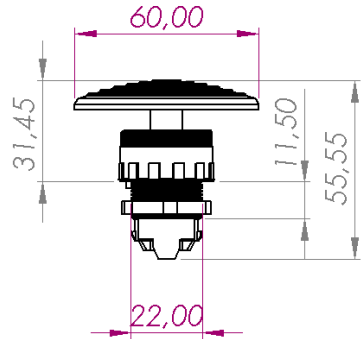
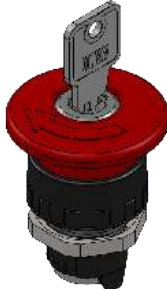
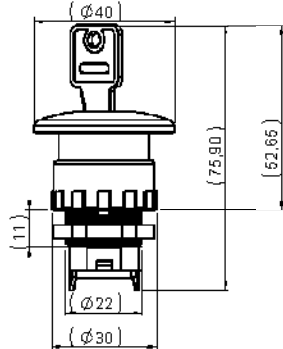

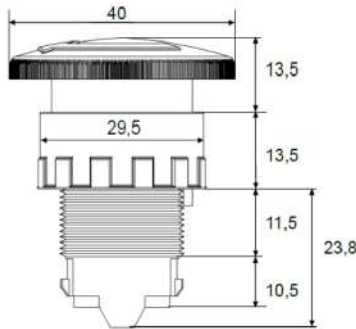

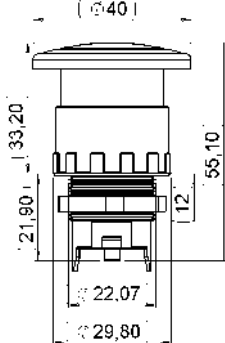
MUSHROOM PUSHBUTTONS

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 <p>EF/30</p>	<p>Mushroom pushbutton</p> <p>Mushroom diameter: Ø30</p> <p>Color options: 1 2 3</p> <p>Degree of protection: IP65</p> <p>Order code: EF1/30 EF2/30 EF3/30</p>	
 <p>EF/40</p>	<p>Mushroom pushbutton</p> <p>Mushroom diameter: Ø40</p> <p>Color options: 1 2 3</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPF protective cover (IP67)</p> <p>Order code: EF1/40 EF2/40 EF3/40</p>	
 <p>EF/40NT</p>	<p>Mushroom pushbutton</p> <p>Mushroom diameter: Ø40</p> <p>Color options: 1 2 3</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPF protective cover (IP67)</p> <p>Order code: EF1/40NT EF2/40NT EF3/40NT</p>	
 <p>EF/60</p>	<p>Mushroom pushbutton</p> <p>Mushroom diameter: Ø60</p> <p>Color options: 2</p> <p>Degree of protection: IP65</p> <p>Order code: EF2/60</p>	

MUSHROOM PUSHBUTTONS

Product	Description	Dimensions (mm)
<p><i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i></p>		
 <p>EFB/30</p>	<p>Mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø30</p> <p>Color options: 1 2 3</p> <p>Degree of protection: IP65</p> <p>Order code: EFB1/30 EFB2/30 EFB3/30</p>	
 <p>EFB/40</p>	<p>Mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø40</p> <p>Color options: 1 2 3 4</p> <p>Degree of protection: IP65</p> <p>Accessories: OHC uncontrolled release protection</p> <p>Order code: EFB2/40</p>	
 <p>EFB/40NT</p>	<p>Mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø40</p> <p>Color options: 2</p> <p>Degree of protection: IP65</p> <p>Accessories: OHC uncontrolled release protection</p> <p>Order code: EFB2/40NT</p>	
 <p>EFB/60</p>	<p>Mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø60</p> <p>Color options: 2</p> <p>Degree of protection: IP65</p> <p>Order code: EFB2/60</p>	

MUSHROOM PUSHBUTTONS

Product	Description	Dimensions (mm)
<p><i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i></p>		
 <p>EFBA</p>	<p>Mushroom pushbutton with flexible head</p> <p>Mushroom diameter: Ø60 Color options: 2 Degree of protection: IP65 Order code: EFBA2/60</p>	
 <p>EFC/40</p>	<p>Mushroom pushbutton with key reset</p> <p>Mushroom diameter: Ø40 Color options: 2 Degree of protection: IP65 Accessories: Spare key for ESC and EFC Order code: EFC2/40</p>	
 <p>EFBC/40</p>	<p>Mushroom pushbutton with twist reset and time-delay release</p> <p>Mushroom diameter: Ø40 Color options: 2 Degree of protection: IP65 Order code: EFBC2/40</p>	
<p><i>Note: To assemble the set, an interface - EB and a contact block EC/NO-PP or EC/NC are required.</i></p>		
 <p>EFB/PP</p>	<p>PUSH-PUSH mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø40 Color options: 1 2 3 Degree of protection: IP65 Order code: EFB1/PP EFB2/PP EFB3/PP</p>	

MUSHROOM PUSHBUTTONS

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - [EB](#) and a contact blocks (1) [EC/NO](#) or [EC/NC](#) and (2) [ECD](#) or [ECD/L](#) or [ECL](#) are required.



EFL

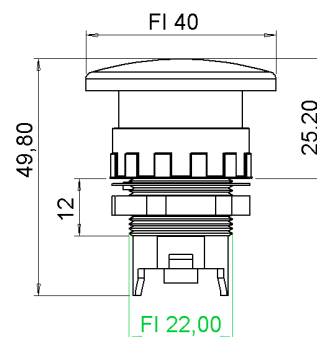
Illuminated mushroom pushbutton

Mushroom diameter: Ø40

Color options: [2](#) [3](#)

Degree of protection: IP65

Order code: **EFL2/40**
EFL3/40



EFBL

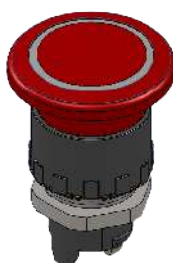
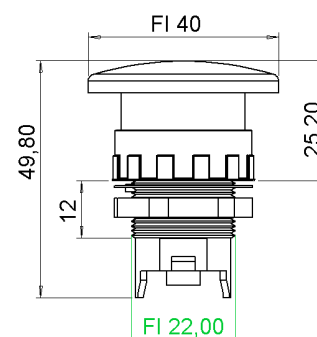
Illuminated mushroom pushbutton with twist reset

Mushroom diameter: Ø40

Color options: [2](#)

Degree of protection: IP65

Order code: **EFBL2/40**



EFBL/PP

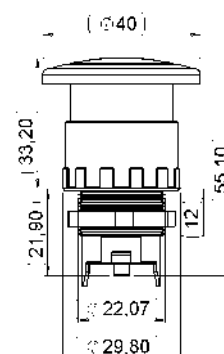
Illuminated PUSH-PUSH mushroom pushbutton

Mushroom diameter: Ø40

Color options: [2](#) [3](#)

Degree of protection: IP65

Order code: **EFBL2/PP**
EFBL3/PP



Note: To assemble the set, an interface - [EB](#) and a contact blocks (1) [EC/NO-PP](#) or [EC/NC](#) and (2) [ECD](#) or [ECD/L](#) or [ECL](#) are required.

MUSHROOM PUSHBUTTONS

Accessories for mushroom pushbuttons



ERPF

Protective cover

Suitable for: **EF/40 mushroom pushbutton**
EF/40NT mushroom pushbutton

Degree of protection: **IP67**

Order code: **ERPF**



OHC/K

Uncontrolled release / activation protection

Suitable for: **Mushroom pushbuttons,**
selector switches, pushbuttons

Order code: **OHC/K**



OHC/P4

Uncontrolled release / activation protection

Color: ●

Suitable for: **Mushroom pushbuttons,**
selector switches, pushbuttons

Order code: **OHC/P4**



OHC/P7



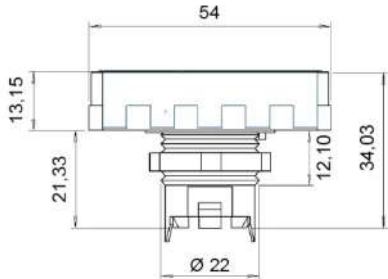


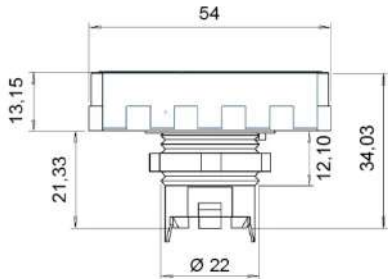


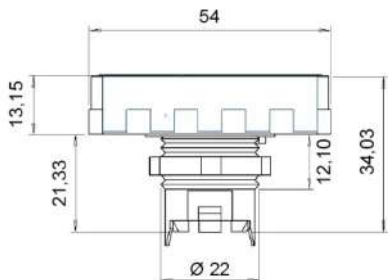
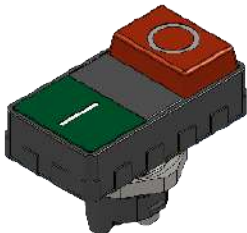

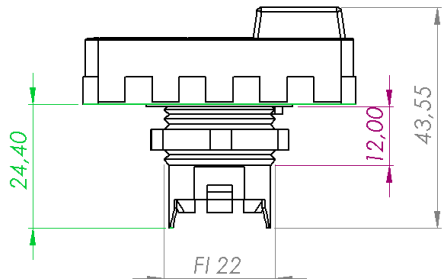
Uncontrolled release / activation protection

Color: ●



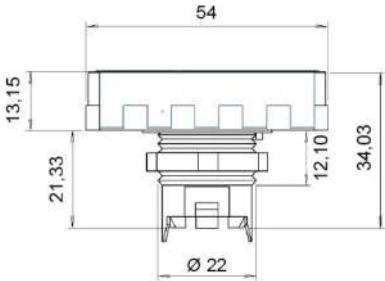


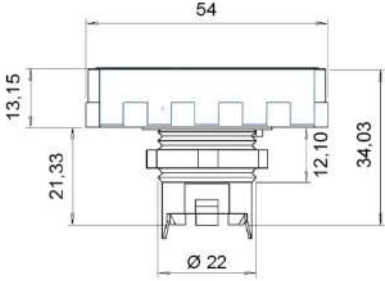


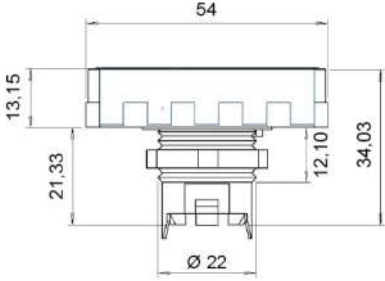
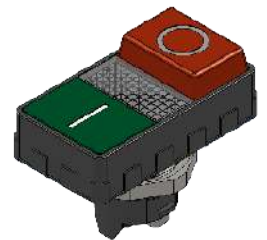

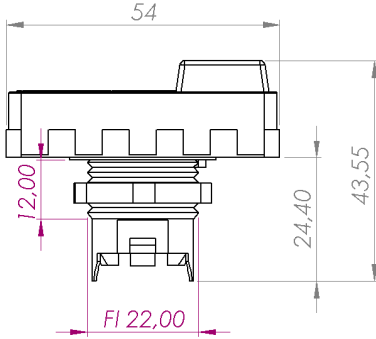
Suitable for: **Mushroom pushbuttons,**
selector switches, pushbuttons

Order code: **OHC/P7**

DOUBLE PUSHBUTTONS

Product	Description	Dimensions (mm)
<p><i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i></p>		
 <p>EPD/0-I</p>	<p>Double pushbutton START-STOP</p> <p>Color: </p> <p>Degree of protection: IP40</p> <p>Accessories: ERPD protective cover (IP67)</p> <p>Order code: EPD/0-I</p>	
 <p>EPD/F</p>	<p>Double pushbutton with UP-DOWN arrow</p> <p>Color: </p> <p>Degree of protection: IP40</p> <p>Accessories: ERPD protective cover (IP67)</p> <p>Order code: EPD/F</p>	
 <p>EPD/FO</p>	<p>Double pushbutton with LEFT-RIGHT arrow</p> <p>Color: </p> <p>Degree of protection: IP40</p> <p>Accessories: ERPD protective cover (IP67)</p> <p>Order code: EPD/FO</p>	
 <p>EPDR/0-I</p>	<p>Double pushbutton START-STOP with raised "0" button</p> <p>Color: </p> <p>Degree of protection: IP40</p> <p>Accessories: ERPD protective cover (IP67)</p> <p>Order code: EPDR/0-I</p>	

DOUBLE PUSHBUTTONS

Product	Description	Dimensions (mm)
<div data-bbox="29 625 61 772" data-label="Text">Illuminated</div>  <p data-bbox="228 842 341 873">EPDL/F</p>	<p data-bbox="513 541 951 600">Illuminated double pushbutton with UP-DOWN arrow</p> <p data-bbox="513 636 670 737">Color: </p> <p data-bbox="513 758 808 785">Degree of protection: IP40</p> <p data-bbox="513 800 987 827">Accessories: ERPD protective cover (IP67)</p> <p data-bbox="513 852 737 879">Order code: EPDL/F</p>	
<div data-bbox="29 1003 61 1150" data-label="Text">Illuminated</div>  <p data-bbox="212 1209 357 1241">EPDL/O-I</p>	<p data-bbox="505 915 881 974">Illuminated double pushbutton START-STOP</p> <p data-bbox="505 1014 667 1115">Color: </p> <p data-bbox="505 1131 800 1159">Degree of protection: IP40</p> <p data-bbox="505 1173 979 1201">Accessories: ERPD protective cover (IP67)</p> <p data-bbox="505 1226 748 1253">Order code: EPDL/O-I</p>	
<div data-bbox="29 1377 61 1524" data-label="Text">Illuminated</div>  <p data-bbox="215 1598 354 1629">EPDL/FO</p>	<p data-bbox="513 1293 951 1352">Illuminated double pushbutton with LEFT-RIGHT arrow</p> <p data-bbox="513 1392 675 1493">Color: </p> <p data-bbox="513 1514 808 1541">Degree of protection: IP40</p> <p data-bbox="513 1556 987 1583">Accessories: ERPD protective cover (IP67)</p> <p data-bbox="513 1608 756 1635">Order code: EPDL/FO</p>	
<div data-bbox="29 1751 61 1898" data-label="Text">Illuminated</div>  <p data-bbox="204 1971 370 2003">EPDLR/O-I</p>	<p data-bbox="508 1667 919 1726">Illuminated double pushbutton START-STOP with raised "0" button</p> <p data-bbox="508 1766 667 1866">Color: </p> <p data-bbox="508 1887 803 1915">Degree of protection: IP40</p> <p data-bbox="508 1929 992 1957">Accessories: ERPDR protective cover (IP67)</p> <p data-bbox="508 1982 773 2009">Order code: EPDLR/O-I</p>	

Note: To assemble the set, an interface - **EB** and a contact blocks (1) **EC/NO** or **EC/NC** and (2) **ECD** or **ECD/L** or **ECL** are required.

DOUBLE PUSHBUTTONS

Accessories for double pushbuttons



ERP D

Protective cover

Suitable for: **Double pushbuttons**

Degree of protection: **IP67**

Order code: **ERP D**



ERP DR



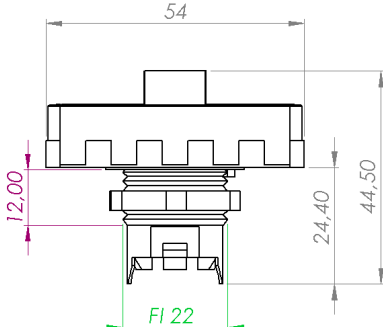
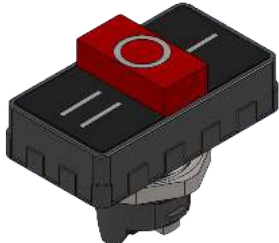

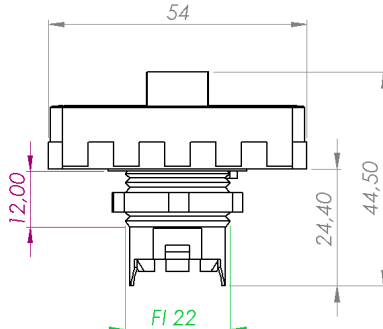
Protective cover

Suitable for: **Double pushbuttons with raised buttons**

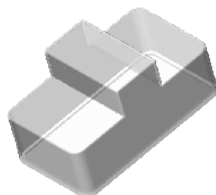
Degree of protection: **IP67**

Order code: **ERP DR**

TRIPLE PUSHBUTTONS

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 <p>EPD/FS</p>	<p>Triple pushbutton UP-DOWN with raised center button</p> <p>Color: </p> <p>Degree of protection: IP40</p> <p>Accessories: ERPDFS protective cover (IP67)</p> <p>Order code: EPD/FS</p>	
 <p>EPD/FS2</p>	<p>Triple pushbutton with raised "0" center button</p> <p>Color: </p> <p>Degree of protection: IP40</p> <p>Accessories: ERPDFS protective cover (IP67)</p> <p>Order code: EPD/FS2</p>	

Accessories for triple pushbuttons



ERPDFS

Protective cover

Suitable for: **Triple pushbuttons**

Degree of protection: **IP67**

Order code: **ERPDFS**

SELECTOR SWITCHES

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - **EB** and a contact block - **NO or NC** are required.



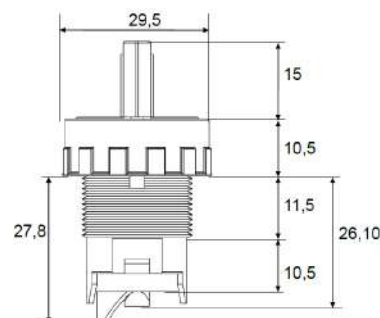
ES

Selector switch

Color options: 1 2 3 4 5 6

Degree of protection: IP65

Accessories: **Various protection options:**
PRS, OHC




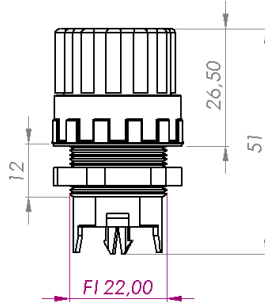
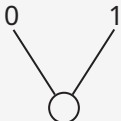


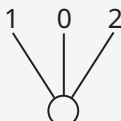
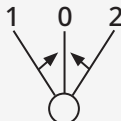
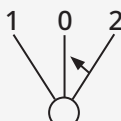
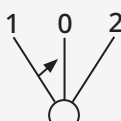
Position code	Position description *		Order code	
A		Fixed Left - Right	1 ES1-A 2 ES2-A 3 ES3-A	4 ES4-A 5 ES5-A 6 ES6-A
CD		Fixed Center - Right	1 ES1-CD 2 ES2-CD 3 ES3-CD	4 ES4-CD 5 ES5-CD 6 ES6-CD
CD/R		Momentary Center - Right	1 ES1-CD/R 2 ES2-CD/R 3 ES3-CD/R	4 ES4-CD/R 5 ES5-CD/R 6 ES6-CD/R
E		Fixed Left - Center - Right	1 ES1-E 2 ES2-E 3 ES3-E	4 ES4-E 5 ES5-E 6 ES6-E
E/RC		Fixed from left Maintained from right	1 ES1-E/RC 2 ES2-E/RC 3 ES3-E/RC	4 ES4-E/RC 5 ES5-E/RC 6 ES6-E/RC
E/RD		Fixed from left Momentary from right	1 ES1-E/RD 2 ES2-E/RD 3 ES3-E/RD	4 ES4-E/RD 5 ES5-E/RD 6 ES6-E/RD
E/RS		Fixed from right Momentary from left	1 ES1-E/RS 2 ES2-E/RS 3 ES3-E/RS	4 ES4-E/RS 5 ES5-E/RS 6 ES6-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 ESO	Rotary selector switch Color options: 1 2 3 4 5 6 Degree of protection: IP65 Accessories: Various protection options: PRS, OHC	
Position code	Position description*	Order code
A	 Fixed Left - Right	1 ESO1-A 4 ESO4-A 2 ESO2-A 5 ESO5-A 3 ESO3-A 6 ESO6-A
CD	 Fixed Center - Right	1 ESO1-CD 4 ESO4-CD 2 ESO2-CD 5 ESO5-CD 3 ESO3-CD 6 ESO6-CD
CD/R	 Momentary Center - Right	1 ESO1-CD/R 4 ESO4-CD/R 2 ESO2-CD/R 5 ESO5-CD/R 3 ESO3-CD/R 6 ESO6-CD/R
E	 Fixed Left - Center - Right	1 ESO1-E 4 ESO4-E 2 ESO2-E 5 ESO5-E 3 ESO3-E 6 ESO6-E
E/RC	 Momentary from left - from right	1 ESO1-E/RC 4 ESO4-E/RC 2 ESO2-E/RC 5 ESO5-E/RC 3 ESO3-E/RC 6 ESO6-E/RC
E/RD	 Fixed from left Momentary from right	1 ESO1-E/RD 4 ESO4-E/RD 2 ESO2-E/RD 5 ESO5-E/RD 3 ESO3-E/RD 6 ESO6-E/RD
E/RS	 Fixed from right Momentary from left	1 ESO1-E/RS 4 ESO4-E/RS 2 ESO2-E/RS 5 ESO5-E/RS 3 ESO3-E/RS 6 ESO6-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - **EB** and a contact block - **NO or NC** are required.



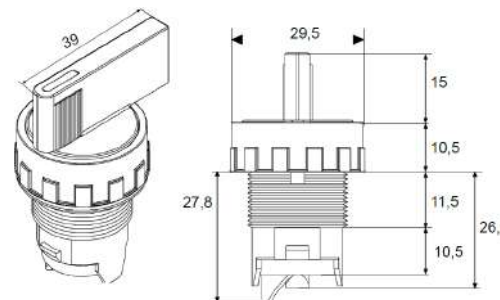
ESP

Lever selector switch

Color options: 1 2 3 4 5 6

Degree of protection: **IP65**

Accessories: **Various protection options:**
OHC



Position code	Position description *		Order code	
A		Fixed Left - Right	1 ESP1-A 2 ESP2-A 3 ESP3-A	4 ESP4-A 5 ESP5-A 6 ESP6-A
CD		Fixed Center - Right	1 ESP1-CD 2 ESP2-CD 3 ESP3-CD	4 ESP4-CD 5 ESP5-CD 6 ESP6-CD
CD/R		Momentary Center - Right	1 ESP1-CD/R 2 ESP2-CD/R 3 ESP3-CD/R	4 ESP4-CD/R 5 ESP5-CD/R 6 ESP6-CD/R
E		Fixed Left - Center - Right	1 ESP1-E 2 ESP2-E 3 ESP3-E	4 ESP4-E 5 ESP5-E 6 ESP6-E
E/RC		Momentary from left - from right	1 ESP1-E/RC 2 ESP2-E/RC 3 ESP3-E/RC	4 ESP4-E/RC 5 ESP5-E/RC 6 ESP6-E/RC
E/RD		Fixed from left Momentary from right	1 ESP1-E/RD 2 ESP2-E/RD 3 ESP3-E/RD	4 ESP4-E/RD 5 ESP5-E/RD 6 ESP6-E/RD
E/RS		Fixed from right Momentary from left	1 ESP1-E/RS 2 ESP2-E/RS 3 ESP3-E/RS	4 ESP4-E/RS 5 ESP5-E/RS 6 ESP6-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - **EB** and a contact blocks (1) **EC/NO** or **EC/NC** and (2) **ECD** or **ECD/L** or **ECL** are required.



ESL

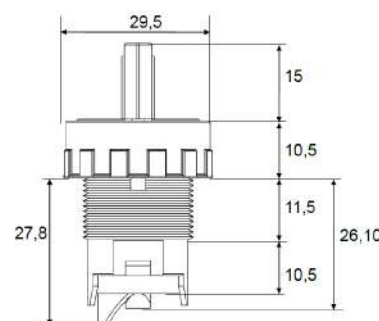
Illuminated selector switch

Color options: **2** **3** **4** **5** **6**

Degree of protection: **IP65**

Accessories: **Various protection options:**

PRS, OHC

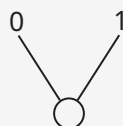


Position code

Position description*

Order code

A



Fixed
Left - Right

2

ESL2-A

5

ESL5-A

3

ESL3-A

6

ESL6-A

4

ESL4-A

CD



Fixed
Center - Right

2

ESL2-CD

5

ESL5-CD

3

ESL3-CD

6

ESL6-CD

4

ESL4-CD

CD/R



Momentary
Center - Right

2

ESL2-CD/R

5

ESL5-CD/R

3

ESL3-CD/R

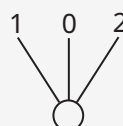
6

ESL6-CD/R

4

ESL4-CD/R

E



Fixed
Left - Middle - Right

2

ESL2-E

5

ESL5-E

3

ESL3-E

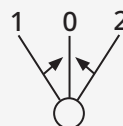
6

ESL6-E

4

ESL4-E

E/RC



Momentary
from left - from right

2

ESL2-E/RC

5

ESL5-E/RC

3

ESL3-E/RC

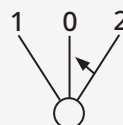
6

ESL6-E/RC

4

ESL4-E/RC

E/RD



Fixed from left
Momentary from right

2

ESL2-E/RD

5

ESL5-E/RD

3

ESL3-E/RD

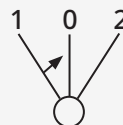
6

ESL6-E/RD

4

ESL4-E/RD

E/RS



Fixed from right
Momentary from left

2

ESL2-E/RS

5

ESL5-E/RS

3

ESL3-E/RS

6

ESL6-E/RS

4

ESL4-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - [EB](#) and a contact block - [NO](#) or [NC](#) are required.

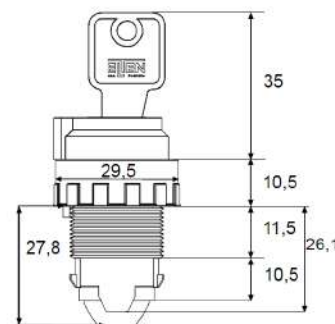


ESC

Key selector switch

Degree of protection: **IP65**

Accessories: **Various protection options,**
Spare key for ESC and EFC



Position code	Position description*	Key Withdraw Position**	Order code
A		U	ESC-A-U
		W	ESC-A-W
		Y	ESC-A-Y
CD		V	ESC-CD-V
		W	ESC-CD-W
		J	ESC-CD-J
CD/R		V	ESC-CD/R-V
E		V	ESC-E-V
		J	ESC-E-J
E/RC		V	ESC-E/RC-V
E/RD		X	ESC-E/RD-X
E/RS		Z	ESC-E/RS-Z

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

** Key withdrawal is possible at positions marked with a black square. ■

SELECTOR SWITCHES

Accessories for selector switches



PRS4/YELLOW

Protection for selector switches

Color: ●

Suitable for: **Switches ES, ESO, ESL, ESC**

Order code: **PRS4/YELLOW**



PRS7/GREY

Protection for selector switches

Color: ●

Suitable for: **Switches ES, ESO, ESL, ESC**

Order code: **PRS7/GREY**

JOYSTICK - LEVER SWITCHES

Product

Description

Dimensions (mm)

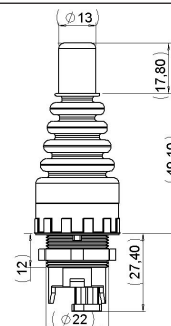
Note: To assemble the set, an interface - **EB** and a contact block - **NO or NC** are required.



EM

Lever switch

Degree of protection: **IP65**



Position code	Position description *		Order code
EM1F		Fixed 1 position	EM1F
EM2F		Fixed 2 positions	EM2F
EM4F		Fixed 4 positions	EM4F
EM1R		Momentary 1 position	EM1R
EM2R		Momentary 2 positions	EM2R
EM4R		Momentary 4 positions	EM4R
EM1F-1R		Combined 1 fixed 1 momentary	EM1F-1R
EM1F-3R		Combined 1 fixed 3 momentary	EM1F-3R

*Arrows indicate that the joystick automatically returns to the original "0" position.

JOYSTICK - LEVER SWITCHES

Product

Description

Dimensions (mm)

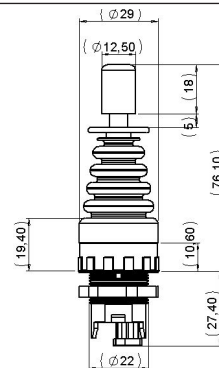
Note: To assemble the set, an interface - **EB** and a contact block - **NO or NC** are required.



EMB

Lever switch with lock


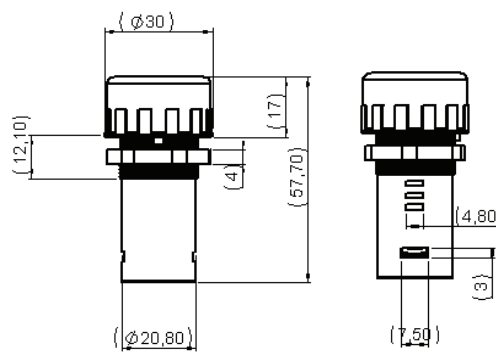
Degree of protection: **IP65**




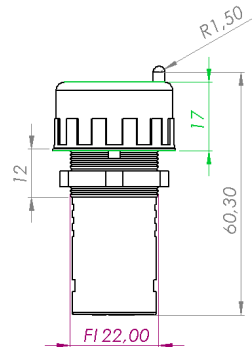
Position code	Position description *		Order code
EMB1F		Fixed with locking in "0" 1 position	EMB1F
EMB2F		Fixed with locking in "0" 2 positions	EMB2F
EMB4F		Fixed with locking in "0" 4 positions	EMB4F
EMB1R		Momentary with locking in "0" 1 position	EMB1R
EMB2R		Momentary with locking in "0" 2 positions	EMB2R
EMB4R		Momentary with locking in "0" 4 positions	EMB4R

*Arrows indicate that the joystick automatically returns to the original "0" position.


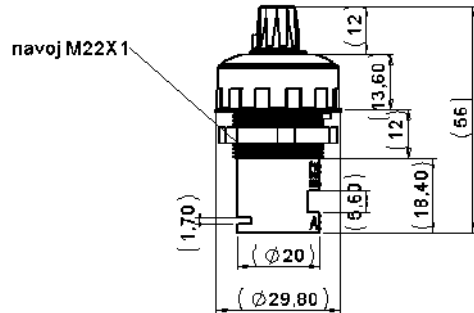
INDICATOR LIGHTS

Product	Description	Dimensions (mm)										
Note: To assemble the set, an interface - EB and a contact block ECD or ECD/L or ECL are required.												
 EL	Indicator light Color options: 2 3 4 5 6 Degree of protection: IP65 Order code: EL2, EL3, EL4, EL5, EL6											
Note: The set already includes the appropriate contact block.												
 ELE	Indicator light with BA9S contacts Color options: 2 3 4 5 6 Degree of protection: IP67 Accessories: Ba9s bulb Order code: ELE2, ELE3, ELE4, ELE5, ELE6											
 ELE/L	LED Indicator Light with contacts 24V - 230V Color options: 2 3 4 5 6 Degree of protection: IP67 Order code: <table><tr><td>ELE/L2 - 24V</td><td>ELE/L2 - 230V</td></tr><tr><td>ELE/L3 - 24V</td><td>ELE/L3 - 230V</td></tr><tr><td>ELE/L4 - 24V</td><td>ELE/L4 - 230V</td></tr><tr><td>ELE/L5 - 24V</td><td>ELE/L5 - 230V</td></tr><tr><td>ELE/L6 - 24V</td><td>ELE/L6 - 230V</td></tr></table>	ELE/L2 - 24V	ELE/L2 - 230V	ELE/L3 - 24V	ELE/L3 - 230V	ELE/L4 - 24V	ELE/L4 - 230V	ELE/L5 - 24V	ELE/L5 - 230V	ELE/L6 - 24V	ELE/L6 - 230V	
ELE/L2 - 24V	ELE/L2 - 230V											
ELE/L3 - 24V	ELE/L3 - 230V											
ELE/L4 - 24V	ELE/L4 - 230V											
ELE/L5 - 24V	ELE/L5 - 230V											
ELE/L6 - 24V	ELE/L6 - 230V											
 ELE/R	Buzzer 24V AC/DC loudness 85 dB Degree of protection: IP40 Order code: ELE/R											


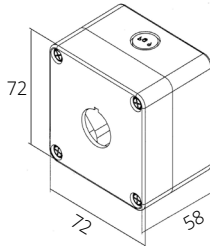
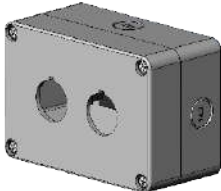
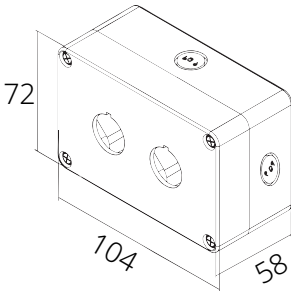
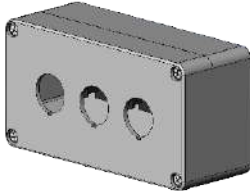
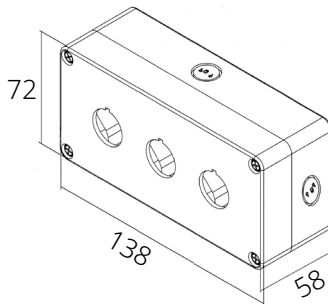

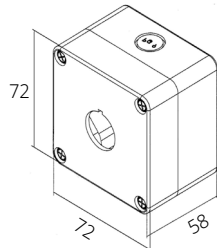
INDICATOR LIGHTS

Product	Description	Dimensions (mm)
<i>Note: The set already includes the appropriate contact block.</i>		
 <p>ELE/RL</p>	<p>Buzzer with diode 24V AC/DC loudness 85 dB</p> <p>Degree of protection: IP40</p> <p>Order code: ELE/RL</p>	



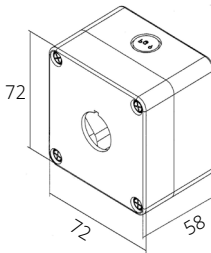
POTENTIOMETER

Product	Description	Dimensions (mm)
<i>Note: The set already includes the appropriate contact block.</i>		
 <p>Potentiometer</p>	<p>Potentiometer</p> <p>Order code: Potentiometer</p>	


ENCLOSURES

Product	Description	Dimensions (mm)
<i>Note: The enclosure already includes plates for mounting the contact block - EC/NC-EV or EC/NO-EV or ECD-EV</i>		
 <p>EV1</p>	<p>Grey enclosure with 1 opening</p> <p>Color: ●</p> <p>Opening diameter: Ø22</p> <p>Degree of protection: IP65</p> <p>Order code: EV1</p>	
 <p>EV2</p>	<p>Grey enclosure with 2 openings</p> <p>Color: ●</p> <p>Opening diameter: Ø22</p> <p>Degree of protection: IP65</p> <p>Order code: EV2</p>	
 <p>EV3</p>	<p>Grey enclosure with 3 openings</p> <p>Color: ●</p> <p>Opening diameter: Ø22</p> <p>Degree of protection: IP65</p> <p>Order code: EV3</p>	
 <p>EVG1</p>	<p>Yellow enclosure with 1 opening and printing option</p> <p>Color: ●</p> <p>Opening diameter: Ø22</p> <p>Degree of protection: IP65</p> <p>Printing option: STOP STOP STOP EMERGENCY STOP</p> <p>Order code: EVG1/WITHOUT PRINT EVG1/3xSTOP EVG1/EMERGENCY STOP</p>	

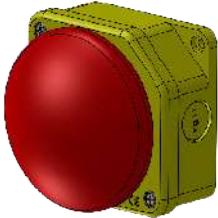


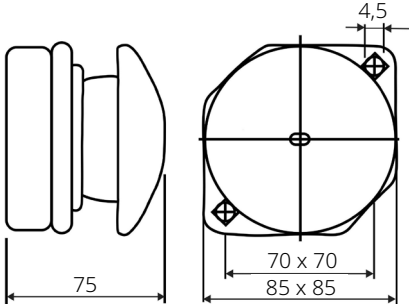
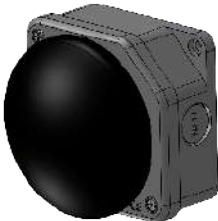


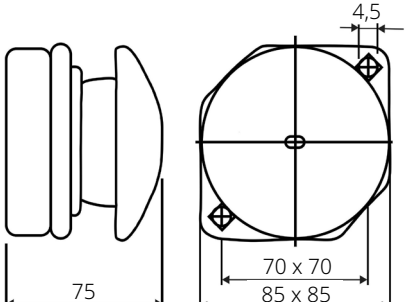
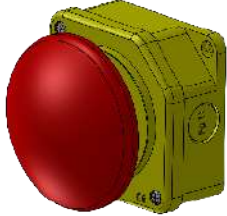


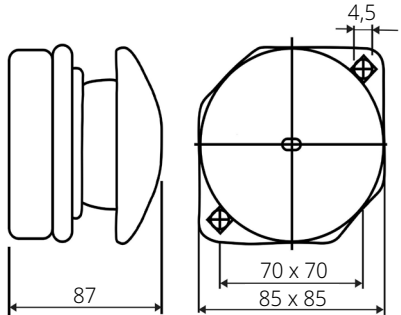



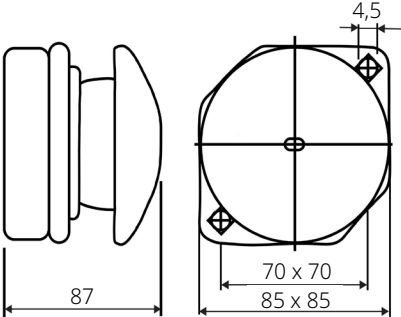
ENCLOSURES

Product	Description	Dimensions (mm)
<i>Note: The enclosure already includes plates for mounting the contact block - EC/NC-EV or EC/NO-EV or ECD-EV</i>		
 <p>EVG1Č</p>	<p>Black-yellow enclosure with 1 opening and printing option</p> <p>Color: </p> <p>Opening diameter: Ø22</p> <p>Degree of protection: IP65</p> <p>Printing option: STOP STOP STOP EMERGENCY STOP</p> <p>Order code: EVG1Č/ WITHOUT PRINT EVG1Č/3xSTOP EVG1Č/EMERGENCY STOP</p>	

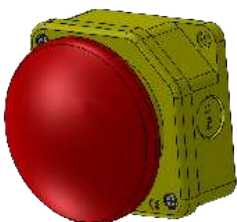


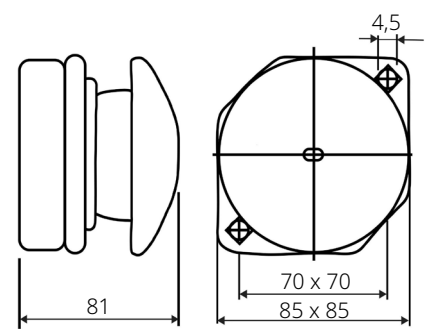



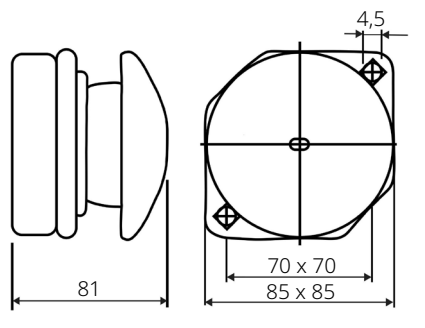
Accessories for enclosures

 <p>T22</p>	<p>Blank plug</p> <p>Plug diameter: Ø22,5</p> <p>Order code: T22-grey T22-black</p>
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MUSHROOM PUSHBUTTONS IN ENCLOSURE Ø90

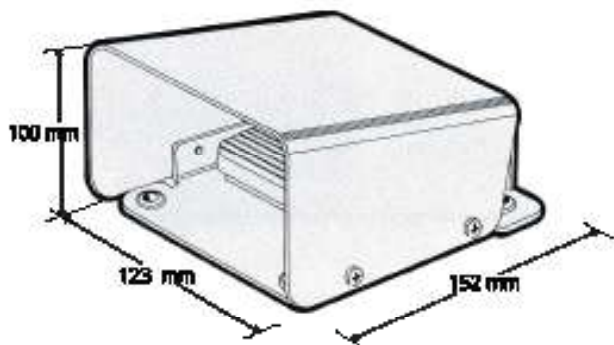
Product	Description	Dimensions (mm)
<i>Note: The set already includes the appropriate contact block.</i>		
 EVGC 90	Mushroom pushbutton Mushroom pushbutton diameter: Ø90 Enclosure color:  Mushroom pushbutton color:  Contact block: EC/NC Degree of protection: IP65 Order code: EVGC 90R/NC	
 EVC 90	Mushroom pushbutton Mushroom pushbutton diameter: Ø90 Enclosure color:  Mushroom pushbutton color:  Contact block: EC/NO Degree of protection: IP65 Order code: EVC 90Č/NO	
 EVG 90	Mushroom pushbutton with flexible head Ø90 Mushroom pushbutton diameter: Ø90 Enclosure color:  Mushroom pushbutton color:  Contact block: EC/NC Degree of protection: IP65 Order code: EVG 90R/NC	
 EV 90	Mushroom pushbutton with flexible head Ø90 Mushroom pushbutton diameter: Ø90 Enclosure color:  Mushroom pushbutton color:  Contact block: EC/NO Degree of protection: IP65 Order code: EV 90Č/NO	

MUSHROOM PUSHBUTTONS IN ENCLOSURE Ø90

Product	Description	Dimensions (mm)
<i>Note: The set already includes the appropriate contact block.</i>		
 <p>EVGPP 90</p>	<p>PUSH-PUSH mushroom pushbutton Ø90</p> <p>Mushroom pushbutton diameter: Ø90 Enclosure color:  Mushroom pushbutton color:  Contact block EC/NC Degree of protection: IP65 Order code: EVGPP 90R/NC</p>	
 <p>EVPP 90</p>	<p>PUSH-PUSH mushroom pushbutton Ø90</p> <p>Mushroom pushbutton diameter: Ø90 Enclosure color:  Mushroom pushbutton color:  Contact block EC/NO Degree of protection: IP65 Order code: EVPP 90Č/NO</p>	

FOOT SWITCH

Product



Z 03

Description

Foot switch with guard

Application: **Prevents accidental activation.**

The guard can be moved to the desired position with your foot. The cable inlet enables additional fastening of the cable guard tube. Unwanted movement of the foot switch is prevented by rubber feet.

Material: **A base is made of zinc plated mild steel sheet material, while a cover is made of painted mild steel sheet metal.**

Dimensions: **Length: 152 mm**
Width: 123 mm
Height: 100 mm

Weight: **1044 g**

Order code: **Z03**



FSM 02

Foot switch (without guard)

Application: **Triggering machines and devices (printing, screen printing, dosing devices, etc.).**

Unwanted sliding of the foot switch is prevented by rubber feet.


Material: **The trigger mechanism is made of polyacetal, filled with glass beads, and the housing is made of polyamide, reinforced with glass fibers. Using the best materials and very robust construction ensures reliable operation and long service life.**

Permissible load: **16 (4,0) A/250**

Degree of protection: **IP 22 according to DIN 40050**

Dimensions: **Length: 104 mm**
Width: 88 mm
Height: 28 mm

Weight: **118 g**

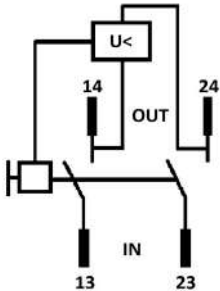
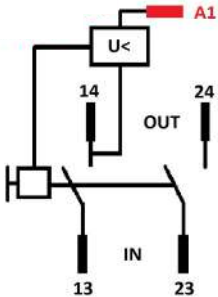
Color: 

Switching method: **Alternating contact, solder connection**


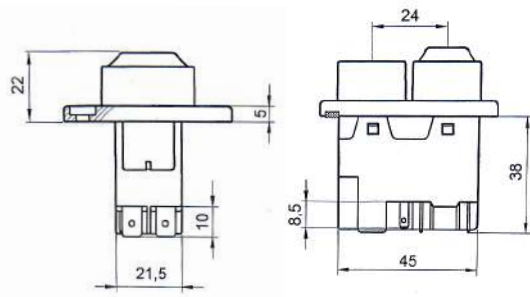

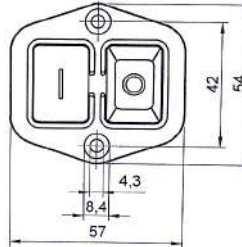

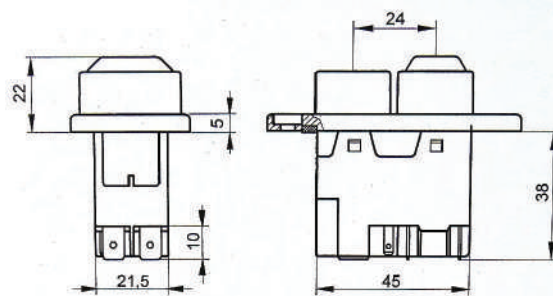

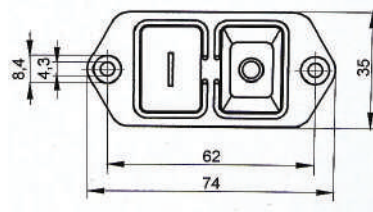
Order code: **FSM02**

ON-OFF PUSHBUTTONS 230V

Technical data

Product description	This is a double-pole ON/OFF switch with a seal, which due to electromagnetic settings automatically turns off in case of voltage drop during operation. For re-establishing power supply, the switch must be pressed to ON. This safety function prevents unwanted restart, especially when the switch is used in combination with electric tools.	
Switch operation	ON - OFF	
Contact voltage AC	230 V	
Contact diagram	<div> <div>4 contacts:</div>  </div> <div> <div>5 contacts:</div>  </div>	
Maximum current	16 A	
Degree of protection	IP40	
	With protective cap: IP65	
Operating temperature	From max. 65°C to min. -25°C	
Series	TRIPUS	

ON-OFF PUSHBUTTONS 230V

Product	Description	Dimensions (mm)
 <p>E3251/42/20</p>	<p>ON-OFF pushbutton with 4 contacts 230V</p> <p>Accessories: Emergency stop mushroom pushbutton Protective cap (IP65)</p> <p>Order code: E3251/42/20</p>	
 <p>E3251/42/21</p>	<p>ON-OFF pushbutton with 5 contacts 230V</p> <p>Accessories: Emergency stop mushroom pushbutton Protective cap (IP65)</p> <p>Order code: E3251/42/21</p>	
 <p>E3251/62/20</p>	<p>ON-OFF pushbutton with 4 contacts 230V</p> <p>Accessories: Emergency stop mushroom pushbutton Protective cap (IP65)</p> <p>Order code: E3251/62/20</p>	
 <p>E3251/62/21</p>	<p>ON-OFF pushbutton with 5 contacts 230V</p> <p>Accessories: Emergency stop mushroom pushbutton Protective cap (IP65)</p> <p>Order code: E3251/62/21</p>	

ON-OFF PUSHBUTTONS 230V

Emergency stop Mushroom pushbutton for E3251



PF42

Emergency stop Mushroom pushbutton

Suitable for: E3251/42/20
E3251/42/21

Order code: **PF42**



PF62

Emergency stop Mushroom pushbutton

Suitable for: E3251/62/20
E3251/62/21

Order code: **PF62**



PFB42

Emergency stop Mushroom pushbutton with twist reset

Suitable for: E3251/42/20
E3251/42/21

Order code: **PFB42**



PFB62

Emergency stop Mushroom pushbutton with twist reset

Suitable for: E3251/62/20
E3251/62/21

Order code: **PFB62**

Protection for E3251



PA42

Protection

Suitable for: E3251/42
Degree of protection: IP65

Order code: **PA42**



PA62

Protection

Suitable for: E3251/62
Degree of protection: IP65

Order code: **PA62**




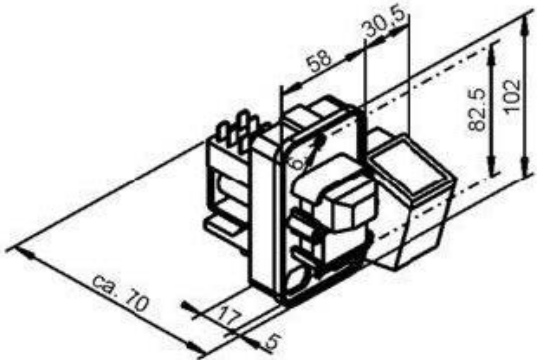
PP

Protection

Suitable for: E3251/42/62
Degree of protection: IP65

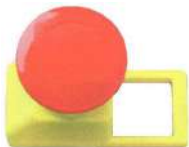










Order code: **PP**

ON-OFF PUSHBUTTON 400V

Product	Description	Dimensions (mm)
 E3251/400V	<p>ON-OFF pushbutton with mushroom 400V</p> <p>Contact voltage: 400V</p> <p>Order code: E3251/400V</p>	

MUSHROOM PUSHBUTTON

FOR ISKRA MOTOR CIRCUIT BREAKER MS25

Product	Description	Dimensions (mm)
 <p>EF/11</p>	<p>Mushroom pushbutton</p> <p>Enclosure color: </p> <p>Mushroom color: </p> <p>Accessories: Protective cap 11 (IP65)</p> <p>Order code: EF/CO</p>	 
 <p>EFB/11</p>	<p>Mushroom pushbutton with twist reset</p> <p>Enclosure color: </p> <p>Mushroom color: </p> <p>Accessories: Protective cap 11 (IP65)</p> <p>Order code: EFB/11</p>	
 <p>EFC/11</p>	<p>Mushroom pushbutton with key reset</p> <p>Enclosure color: </p> <p>Mushroom color: </p> <p>Accessories: Protective cap 11 (IP65)</p> <p>Order code: EFC/11</p>	

Accessories

 <p>opna/11</p>	<p>Protective cap</p> <p>Suitable for: EF/11, EFB/11, EFC/11</p> <p>Degree of protection: IP65</p> <p>Order code: opna/11</p>
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MUSHROOM PUSHBUTTON


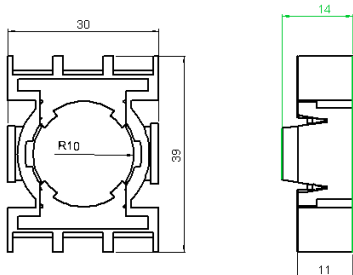
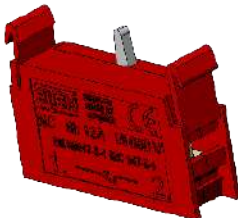
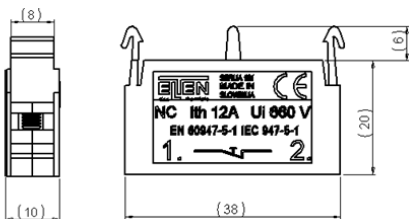

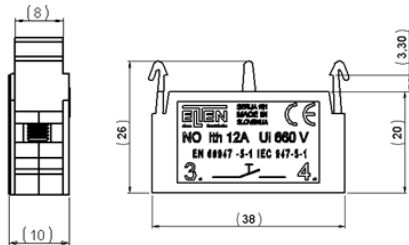
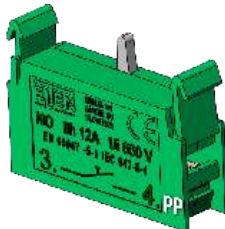
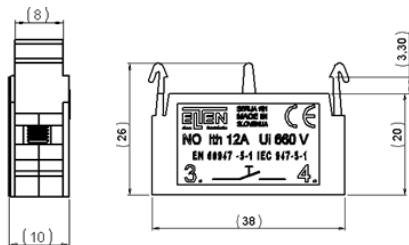
FOR ISKRA MOTOR CIRCUIT BREAKER MS32

Product	Description	Dimensions (mm)
 <p>EF/CO</p>	<p>Mushroom pushbutton</p> <p>Enclosure color: </p> <p>Mushroom color: </p> <p>Accessories: Protective cap 11 (IP65)</p> <p>Order code: EF/11</p>	 
 <p>EFB/CO</p>	<p>Mushroom pushbutton with twist reset</p> <p>Enclosure color: </p> <p>Mushroom color: </p> <p>Accessories: Protective cap 11 (IP65)</p> <p>Order code: EFB/CO</p>	
 <p>EFC/CO</p>	<p>Mushroom pushbutton with key reset</p> <p>Enclosure color: </p> <p>Mushroom color: </p> <p>Accessories: Protective cap 11 (IP65)</p> <p>Order code: EFC/CO</p>	

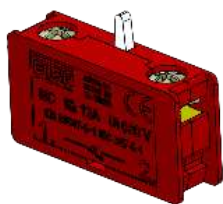
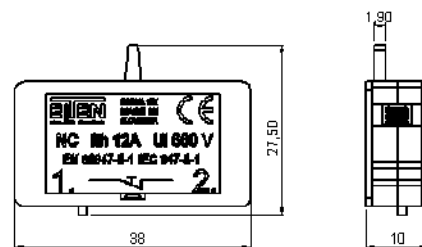
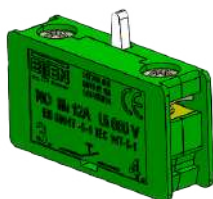
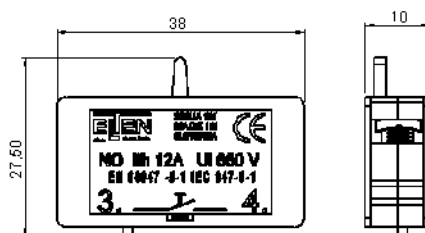


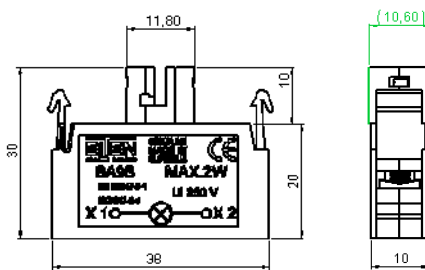
Accessories

 <p>opna/CS and CO</p>	<p>Protective cap</p> <p>Suitable for: EF/CO, EFB/CO, EFC/CO</p> <p>Degree of protection: IP65</p> <p>Order code: opna/CS and CO</p>
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INTERFACE / CONTACT BLOCKS

Product	Description	Dimensions (mm)
 <p>EB</p>	<p>Interface for mounting contact blocks</p> <p>Order code: EB</p>	
 <p>EC/NC</p>	<p>Normally closed contact block for mounting on interface</p> <p>Color: ●</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: EC/NC</p>	
 <p>EC/NO</p>	<p>Normally open contact block for mounting on interface</p> <p>Color: ●</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: EC/NO</p>	
 <p>EC/NO-PP</p>	<p>Normally open PUSH-PUSH contact block for mounting on interface</p> <p>Color: ●</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: EC/NO-PP</p>	

INTERFACE / CONTACT BLOCKS

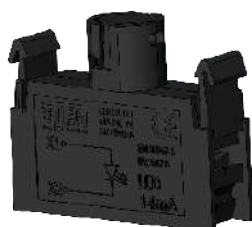
Product	Description	Dimensions (mm)
 <p>EC/NC-EV</p>	<p>Normally closed contact block for mounting in EV and EVK enclosures</p> <p>Color: ●</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: EC/NC-EV</p>	
 <p>EC/NO-EV</p>	<p>Normally open contact block for mounting in EV and EVK enclosures</p> <p>Color: ●</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: EC/NO-EV</p>	
 <p>ECD-EV</p>	<p>Contact block for direct BA9s lamp supply for mounting in EV and EVK enclosures</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: ECD-EV</p>	<p>NO IMAGE</p>
 <p>ECD</p>	<p>Contact block for direct BA9s lamp supply</p> <p>Color: ●</p> <p>Wire fixing: with screw</p> <p>Max. wire thickness: 2,5 mm</p> <p>Degree of protection: IP20</p> <p>Order code: ECD</p>	

INTERFACE / CONTACT BLOCKS

Product

Description

Dimensions (mm)



ECD/L

Contact block with LED diode

Color options: 2 3 4 5 6

Voltage: **from 12V to 24V - AC/DC**
from 130V to 230V - AC

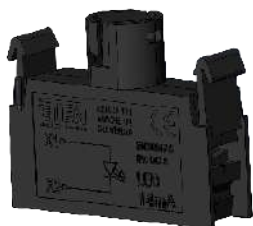
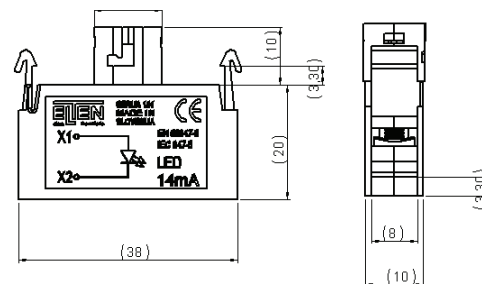
Wire fixing: **with screw**

Max. wire thickness: **2,5 mm**

Degree of protection: **IP20**

Order code:

ECD/L2 - 24V	ECD/L2 - 130 V - 230 V
ECD/L3 - 24V	ECD/L3 - 130 V - 230 V
ECD/L4 - 24V	ECD/L4 - 130 V - 230 V
ECD/L5 - 24V	ECD/L5 - 130 V - 230 V
ECD/L6 - 24V	ECD/L6 - 130 V - 230 V



ECL

Contact block with flashing LED diode

Color options: 2 3 4 5 6

Voltage: **24V - AC/DC**
from 130V to 230V - AC

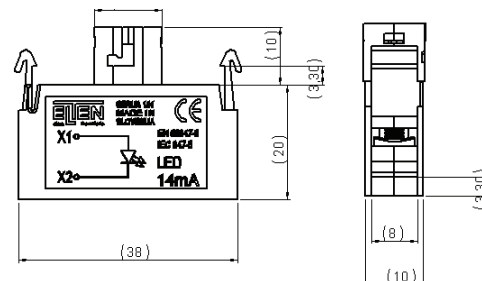
Wire fixing: **with screw**

Max. wire thickness: **2,5 mm**

Degree of protection: **IP20**


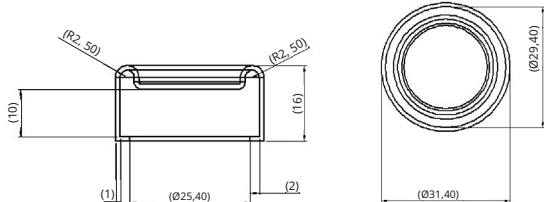

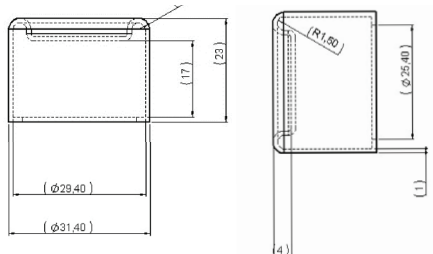

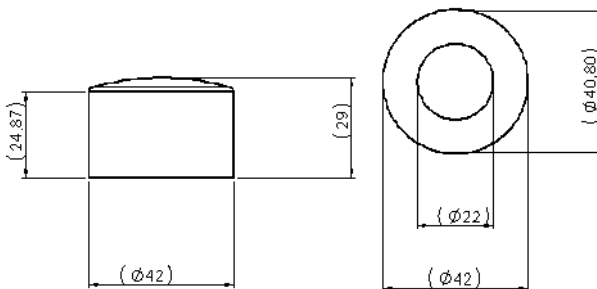

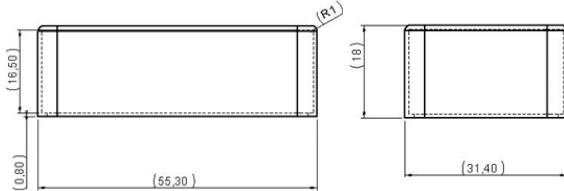
Order code:

ECL2 - 24V	ECL2 - 130 V - 230 V
ECL3 - 24V	ECL3 - 130 V - 230 V
ECL4 - 24V	ECL4 - 130 V - 230 V
ECL5 - 24V	ECL5 - 130 V - 230 V
ECL6 - 24V	ECL6 - 130 V - 230 V




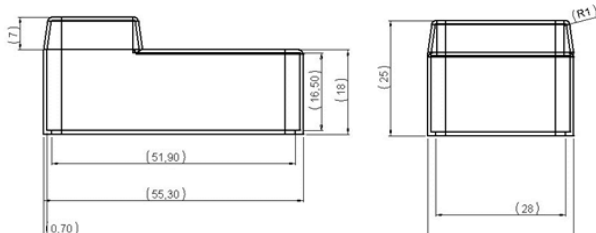
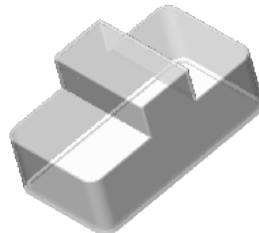
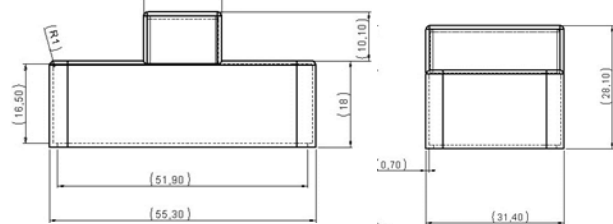

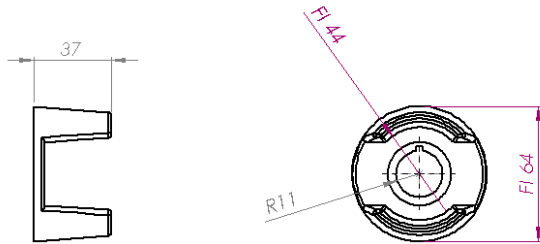

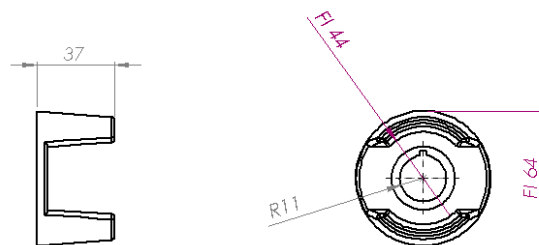
ACCESSORIES AND OTHER

PROTECTIVE CAPS / RINGS / LOCKS

Product	Description	Dimensions (mm)
 <p>ERPR</p>	<p>Protective cap</p> <p>Suitable for: ER pushbuttons Material: PVC Degree of protection: IP67</p> <p>Order code: ERPR</p>	
 <p>ERPL</p>	<p>Protective cap</p> <p>Suitable for: ERL Illuminated pushbuttons Material: PVC Degree of protection: IP67</p> <p>Order code: ERPL</p>	
 <p>ERPF</p>	<p>Protective cap</p> <p>Suitable for: EF/40 and EF/40NT mushroom pushbuttons Material: PVC Degree of protection: IP67</p> <p>Order code: ERPF</p>	
 <p>ERPD</p>	<p>Protective cap</p> <p>Suitable for: Double pushbuttons Material: PVC Degree of protection: IP67</p> <p>Order code: ERPD</p>	


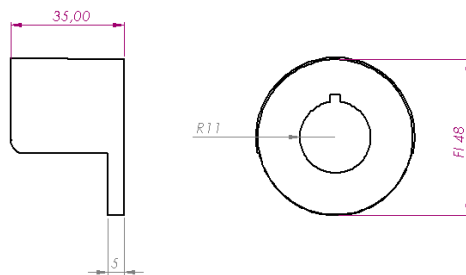

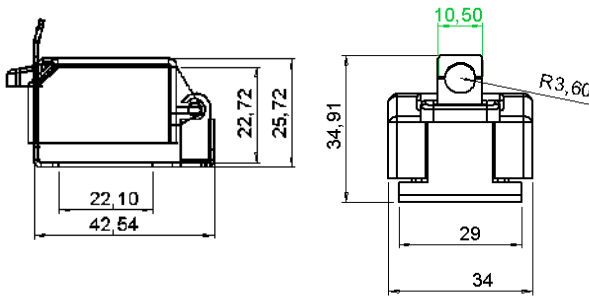


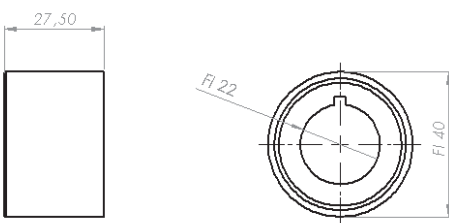


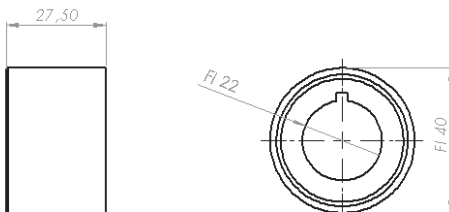
ACCESSORIES AND OTHER

PROTECTIVE CAPS / RINGS / LOCKS

Product	Description	Dimensions (mm)
 <p>ERPDR</p>	<p>Protective cap</p> <p>Suitable for: Raised double pushbuttons Material: PVC Degree of protection: IP67</p> <p>Order code: ERPDR</p>	
 <p>ERPDFS</p>	<p>Protective cap</p> <p>Suitable for: Triple pushbuttons Material: PVC Degree of protection: IP67</p> <p>Order code: ERPDFS</p>	
 <p>OHC/YELLOW</p>	<p>Uncontrolled release / activation protection</p> <p>Suitable for: Pushbuttons, mushroom pushbuttons, selector switches Material: Metal ring Color: ●</p> <p>Order code: OHC/YELLOW</p>	
 <p>OHC/GREY</p>	<p>Uncontrolled release / activation protection</p> <p>Suitable for: Pushbuttons, mushroom pushbuttons, selector switches Material: Plastic ring Color: ●</p> <p>Order code: OHC/GREY</p>	































ACCESSORIES AND OTHER

PROTECTIVE CAPS / RINGS / LOCKS

Product	Description	Dimensions (mm)
 <p>OHC/K</p>	<p>Uncontrolled release / activation protection</p> <p>Suitable for: Pushbuttons, mushroom pushbuttons, selector switches</p> <p>Material: Metal ring</p> <p>Order code: OHC/K</p>	
 <p>PC/P</p>	<p>Lock for pushbuttons</p> <p>Suitable for: ER pushbuttons ERL illuminated pushbuttons</p> <p>Material: polycarbonate and metal</p> <p>Order code: PC/P</p>	
 <p>PRS4/YELLOW</p>	<p>Protective ring for selector switches</p> <p>Suitable for: ES, ESO, ESL, ESC selector switches</p> <p>Material: PVC</p> <p>Color: </p> <p>Order code: PRS4/YELLOW</p>	
 <p>PRS7/GREY</p>	<p>Protective ring for selector switches</p> <p>Suitable for: ES, ESO, ESL, ESC selector switches</p> <p>Material: PVC</p> <p>Color: </p> <p>Order code: PRS7/GREY</p>	

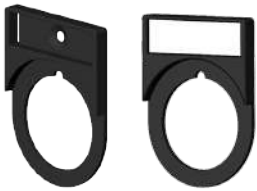
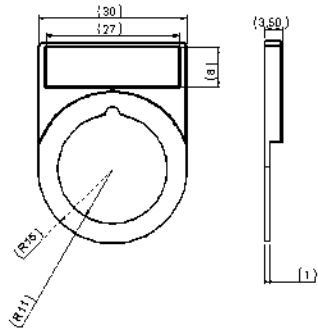
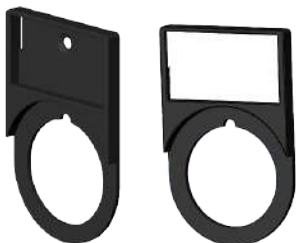
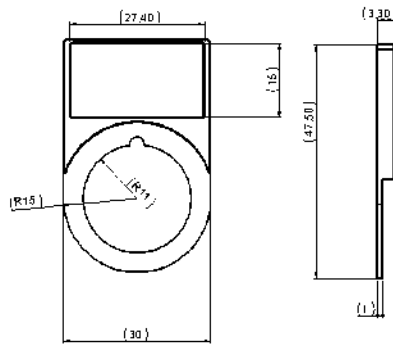

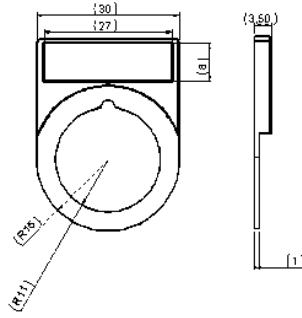
ACCESSORIES AND OTHER

SYMBOLS – AVAILABLE FOR PRINTING ON ER BUTTON

Symbol	Order Code	Symbol	Order Code	Symbol	Order Code
	Symbol 1		Symbol 11		Symbol 21
	Symbol 2		Symbol 12		Symbol 22
	Symbol 3		Symbol 13		Symbol 23
	Symbol 4		Symbol 14		Symbol 24
	Symbol 5		Symbol 15		Symbol 25
	Symbol 6		Symbol 16		Symbol 26
	Symbol 7		Symbol 17		Symbol 27
	Symbol 8		Symbol 18		Symbol 28
	Symbol 9		Symbol 19		Symbol 29
	Symbol 10		Symbol 20		Symbol 30

ACCESSORIES AND OTHER

LABEL PLATES

Product	Description	Dimensions (mm)
 <p>EQ8</p>	<p>Label plate</p> <p>Material: PVC Options: Transparent plate Print or engraving on plate</p> <p>Order code: EQ8/transparent plate EQ8/engraving foil</p>	
 <p>EQ15</p>	<p>Label plate</p> <p>Material: PVC Options: Transparent plate Print or engraving on plate</p> <p>Order code: EQ15/transparent plate EQ15/engraving foil</p>	
 <p>EQ8R/STOP</p>	<p>Label plate STOP</p> <p>Material: PVC</p> <p>Order code: EQ8R/STOP</p>	

ACCESSORIES AND OTHER

MARKING RINGS

Product

Description

Dimensions (mm)



ED40

Marking ring

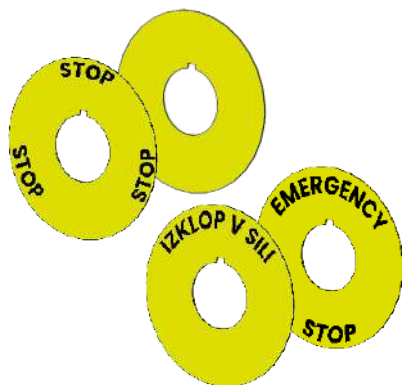
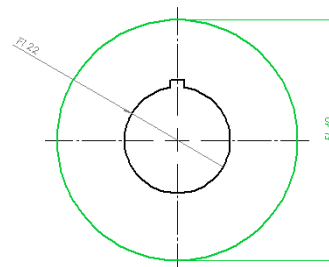
Diameter: $\varnothing 40$

Ring color: ●

Material: PVC

Printing options: **STOP STOP STOP**
EMERGENCY STOP

Order code: **ED40/BLANK**
ED40/3X STOP
ED40/EMERGENCY STOP



ED60

Marking ring

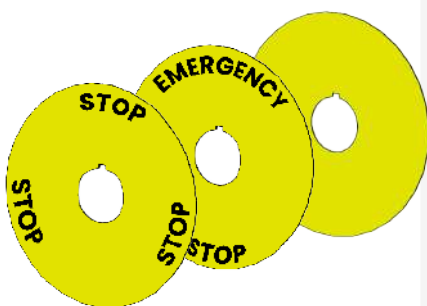
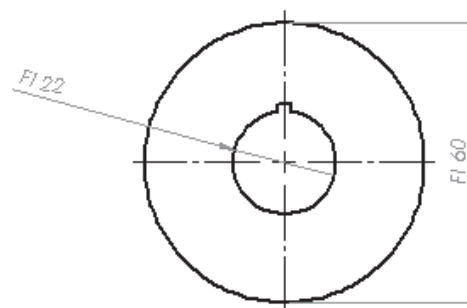
Diameter: $\varnothing 40$

Ring color: ●

Material: PVC

Printing options: **STOP STOP STOP**
IZKLOP V SILI
EMERGENCY STOP

Order code: **ED60/BLANK**
ED60/3XSTOP
ED60/EMERGENCY STOP
ED60/IZKLOP V SILI



ED90

Marking ring

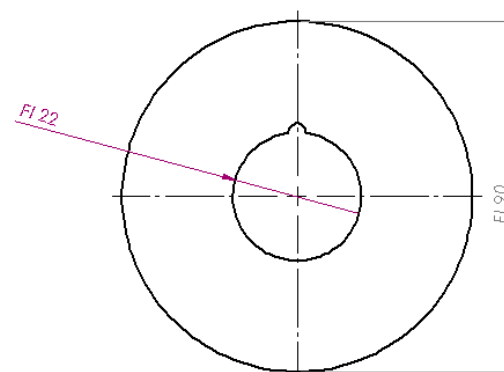
Diameter: $\varnothing 40$

Ring color: ●

Material: PVC


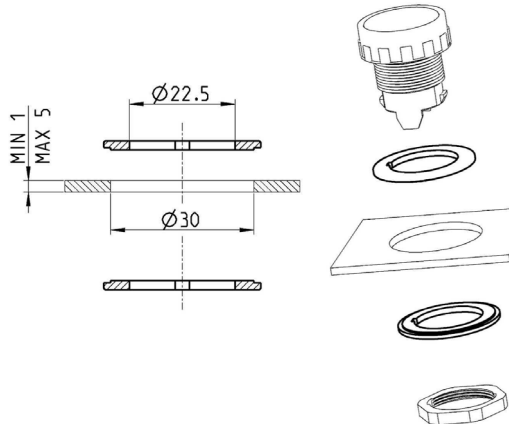

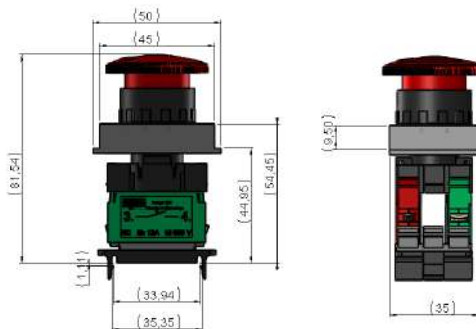



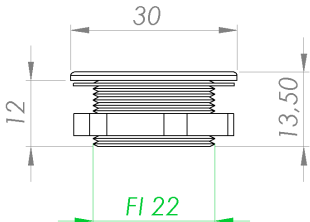

Printing options: **STOP STOP STOP**
EMERGENCY STOP

Order code: **ED90/BLANK**
ED90/3X STOP
ED90/EMERGENCY STOP












ACCESSORIES AND OTHER

ACCESSORIES FOR MOUNTING

Product	Description	Dimensions (mm)
 <p>Adapter FI 30/22</p>	<p>Adapter for Ø30 - Ø22 opening</p> <p>Suitable for: Mounting entire series of pushbuttons</p> <p>Material: PA6-nylon</p> <p>Order code: Adapter FI 30/22</p>	
	<p>Mounting on DIN 35</p> <p>Mounting accessory: Plate Adapter</p> <p>Order code: EB (plate)/DIN3 ADAPTER/grey for DIN35</p>	
 <p>T22</p>	<p>Blank plug</p> <p>Plug diameter: Ø22,5</p> <p>Suitable for: All EV enclosures and control panels</p> <p>Color options:  </p> <p>Order code: T22-grey T22-black</p>	
 <p>Spare key</p>	<p>Spare key</p> <p>Packaging: 2 spare keys per set</p> <p>Suitable for: EFC and MFC mushroom pushbuttons with twist reset ESC and MSC selector switches</p> <p>Order code: Spare key</p>	<p>NO IMAGE</p>

ACCESSORIES AND OTHER

MONOLED Ba9s


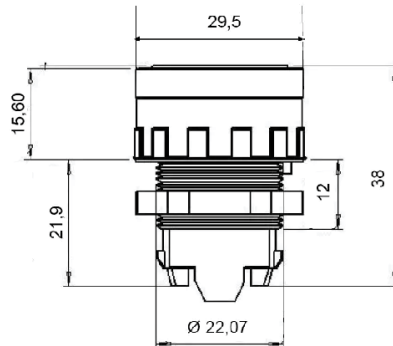

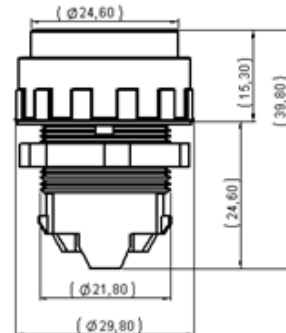

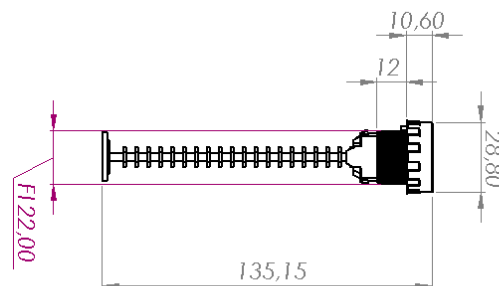
Bayonet	Voltage	Dimensions	Color	Order code
Ba9s	24 V / AC-DC (max. 30 V)	10 mm x 25 mm	  	MONOLED Ba9s 24V / AC-DC / RED MONOLED Ba9s 24V / AC-DC / GREEN MONOLED Ba9s 24V / AC-DC / WHITE
Ba9s	110 V	10 mm x 25 mm		MONOLED Ba9s 110V / AC / GREEN
Ba9s	220 V / AC (max. 240 V)	10 mm x 25 mm	  	MONOLED Ba9s 220V / AC / RED MONOLED Ba9s 220V / AC / GREEN MONOLED Ba9s 220V / AC / WHITE
Ba9s	110 V – 130 V / DC	10 mm x 25 mm		MONOLED Ba9s 110V / DC / WHITE
Ba9s	220 V / DC	10 mm x 25 mm		MONOLED Ba9s 220V / DC / WHITE

ACCESSORIES AND OTHER

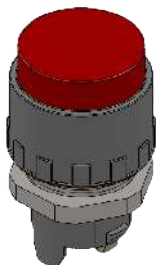
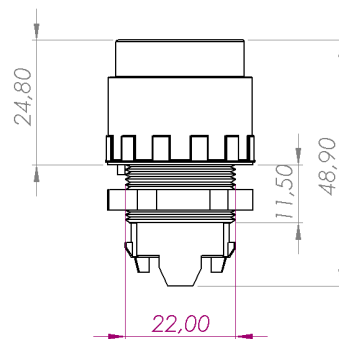
Ba9s BULB WITH FILAMENT

Bayonet	Voltage	W	Dimensions	Order code
Ba9s	6	1,2	10 mm x 28 mm	BULB Ba9s 6V / 1,2W / 10x28
Ba9s	12	1,2	10 mm x 28 mm	BULB Ba9s 12V / 1,2W / 10x28
Ba9s	24	1,2	10 mm x 28 mm	BULB Ba9s 24V / 1,2W / 10x28
Ba9s	24 - 30	2	10 mm x 28 mm	BULB Ba9s 24-30V / 1,2W / 10x28
Ba9s	28	1,2	10 mm x 28 mm	BULB Ba9s 28V / 1,2W / 10x28
Ba9s	30	1,2	10 mm x 28 mm	BULB Ba9s 30V / 1,2W / 10x28
Ba9s	60	1,2	10 mm x 28 mm	BULB Ba9s 60V / 1,2W / 10x28
Ba9s	130	1,2	10 mm x 28 mm	BULB Ba9s 130V / 1,2W / 10x28
Ba9s	220 - 230	2	10 mm x 28 mm	BULB Ba9s 220-230V / 2W / 10x28
Ba9s	24	1,2	9 mm x 23 mm	BULB Ba9s 24V / 1,2W / 9x23

PUSHBUTTONS

Product	Description	Dimensions (mm)
<p><i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i></p>		
 <p>MR</p>	<p>Flushbutton</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPR protective cap (IP67), Pushbutton lock, RESET rod</p> <p>Order code: MR1, MR2, MR3, MR4, MR5, MR6</p>	
 <p>MRR</p>	<p>Pushbutton with extended button</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPR protective cover (IP67)</p> <p>Order code: MRR1, MRR2, MRR3, MRR4, MRR5, MRR6</p>	
 <p>MR/RESET</p>	<p>Reset pushbutton</p> <p>Color options:</p> <p>5 - Blue button with white print "R"</p> <p>6 - White button with black print "R"</p> <p>Order code: MR5/RESET, MR6/RESET</p>	

Note: To assemble the set, an interface - [EB](#) and a contact block [EC/NO-PP](#) or [EC/NC](#) are required.

 <p>MR/PP</p>	<p>PUSH-PUSH pushbutton</p> <p>Color options: 1 2 3 4 5 6</p> <p>Degree of protection: IP65</p> <p>Order code: MR1/PP, MR2/PP, MR3/PP, MR4/PP, MR5/PP, MR6/PP</p>	
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PUSHBUTTONS

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - [EB](#) and a contact blocks (1) [EC/NO](#) or [EC/NC](#) and (2) [ECD](#) or [ECD/L](#) or [ECL](#) are required.



MRL

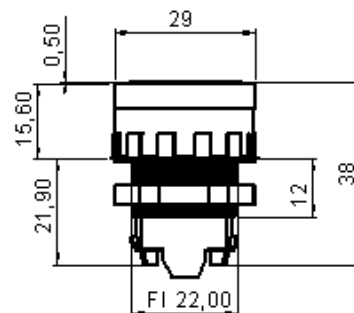
Illuminated pushbutton

Color options: [2](#) [3](#) [4](#) [5](#) [6](#)

Degree of protection: IP65

Accessories: ERPL protective cover (IP67),
PC/P pushbutton lock,
RESET rod

Order code: **MRL2, MRL3,
MRL4, MRL5, MRL6**



Note: To assemble the set, an interface - [EB](#) and a contact blocks (1) [EC/NO-PP](#) or [EC/NC](#) and (2) [ECD](#) or [ECD/L](#) or [ECL](#) are required.



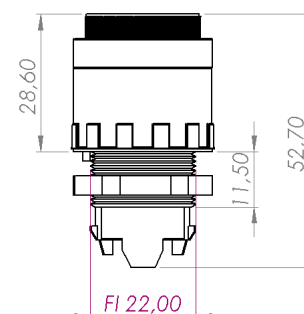
MRL/PP

Illuminated PUSH-PUSH pushbutton

Color options: [2](#) [3](#) [4](#) [5](#) [6](#)

Degree of protection: IP65

Order code: **MRL2/PP, MRL3/PP,
MRL4/PP, MRL5/PP,
MRL6/PP**



Accessories for metal pushbuttons




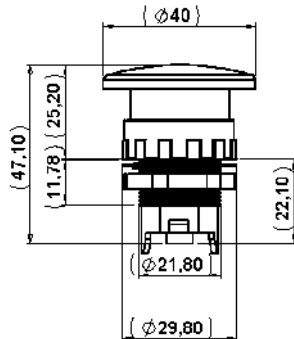

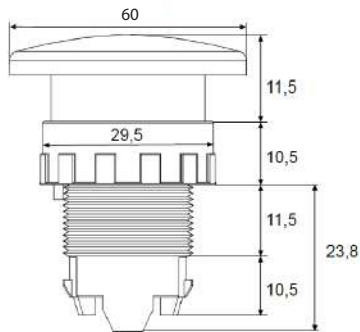

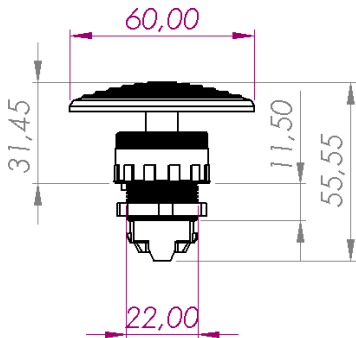
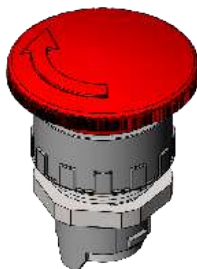
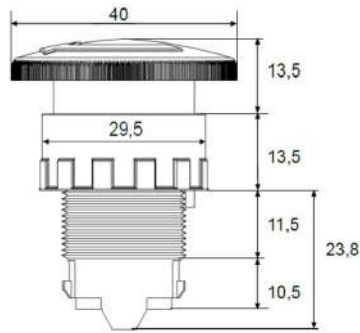
PC/M

Pushbutton lock

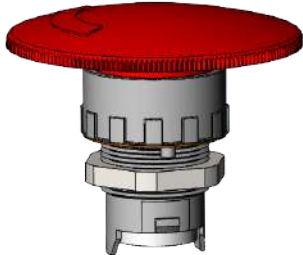
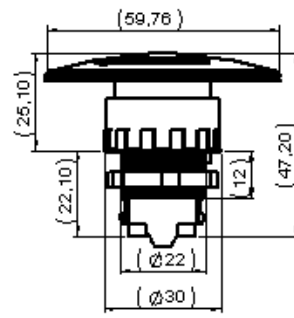

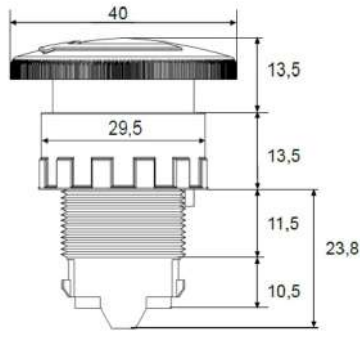
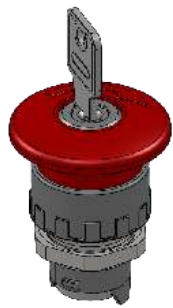
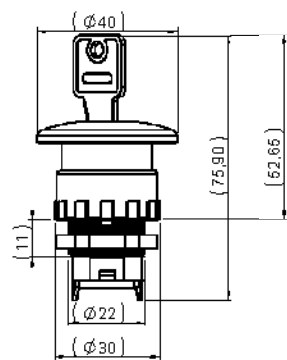

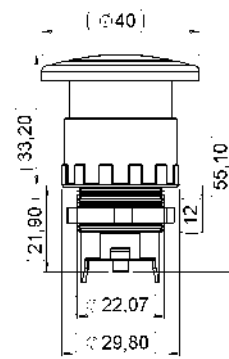
Suitable for: **MR pushbutton,
MRL illuminated pushbutton**

Order code: **PC/M**

MUSHROOM PUSHBUTTONS

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 <p>MF/40</p>	<p>Mushroom pushbutton</p> <p>Mushroom diameter: $\varnothing 40$</p> <p>Color options: ① ② ③</p> <p>Degree of protection: IP65</p> <p>Accessories: ERPF protective cover (IP67)</p> <p>Order code: MF1/40, MF2/40, MF3/40</p>	
 <p>MF/60</p>	<p>Mushroom pushbutton</p> <p>Mushroom diameter: $\varnothing 60$</p> <p>Color options: ① ② ③</p> <p>Degree of protection: IP65</p> <p>Order code: MF1/60, MF2/60, MF3/60</p>	
 <p>MFBA</p>	<p>Mushroom pushbutton with flexible head</p> <p>Mushroom diameter: $\varnothing 60$</p> <p>Color options: ②</p> <p>Degree of protection: IP65</p> <p>Order code: MFBA2</p>	
 <p>MFB/40</p>	<p>Mushroom pushbutton with twist reset</p> <p>Mushroom diameter: $\varnothing 40$</p> <p>Color options: ②</p> <p>Degree of protection: IP65</p> <p>Accessories: OHC uncontrolled release protection</p> <p>Order code: MFB2/40</p>	

MUSHROOM PUSHBUTTONS

Product	Description	Dimensions (mm)
<p><i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i></p>		
 <p>MFB/60</p>	<p>Mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø60 Color options: 2 Degree of protection: IP65 Order code: MFB2/60</p>	
 <p>MFBC</p>	<p>Mushroom pushbutton with twist reset and time-delay release</p> <p>Mushroom diameter: Ø40 Color options: 2 Degree of protection: IP65 Order code: MFBC2</p>	
 <p>MFC</p>	<p>Mushroom pushbutton with key reset</p> <p>Mushroom diameter: Ø40 Color options: 2 Degree of protection: IP65 Accessories: Spare key for MSC and MFC Order code: MFC2</p>	
<p><i>Note: To assemble the set, an interface - EB and a contact block EC/NO-PP or EC/NC are required.</i></p>		
 <p>MFB/PP</p>	<p>PUSH-PUSH mushroom pushbutton with twist reset</p> <p>Mushroom diameter: Ø40 Color options: 1 2 3 Degree of protection: IP65 Order code: MFB1/PP, MFB2/PP, MFB3/PP</p>	

MUSHROOM PUSHBUTTONS

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - [EB](#) and a contact blocks (1) [EC/NO](#) or [EC/NC](#) and (2) [ECD](#) or [ECD/L](#) or [ECL](#) are required.



MFL

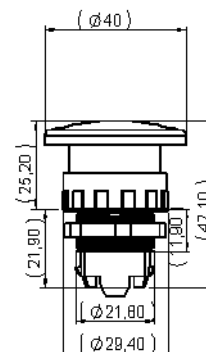
Illuminated mushroom pushbutton

Mushroom diameter: $\varnothing 40$

Color options: [2](#) [3](#)

Degree of protection: IP65

Order code: **MFL2, MFL3**



MFBL

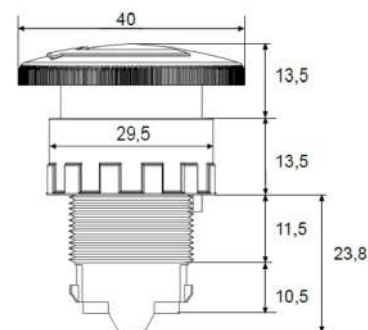
Illuminated mushroom pushbutton with twist reset

Mushroom diameter: $\varnothing 40$

Color options: [2](#)

Degree of protection: IP65

Order code: **MFBL2**



Note: To assemble the set, an interface - [EB](#) and a contact blocks (1) [EC/NO-PP](#) or [EC/NC](#) and (2) [ECD](#) or [ECD/L](#) or [ECL](#) are required.



MFBL/PP

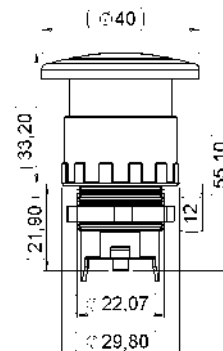
Illuminated PUSH-PUSH mushroom pushbutton with twist reset

Mushroom diameter: $\varnothing 40$

Color options: [2](#) [3](#)

Degree of protection: IP65

Order code: **MFBL2/PP, MFBL3/PP**



Illuminated

Illuminated

Illuminated

MUSHROOM PUSHBUTTONS

Accessories for metal mushroom pushbuttons



OHC/K

Uncontrolled release / activation protection

Suitable for: Mushroom pushbuttons, selector switches, pushbuttons

Order code: OHC/K

INDICATOR LIGHTS

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - [EB](#) and a contact block [ECD](#) or [ECD/L](#) or [ECL](#) are required.



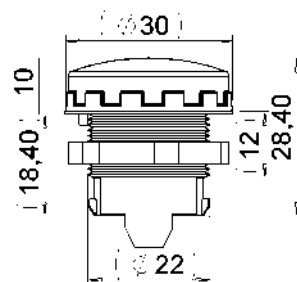
ML

Indicator light


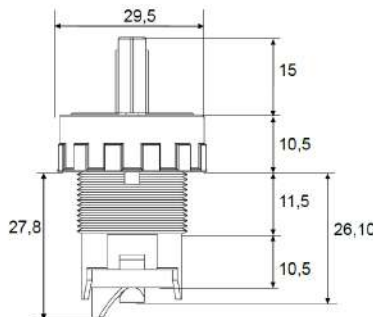
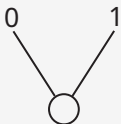


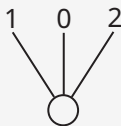
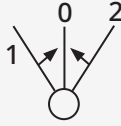
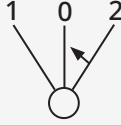
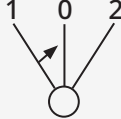
Color options: 2 3 4 5 6

Degree of protection: IP65

Order code: ML2, ML3, ML4, ML5, ML6



SELECTOR SWITCHES


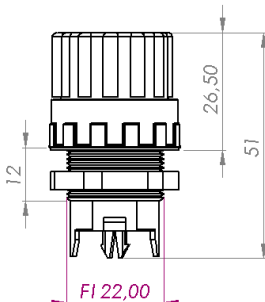
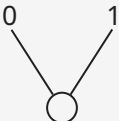


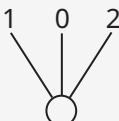
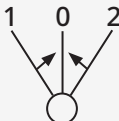
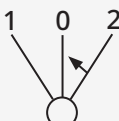
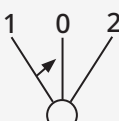
Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 MS	Selector switch Color options: 1 2 3 Degree of protection: IP65 Accessories: Various protection options: PRS, OHC	
Position code	Position description *	Order code
A	 Fixed Left - Right	1 MS1-A 2 MS2-A 3 MS3-A
CD	 Fixed Center - Right	1 MS1-CD 2 MS2-CD 3 MS3-CD
CD/R	 Momentary Center - Right	1 MS1-CD/R 2 MS2-CD/R 3 MS3-CD/R
E	 Fixed Left - Center - Right	1 MS1-E 2 MS2-E 3 MS3-E
E/RC	 Fixed from left Maintained from right	1 MS1-E/RC 2 MS2-E/RC 3 MS3-E/RC
E/RD	 Fixed from left Momentary from right	1 MS1-E/RD 2 MS2-E/RD 3 MS3-E/RD
E/RS	 Fixed from right Momentary from left	1 MS1-E/RS 2 MS2-E/RS 3 MS3-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

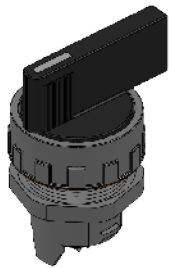
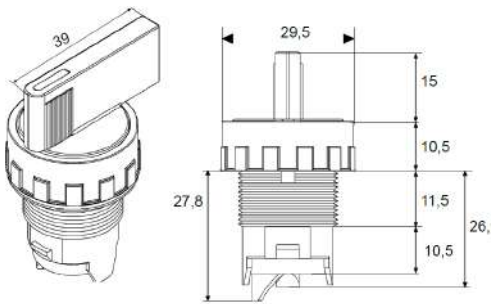
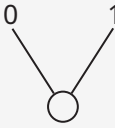



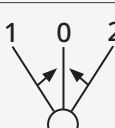
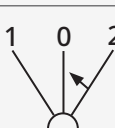
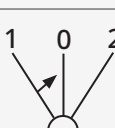
Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 MSO	Rotary selector switch Color options: 1 2 3 Degree of protection: IP65 Accessories: Various protection options: PRS, OHC	
Position code	Position description*	Order code
A	 Fixed Left - Right	1 MSO1-A 2 MSO2-A 3 MSO3-A
CD	 Fixed Center - Right	1 MSO1-CD 2 MSO2-CD 3 MSO3-CD
CD/R	 Momentary Center - Right	1 MSO1-CD/R 2 MSO2-CD/R 3 MSO3-CD/R
E	 Fixed Left - Center - Right	1 MSO1-E 2 MSO2-E 3 MSO3-E
E/RC	 Momentary from left - from right	1 MSO1-E/RC 2 MSO2-E/RC 3 MSO3-E/RC
E/RD	 Fixed from left Momentary from right	1 MSO1-E/RD 2 MSO2-E/RD 3 MSO3-E/RD
E/RS	 Fixed from right Momentary from left	1 MSO1-E/RS 2 MSO2-E/RS 3 MSO3-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product	Description	Dimensions (mm)
<i>Note: To assemble the set, an interface - EB and a contact block - NO or NC are required.</i>		
 <p>MSP</p>	<p>Lever selector switch</p> <p>Color options: 1 2 3</p> <p>Degree of protection: IP65</p> <p>Accessories: Various protection options: OHC</p>	
Position code	Position description *	Order code
A	 <p>Fixed Left - Right</p>	1 MSP1-A 2 MSP2-A 3 MSP3-A
CD	 <p>Fixed Center - Right</p>	1 MSP1-CD 2 MSP2-CD 3 MSP3-CD
CD/R	 <p>Momentary Center - Right</p>	1 MSP1-CD/R 2 MSP2-CD/R 3 MSP3-CD/R
E	 <p>Fixed Left - Center - Right</p>	1 MSP1-E 2 MSP2-E 3 MSP3-E
E/RC	 <p>Momentary from left - from right</p>	1 MSP1-E/RC 2 MSP2-E/RC 3 MSP3-E/RC
E/RD	 <p>Fixed from left Momentary from right</p>	1 MSP1-E/RD 2 MSP2-E/RD 3 MSP3-E/RD
E/RS	 <p>Fixed from right Momentary from left</p>	1 MSP1-E/RS 2 MSP2-E/RS 3 MSP3-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - **EB** and a contact blocks (1) **EC/NO** or **EC/NC** and (2) **ECD** or **ECD/L** or **ECL** are required.



MSL

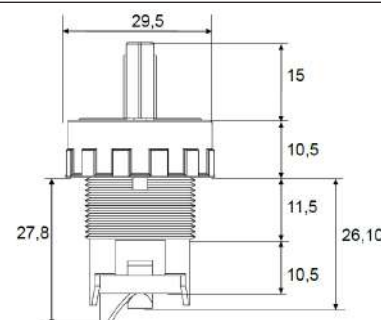
Illuminated selector switch

Color options: **2** **3** **4** **5** **6**

Degree of protection: **IP65**

Accessories: **Various protection options:**

PRS, OHC

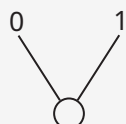


Position code

Position description*

Order code

A



Fixed
Left - Right

2

MSL2-A

5

MSL5-A

3

MSL3-A

6

MSL6-A

4

MSL4-A

CD



Fixed
Center - Right

2

MSL2-CD

5

MSL5-CD

3

MSL3-CD

6

MSL6-CD

4

MSL4-CD

CD/R



Momentary
Center - Right

2

MSL2-CD/R

5

MSL5-CD/R

3

MSL3-CD/R

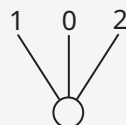
6

MSL6-CD/R

4

MSL4-CD/R

E



Fixed
Left - Middle - Right

2

MSL2-E

5

MSL5-E

3

MSL3-E

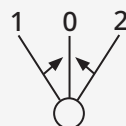
6

MSL6-E

4

MSL4-E

E/RC



Momentary
from left - from right

2

MSL2-E/RC

5

MSL5-E/RC

3

MSL3-E/RC

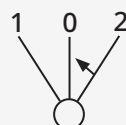
6

MSL6-E/RC

4

MSL4-E/RC

E/RD



Fixed from left
Momentary from right

2

MSL2-E/RD

5

MSL5-E/RD

3

MSL3-E/RD

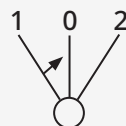
6

MSL6-E/RD

4

MSL4-E/RD

E/RS



Fixed from right
Momentary from left

2

MSL2-E/RS

5

MSL5-E/RS

3

MSL3-E/RS

6

MSL6-E/RS

4

MSL4-E/RS

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

SELECTOR SWITCHES

Product

Description

Dimensions (mm)

Note: To assemble the set, an interface - **EB** and a contact block - **NO or NC** are required.

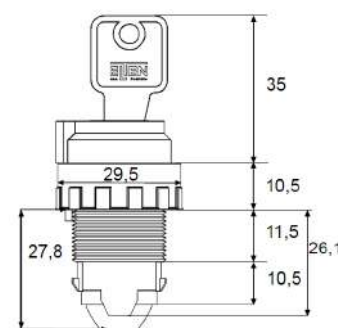


MSC

Key selector switch

Degree of protection: **IP65**

Accessories: **Various protection options,**
Spare key for MSC and MFC



Position code	Position description*	Key Withdraw Position**	Order code
A	Fixed Left - Right	U	MSC-A-U
		W	MSC-A-W
		Y	MSC-A-Y
CD	Fixed Center - Right	V	MSC-CD-V
		W	MSC-CD-W
		J	MSC-CD-J
CD/R	Momentary Center - Right	V	MSC-CD/R-V
E	Fixed Left - Center - Right	V	MSC-E-V
		J	MSC-E-J
E/RC	Momentary from left - from right	V	MSC-E/RC-V
E/RD	Fixed from left Momentary from right	X	MSC-E/RD-X
E/RS	Fixed from right Momentary from left	Z	MSC-E/RS-Z

*Arrows indicate positions to which the selector switch automatically returns.

Fixed = the switch stays in position

Momentary = the switch returns to original position

** Key withdrawal is possible at positions marked with a black square. ■

JOYSTICK - LEVER SWITCHES

Product

Description

Dimensions (mm)

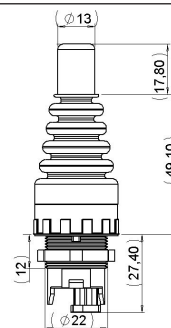
Note: To assemble the set, an interface - **EB** and a contact block - **NO** or **NC** are required.



MM

Lever switch

Degree of protection: IP65



Position code

Position description *

Order code

MM1F



Fixed
1 position

MM1F

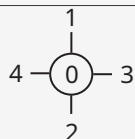
MM2F



Fixed
2 positions

MM2F

MM4F



Fixed
4 positions

MM4F

MM1R



Momentary
1 position

MM1R

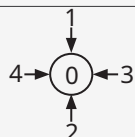
MM2R



Momentary
2 positions

MM2R

MM4R



Momentary
4 positions

MM4R

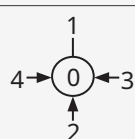
MM1F-1R



Combined
1 fixed
1 momentary

MM1F-1R

MM1F-3R



Combined
1 fixed
3 momentary

MM1F-3R

*Arrows indicate that the joystick automatically returns to the original "0" position.

JOYSTICK - LEVER SWITCHES

Product

Description

Dimensions (mm)

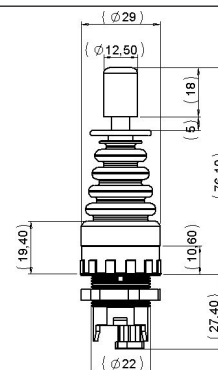
Note: To assemble the set, an interface - **EB** and a contact block - **NO or NC** are required.



MMB

Lever switch with lock


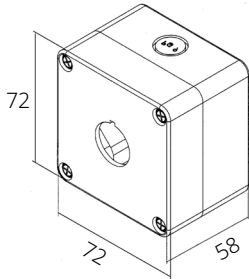

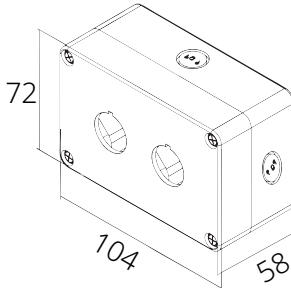

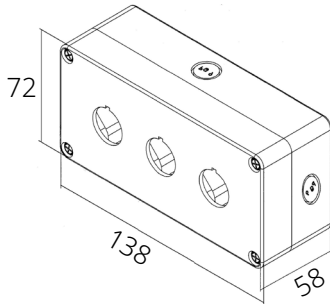
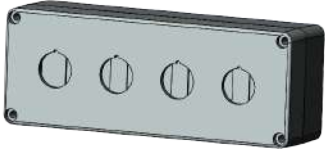
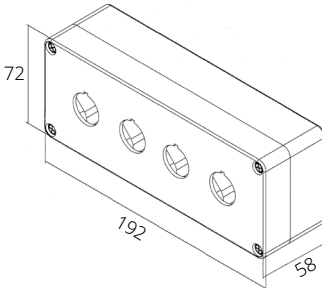
Degree of protection: **IP65**



Position code	Position description *		Order code
MMB1F		Fixed with locking in "0" 1 position	MMB1F
MMB2F		Fixed with locking in "0" 2 positions	MMB2F
MMB4F		Fixed with locking in "0" 4 positions	MMB4F
MMB1R		Momentary with locking in "0" 1 position	MMB1R
MMB2R		Momentary with locking in "0" 2 positions	MMB2R
MMB4R		Momentary with locking in "0" 4 positions	MMB4R

*Arrows indicate that the joystick automatically returns to the original "0" position.


ENCLOSURES

Product	Description	Dimensions (mm)
<i>Note: The enclosure already includes plates for mounting the contact block - EC/NC-EV or EC/NO-EV or ECD-EV</i>		
 <p>EVK1</p>	<p>Grey metal enclosure with 1 opening</p> <p>Color: ●</p> <p>Degree of protection: IP65</p> <p>Order code: EVK1</p>	
 <p>EVK2</p>	<p>Grey metal enclosure with 2 openings</p> <p>Color: ●</p> <p>Degree of protection: IP65</p> <p>Order code: EVK2</p>	
 <p>EVK3</p>	<p>Grey metal enclosure with 3 openings</p> <p>Color: ●</p> <p>Degree of protection: IP65</p> <p>Order code: EVK3</p>	
 <p>EVK4</p>	<p>Grey metal enclosure with 4 openings</p> <p>Color: ●</p> <p>Degree of protection: IP65</p> <p>Order code: EVK4</p>	

OHIŠJA

Product	Description	Dimensions (mm)
<i>Note: The enclosure already includes plates for mounting the contact block - EC/NC-EV or EC/NO-EV or ECD-EV</i>		
 <p>EVK5</p>	<p>Grey metal enclosure with 5 or 6 openings</p> <p>Color: ●</p> <p>Degree of protection: IP65</p> <p>Order code: EVK5, EVK6</p>	
 <p>EVKG1</p>	<p>Yellow metal enclosure with 1 opening and printing option</p> <p>Color: ●</p> <p>Degree of protection: IP65</p> <p>Printing options: STOP STOP STOP EMERGENCY STOP</p> <p>Order code: EVKG1/3xSTOP EVKG1/EMERGENCY STOP</p>	

Accessories for enclosures

 <p>T22</p>	<p>Blank plug</p> <p>Plug diameter: Ø22,5</p> <p>Order code: T22-grey or T22-black</p>
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Revision history

Version	Date	Changes / Updates	
v1/2025	Nov 2025	Initial release	
v2/2025	26.11.2025	EL and ML protection degree	pg. 29 and 59
		ES position description	pg. 21
		EVG1 order code	pg. 31
		EVG1Č order code	pg. 32
		EF/11 order code	pg. 40
		EF/CO order code	pg. 41
		Added product – Spare key	pg. 51



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