

Heads, blocks and connection...

designed to last!



► HEAD

"Cleverly designed to be both ergonomic and clearly visible"

- Insulating material ensures electrical safety
- Integrated anti-rotation tab
- Legend holder frame keeps IP66/NEMA 4x protection
- Optimized ergonomic design
- Choice of bezels: black or chrome plastic
- Innovative and varied functions
- Optimized dimensions

See pages 27 to 53

► CLIP

*"Flexibility of configuration: 1, 3 or 5 position clips
Contact blocks can be assembled in any order..."*

- Enhanced rigidity
- For 1, 3 and 5 blocks
- Blocks are simply snapped onto the clip

See page 65



► BLOCK

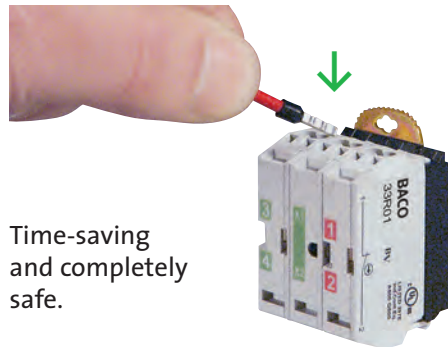
“Imaginatively designed to be safe, robust and durable”

- Securely fixed by clipping into place
- Stackable
- Grade protection: IP20 as “finger safe” on screw and plug-in terminals
- Electrical insulation
- LED blocks combining long life and economy
- Corrosion resistant to some chemicals and sea air, etc
- Conform to standard EN/IEC 60947-5-1
- Conform to standard UL 508 / CSA 22.2
- Compliant with RoHS European directive (concerning restriction of hazardous substances)

See pages 54 to 72

► CONNECTION

PLUG-IN TERMINALS - New



Time-saving and completely safe.

SCREW TERMINALS



FASTON TERMINALS



PIN STYLE TERMINALS (FOR PCB)



New heads...

robust and clearly marked!

Selector switches
with key, handle,
lever handle, or knob



▶ ADVANTAGES

We're full of innovative ideas from listening to your needs, and watching you work

- On all heads, rotation is prevented by a tab which retracts when not required
- Insulating material ensures electrical safety
- Design and shape help avoid build-up of dirt and make the switch easy to clean
- EN418 / ISO 13850 illuminated mushroom head with yellow collar for side-on visual indication
- Optimized ergonomic design
- Innovative functions: illuminated emergency stop mushroom head, etc
- Optimized dimensions: low-profile heads

► MARKING WITH LEGENDS

- Frame can be turned to 4 positions (0° ; 90° ; 180° and 270°)
- Special legend plate for twin touch
- Legend plates: choice between 5 colors, blank or pre-engraved



Frame
round or square shape,
30 or 40 mm wide

Legend plate
can be clipped into
place after installation

► TAMPO PRINTING

- Button plate can be mounted in 4 positions (0° ; 90° ; 180° and 270°)



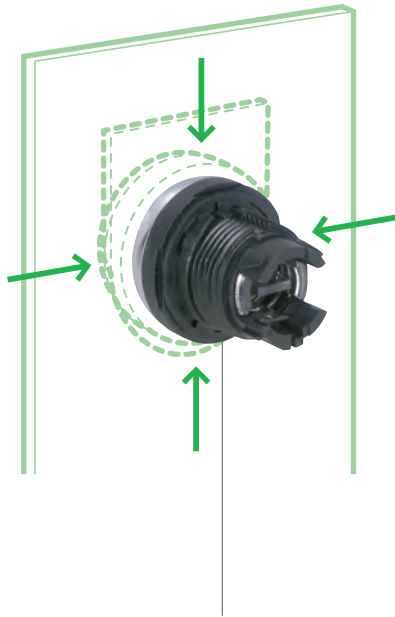
Bezels
Choice between:
black or chrome

► SILK-SCREENING

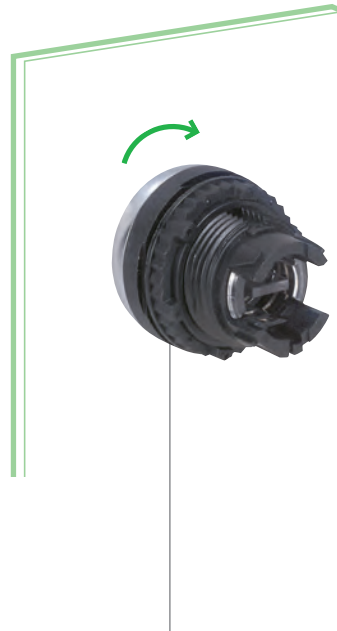
- Enclosures with standard text and symbols
- Enclosures with custom text and/or symbols to meet your specific requirements



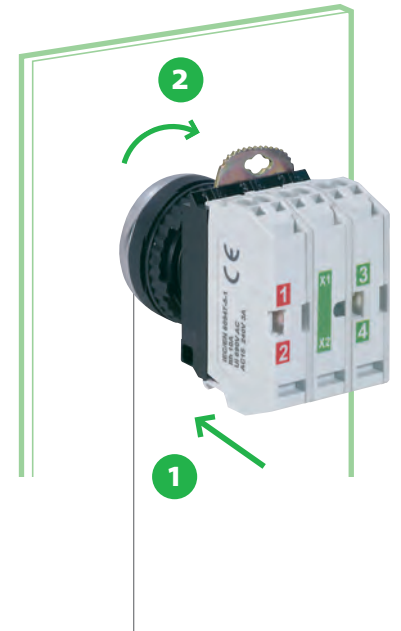
Simplicity, speed, choice!



Auto-grip ring
head held firmly
in the drilling hole
during assembly



Locking ring
to fix the head



Fixing
Locate block onto head
and lock in place with
rotating metallic latch

► ADVANTAGES

Our objective is to simplify and shorten time of installation:

- Head held firmly in place by auto-grip ring, allows single-hand mounting
- Foolproof method of positioning the block sub-assembly correctly on the head
- Rotating metallic latch easily accessible with a screwdriver where space is limited

► CONFIGURATIONS

“A range designed to meet and adapt to all requirements and all situations”

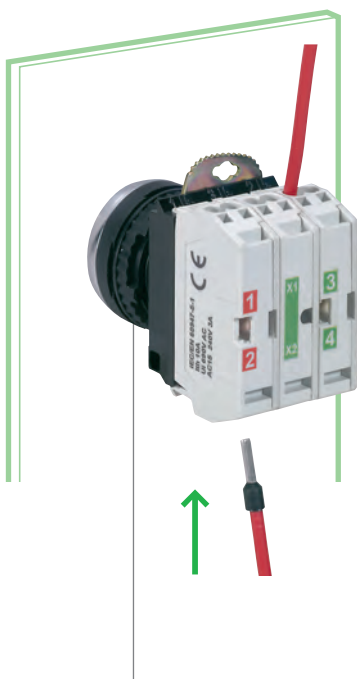
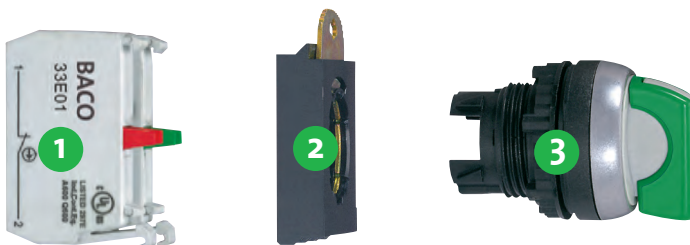
COMPLETE UNITS

- Control and signalling units are supplied ready for use with head, clip and block(s)
- A single product code provides a solution for the most common needs



SEPARATE UNITS

- Maximum flexibility
- For numerous possible solutions



Quick connection

No tool required for wires with ferrules.
New plug-in terminals

CUSTOMIZED SOLUTIONS

- Custom assemblies to suit your needs
- The Baco response for specific requirements: pre-assembly, aesthetic design, engraving, etc



Customized Solutions!



Tampo Printing on Head
Clearly Indicates function



Laser Engraving on Plate
Plates available in many colors



Combination Tampo Printing and Laser Engraving



► ADVANTAGES

Our objective is to simplify and shorten time of installation:

- Standard or Custom products
- Fast and convenient
- No minimums required

► CONFIGURATIONS

“A range designed to meet and adapt to all requirements and all situations”

- 22mm LBX enclosures in 1,2,3,4 or 5 hole configurations
- 22mm and 30mm Polycarbonate enclosure in 1,2,3,4,6,8 or 10 hole configurations
- Contact us for other requirements including custom hole spacing, extra holes or wire entry locations



Complete units: Part Numbering System

► NON-ILLUMINATED COMPLETE UNITS

L21AA01 - 3 E 1 1 Y7
a b c d e

Part number of non-illuminated operator head.
 See pages 27 to 44 for non-illuminated operator heads.

a

CLIP	
Code	Description
1	single module
3	three modules
4	three modules (when using 33E11 contact blocks)
5	five modules

b

TERMINAL STYLE	
Code	Description
E	Screw and Clamp
ED	Stab (Quick Connect)
EP	PCB
ER	Plug In

c

N.O. (NORMALLY OPEN) CONTACTS	
Code	Description
0	No Contact
1	1 N.O.
2	2 N.O.
3	3 N.O.
4	4 N.O.
5	5 N.O.
6	6 N.O.

d

N.C. (NORMALLY CLOSED) CONTACTS	
Code	Description
0	No Contact
1	1 N.C.
2	2 N.C.
3	3 N.C.
4	4 N.C.
5	5 N.C.
6	6 N.C.

e

SPECIALTY BLOCKS	
Code	Description
C	Late Break N.C. (Screw and Clamp terminals only)
Y7	Gold Plated Contacts (Screw and Clamp or PCB terminals only)

Complete units: Push-buttons \varnothing 22MM

► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p.103)

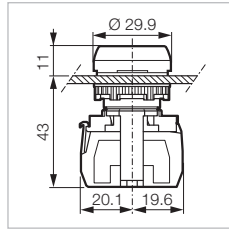
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21AA01-1E01



WITH SINGLE POSITION CLIP

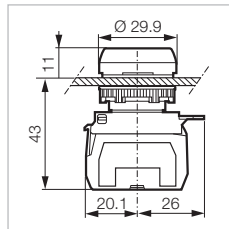
● Red	NC	L21AA01-1E01	L22AA01-1E01
● Green	NO	L21AA02-1E10	L22AA02-1E10
● Black	NO	L21AA03-1E10	L22AA03-1E10
● Yellow	NO	L21AA04-1E10	L22AA04-1E10
○ White	NO	L21AA05-1E10	L22AA05-1E10
● Blue	NO	L21AA06-1E10	L22AA06-1E10

WITH INTERNATIONAL SYMBOLS

● Red	NC	L21AA81-1E01	L22AA81-1E01
● Green	NO	L21AA82-1E10	L22AA82-1E10



L22AA02-3E10



WITH THREE POSITION CLIP

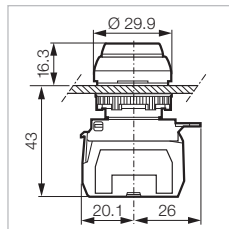
● Red	NC	L21AA01-3E01	L22AA01-3E01
● Green	NO	L21AA02-3E10	L22AA02-3E10
● Black	NC	L21AA03-3E01	L22AA03-3E01
● Black	NO	L21AA03-3E10	L22AA03-3E10
● Yellow	NO	L21AA04-3E10	L22AA04-3E10
○ White	NO	L21AA05-3E10	L22AA05-3E10
● Blue	NO	L21AA06-3E10	L22AA06-3E10

● Red	NO + NC	L21AA01-3E11	L22AA01-3E11
● Green	NO + NC	L21AA02-3E11	L22AA02-3E11
● Black	NO + NC	L21AA03-3E11	L22AA03-3E11
● Yellow	NO + NC	L21AA04-3E11	L22AA04-3E11
○ White	NO + NC	L21AA05-3E11	L22AA05-3E11
● Blue	NO + NC	L21AA06-3E11	L22AA06-3E11

PROJECTING



L21AB04-3E11



WITH SINGLE POSITION CLIP

● Red	NC	L21AB01-1E01	L22AB01-1E01
● Green	NO	L21AB02-1E10	L22AB02-1E10
● Black	NO	L21AB03-1E10	L22AB03-1E10
● Yellow	NO	L21AB04-1E10	L22AB04-1E10
○ White	NO	L21AB05-1E10	L22AB05-1E10
● Blue	NO	L21AB06-1E10	L22AB06-1E10

WITH THREE POSITION CLIP

● Red	NO + NC	L21AB01-3E11	L22AB01-3E11
● Green	NO + NC	L21AB02-3E11	L22AB02-3E11
● Black	NO + NC	L21AB03-3E11	L22AB03-3E11
● Yellow	NO + NC	L21AB04-3E11	L22AB04-3E11
○ White	NO + NC	L21AB05-3E11	L22AB05-3E11
● Blue	NO + NC	L21AB06-3E11	L22AB06-3E11

WITH INTERNATIONAL SYMBOL

● Red	NC	L21AB01B-1E01	L22AB31A70-1E01
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Complete units: Push-buttons \varnothing 22MM

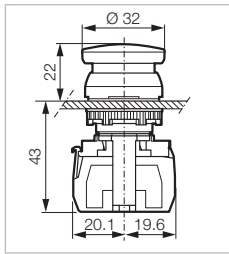
► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p. 103)

\varnothing 32 MUSHROOM



L21AC01-1E01



WITH SINGLE POSITION CLIP

● Red	NC
● Green	NO
● Black	NO
● Yellow	NO

Chrome Bezel
Part Number

Black Bezel
Part Number

L21AC01-1E01
L21AC02-1E10
L21AC03-1E10
L21AC04-1E10

L22AC01-1E01
L22AC02-1E10
L22AC03-1E10
L22AC04-1E10

WITH THREE POSITION CLIP

● Red	NC
● Green	NO
● Black	NO
● Yellow	NO

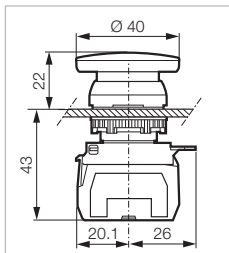
L21AC01-3E01
L21AC02-3E10
L21AC03-3E10
L21AC04-3E10

L22AC01-3E01
L22AC02-3E10
L22AC03-3E10
L22AC04-3E10

\varnothing 40 MUSHROOM



L22AD01-3E01



WITH SINGLE POSITION CLIP

● Red	NC
● Green	NO
● Black	NO
● Yellow	NO

L21AD01-1E01
L21AD02-1E10
L21AD03-1E10
L21AD04-1E10

L22AD01-1E01
L22AD02-1E10
L22AD03-1E10
L22AD04-1E10

WITH THREE POSITION CLIP

● Red	NC
● Green	NO
● Black	NO
● Yellow	NO

L21AD01-3E01
L21AD02-3E10
L21AD03-3E10
L21AD04-3E10

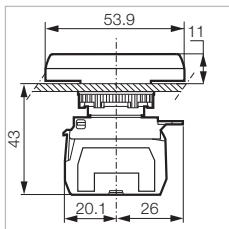
L22AD01-3E01
L22AD02-3E10
L22AD03-3E10
L22AD04-3E10

FLUSH-FLUSH

Twin touch



L62QA21-3E11



WITH INTERNATIONAL SYMBOLS

ⓘ Green	NO
Ⓢ Red	NC

L61QA21-3E11

L62QA21-3E11

WITH TEXT

ⓘ Green (START)	NO
Ⓢ Red - (STOP)	NC

L61QA21B-3E11

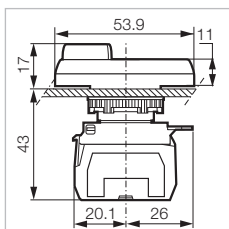
L62QA21B-3E11

FLUSH-PROJECTING

Twin touch



L61QB21-3E11



WITH INTERNATIONAL SYMBOLS

ⓘ Green	NO
Ⓢ Red	NC

L61QB21-3E11

L62QB21-3E11

WITH TEXT

ⓘ Green (START)	NO
Ⓢ Red (STOP)	NC

L61QB21B-3E11

L62QB21B-3E11

Complete units: Push-buttons \varnothing 22MM

► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p.103)

FLUSH-PROJECTING-FLUSH

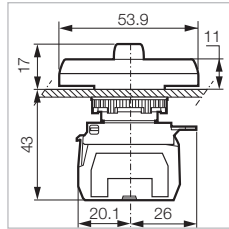
Triple touch

Chrome Bezel
Part Number



Black Bezel
Part Number



L62BA22G-3E21






WITH ARROWS AND TEXT

-  Green NO
-  Red (STOP) NC
-  Green NO

L61BA22-3E21




L62BA22-3E21

-  Green NO
-  Red (STOP) NC
-  Green NO

L61BA22B-3E21

L62BA22B-3E21

WITH TEXT

-  Green (UP) NO
-  Red (STOP) NC
-  Green (DOWN) NO

L61BA22G-3E21

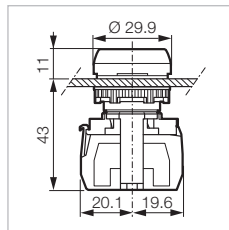
L62BA22G-3E21







► MAINTAINED - NON-ILLUMINATED

FLUSH



L21CA01-1E01



-  Red NC
-  Green NO
-  Black NO
-  Yellow NO
-  White NO
-  Blue NO

L21CA01-1E01

L22CA01-1E01

L21CA02-1E10

L22CA02-1E10

L21CA03-1E10

L22CA03-1E10

L21CA04-1E10




L22CA04-1E10

L21CA05-1E10

L22CA05-1E10

L21CA06-1E10

L22CA06-1E10

-  Red NO + NC
-  Green NO + NC
-  Black NO + NC
-  Yellow NO + NC
-  White NO + NC
-  Blue NO + NC

L21CA01-3E11

L22CA01-3E11

L21CA02-3E11

L22CA02-3E11

L21CA03-3E11

L22CA03-3E11

L21CA04-3E11

L22CA04-3E11

L21CA05-3E11

L22CA05-3E11

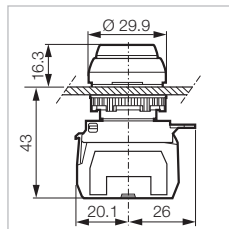
L21CA06-3E11







L22CA06-3E11

PROJECTING



L21CB04-3E11



-  Red NC
-  Green NO
-  Black NO
-  Yellow NO
-  White NO
-  Blue NO

L21CB01-1E01

L22CB01-1E01

L21CB02-1E10

L22CB02-1E10

L21CB03-1E10

L22CB03-1E10

L21CB04-1E10




L22CB04-1E10

L21CB05-1E10

L22CB05-1E10

L21CB06-1E10

L22CB06-1E10

-  Red NO + NC
-  Green NO + NC
-  Black NO + NC
-  Yellow NO + NC
-  White NO + NC
-  Blue NO + NC

L21CB01-3E11

L22CB01-3E11

L21CB02-3E11

L22CB02-3E11

L21CB03-3E11

L22CB03-3E11

L21CB04-3E11

L22CB04-3E11

L21CB05-3E11

L22CB05-3E11

L21CB06-3E11

L22CB06-3E11

Complete units: Mushroom heads \varnothing 22MM

► MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

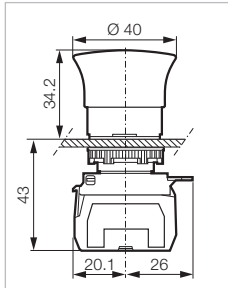
\varnothing 40 MUSHROOM

Push-pull to reset

Black Bezel
Part Number



L22DD01-3E01



- Red NC
- Red 2 NC
- Red NO + NC

WITH TEXT

- Red (STOP STOP STOP) NC

- Green NO
- Black NC
- Black NO
- Yellow NO

L22DD01-3E01
L22DD01-3E02
L22DD01-3E11

L22DD01S-3E01

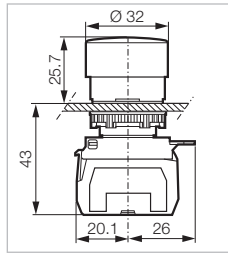
L22DD02-3E10
L22DD03-3E01
L22DD03-3E10
L22DD04-3E10

\varnothing 32 MUSHROOM

Push-turn to reset



L22EC01-3E01



- Red NC
- Red 2 NC
- Red NO + NC

- Green NO
- Black NC
- Black NO
- Yellow NO

L22EC01-3E01
L22EC01-3E02
L22EC01-3E11

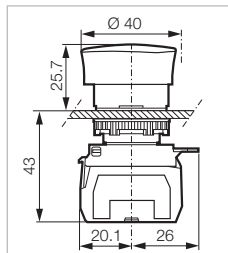
L22EC02-3E10
L22EC03-3E01
L22EC03-3E10
L22EC04-3E10

\varnothing 40 MUSHROOM

Push-turn to reset



L22ED01-3E11



- Red NC
- Red 2 NC
- Red NO + NC

WITH TEXT

- Red (STOP STOP STOP) NC

- Green NO
- Black NC
- Black NO
- Yellow NO

L22ED01-3E01
L22ED01-3E02
L22ED01-3E11

L22ED01S-3E01

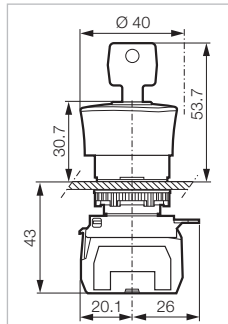
L22ED02-3E10
L22ED03-3E01
L22ED03-3E10
L22ED04-3E10

\varnothing 40 MUSHROOM

Key to reset



L22GM01-3E01



Supplied with 2 keys profile n°455

- Red NC
- Red 2 NC
- Red NO + NC

L22GM01-3E01
L22GM01-3E02
L22GM01-3E11

Complete units: Mushroom heads \varnothing 22MM

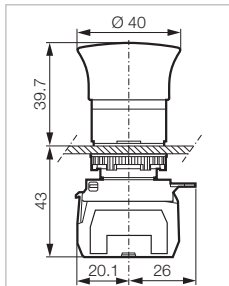
► EMERGENCY STOP MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

\varnothing 40 EN 418 / ISO13850

Push-pull to reset

Black Bezel
Part Number



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

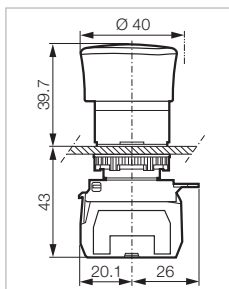
- Red NC
- Red 2 NC
- Red NO + NC

L22DR01-3E01
L22DR01-3E02
L22DR01-3E11

L22DR01-3E11

\varnothing 40 EN 418 / ISO13850

Push-turn to reset



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

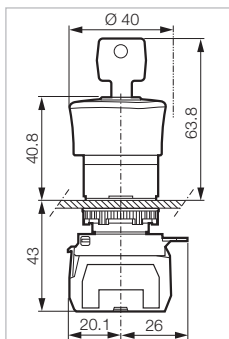
- Red NC
- Red 2 NC
- Red NO + NC

L22ER01-3E01
L22ER01-3E02
L22ER01-3E11

L22ER01-3E11

\varnothing 40 EN 418 / ISO13850

Key to reset



Double position indicator: head and collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850
Supplied with 2 keys profile n°455

- Red NC
- Red 2 NC
- Red NO + NC

L22GR01-3E01
L22GR01-3E02
L22GR01-3E11

L22GR01-3E11

Complete units: Selector switches \varnothing 22MM

▶ SELECTOR SWITCHES - NON-ILLUMINATED



WITH HANDLE

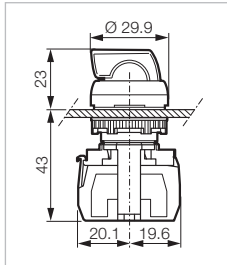
2 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21KE03-1E10



MAINTAINED POSITIONS - 45°

● Red	NC	
● Green	NO	
● Black	NO	
● Black	2 NO	
● Black	NO + NC	
● Grey	NO	

L21KA01-1E01
L21KA02-1E10
L21KA03-1E10
L21KA03-3E20
L21KA03-3E11
L21KA08-1E10

L22KA01-1E01
L22KA02-1E10
L22KA03-1E10
L22KA03-3E20
L22KA03-3E11
L22KA08-1E10

SPRING RETURN - 45°

● Red	NC	
● Green	NO	
● Black	NO	
● Black	2 NO	
● Black	NO + NC	
● Grey	NO	

L21KB01-1E01
L21KB02-1E10
L21KB03-1E10
L21KB03-3E20
L21KB03-3E11
L21KB08-1E10

L22KB01-1E01
L22KB02-1E10
L22KB03-1E10
L22KB03-3E20
L22KB03-3E11
L22KB08-1E10

MAINTAINED POSITIONS - 90°

● Red	NC	
● Green	NO	
● Black	NO	
● Black	2 NO	
● Black	NO + NC	
● Grey	NO	

L21KE01-1E01
L21KE02-1E10
L21KE03-1E10
L21KE03-3E20
L21KE03-3E11
L21KE08-1E10

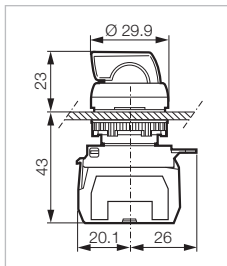
L22KE01-1E01
L22KE02-1E10
L22KE03-1E10
L22KE03-3E20
L22KE03-3E11
L22KE08-1E10

WITH HANDLE

3 positions



L21MA03-3E20



MAINTAINED POSITIONS - 45°

● Red	2 NO	
● Green	2 NO	
● Black	2 NO	
● Grey	2 NO	

L21MA01-3E20
L21MA02-3E20
L21MA03-3E20
L21MA08-3E20

L22MA01-3E20
L22MA02-3E20
L22MA03-3E20
L22MA08-3E20

SPRING RETURN - 45°

● Red	2 NO	
● Green	2 NO	
● Black	2 NO	
● Grey	2 NO	

L21MD01-3E20
L21MD02-3E20
L21MD03-3E20
L21MD08-3E20

L22MD01-3E20
L22MD02-3E20
L22MD03-3E20
L22MD08-3E20

MAINTAINED / SPRING RETURN - 45°

● Red	2 NO	
● Green	2 NO	
● Black	2 NO	
● Grey	2 NO	

L21MC01-3E20
L21MC02-3E20
L21MC03-3E20
L21MC08-3E20

L22MC01-3E20
L22MC02-3E20
L22MC03-3E20
L22MC08-3E20

Complete units: Selector switches \varnothing 22MM

▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p.103)

WITH KNOB

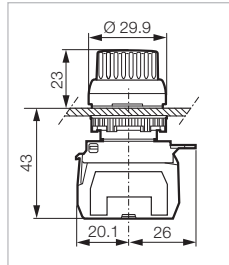
2 and 3 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21UA03-3E20




MAINTAINED POSITIONS - 45°

- Black
 - Black
 - Black
- 
 NO
 2 NO
 NO + NC

L21TA03-1E10
L21TA03-3E20
L21TA03-3E11

L22TA03-1E10
L22TA03-3E20
L22TA03-3E11

MAINTAINED POSITIONS - 45°

- Black
- 
 2 NO

L21UA03-3E20

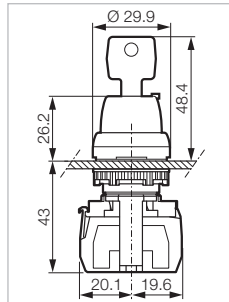
L22UA03-3E20

WITH KEY

2 positions



L21LA00-1E10



Supplied with 2 keys profile n°455

MAINTAINED POSITIONS - 45°

Key free in position 0


- Black
 - Black
 - Black
- 
 NO
 2 NO
 NO + NC

L21LA00-1E10
L21LA00-3E20
L21LA00-3E11

L22LA00-1E10
L22LA00-3E20
L22LA00-3E11

SPRING RETURN - 45°

Key free in position 0

- Black
 - Black
 - Black
- 
 NO
 2 NO
 NO + NC

L21LB00-1E10
L21LB00-3E20
L21LB00-3E11

L22LB00-1E10
L22LB00-3E20
L22LB00-3E11

MAINTAINED - 90°

Key free in both positions

- Black
 - Black
 - Black
- 
 NO
 2 NO
 NO + NC

L21LG00-1E10
L21LG00-3E20
L21LG00-3E11

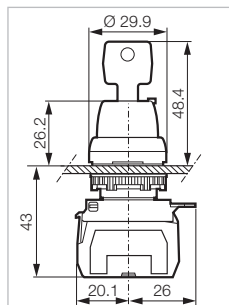
L22LG00-1E10
L22LG00-3E20
L22LG00-3E11

WITH KEY

3 positions




L21NA00-3E20



Supplied with 2 keys profile n°455

MAINTAINED POSITIONS - 45°

Key free in position 0


- Black
- 
 2 NO

L21NA00-3E20

L22NA00-3E20

SPRING RETURN - 45°

Key free in position 0

- Black
- 
 2 NO

L21ND00-3E20

L22ND00-3E20

Complete units: Part Numbering System

► ILLUMINATED COMPLETE UNITS

L21AH20 - 3 EA G M 1 1 Y7
a b c d e f g

Part number of illuminated operator head.
 See pages 45 to 52 for illuminated operator heads.

a

CLIP	
Code	Description
1	single module
3	three modules
4	three modules (when using 33E11 contact blocks)
5	five modules

b

TERMINAL STYLE	
Code	Description
EA	Screw and Clamp
EDA	Stab (Quick Connect)
EPA	PCB
ERA	Plug In

c

LED COLOR	
Code	Description
R	Red
G	Green
Y	Yellow
W	White
B	Blue

d

LED VOLTAGE	
Code	Description
L	12/24 Vac/dc
L4	48 Vac/dc
M	130 Vac
H	230 Vac

e

N.O. (NORMALLY OPEN) CONTACTS	
Code	Description
o	No Contact
1	1 N.O.
2	2 N.O.
3	3 N.O.
4	4 N.O.
5	5 N.O.
6	6 N.O.

f

N.C. (NORMALLY CLOSED) CONTACTS	
Code	Description
o	No Contact
1	1 N.C.
2	2 N.C.
3	3 N.C.
4	4 N.C.
5	5 N.C.
6	6 N.C.

g

SPECIALTY BLOCKS	
Code	Description
C	Late Break N.C. (Screw and Clamp terminals only)
Y7	Gold Plated Contacts (Screw and Clamp or PCB terminals only)

Complete units: Pushbuttons \varnothing 22MM

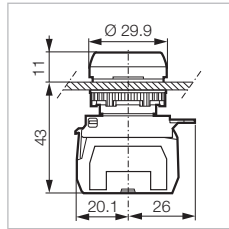
► SPRING RETURN - ILLUMINATED

 Technical Info (p.103)

FLUSH



L21AH20-3EAGL11



LED blocks

12/24 Vac/dc

● Red	NO+NC
● Green	NO+NC
● Yellow	NO+NC
○ White	NO+NC
● Blue	NO+NC

Chrome Bezel
Part Number

Black Bezel
Part Number

L21AH10-3EARL11
L21AH20-3EAGL11
L21AH40-3EAYL11
L21AH50-3EAWL11
L21AH60-3EABL11

L22AH10-3EARL11
L22AH20-3EAGL11
L22AH40-3EAYL11
L22AH50-3EAWL11
L22AH60-3EABL11

130 Vac

● Red	NO+NC
● Green	NO+NC
● Yellow	NO+NC
○ White	NO+NC
● Blue	NO+NC

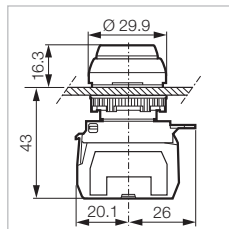
L21AH10-3EARM11
L21AH20-3EAGM11
L21AH40-3EAYM11
L21AH50-3EAWM11
L21AH60-3EABM11

L22AH10-3EARM11
L22AH20-3EAGM11
L22AH40-3EAYM11
L22AH50-3EAWM11
L22AH60-3EABM11

PROJECTING



L21AK40-3EAYM11



LED blocks

12/24 Vac/dc

● Red	NO+NC
● Green	NO+NC
● Yellow	NO+NC
○ White	NO+NC
● Blue	NO+NC

L21AK10-3EARL11
L21AK20-3EAGL11
L21AK40-3EAYL11
L21AK50-3EAWL11
L21AK60-3EABL11

L22AK10-3EARL11
L22AK20-3EAGL11
L22AK40-3EAYL11
L22AK50-3EAWL11
L22AK60-3EABL11

130 Vac

● Red	NO+NC
● Green	NO+NC
● Yellow	NO+NC
○ White	NO+NC
● Blue	NO+NC

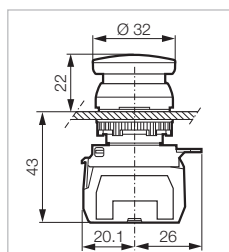
L21AK10-3EARM11
L21AK20-3EAGM11
L21AK40-3EAYM11
L21AK50-3EAWM11
L21AK60-3EABM11

L22AK10-3EARM11
L22AK20-3EAGM11
L22AK40-3EAYM11
L22AK50-3EAWM11
L22AK60-3EABM11

\varnothing 32 MUSHROOM



L21AL10-3EARL11



LED blocks

12/24 Vac/dc

● Red	NO+NC
● Green	NO+NC
● Yellow	NO+NC
○ White	NO+NC
● Blue	NO+NC

L21AL10-3EARL11
L21AL20-3EAGL11
L21AL40-3EAYL11
L21AL50-3EAWL11
L21AL60-3EABL11

L22AL10-3EARL11
L22AL20-3EAGL11
L22AL40-3EAYL11
L22AL50-3EAWL11
L22AL60-3EABL11

130 Vac

● Red	NO+NC
● Green	NO+NC
● Yellow	NO+NC
○ White	NO+NC
● Blue	NO+NC

L21AL10-3EARM11
L21AL20-3EAGM11
L21AL40-3EAYM11
L21AL50-3EAWM11
L21AL60-3EABM11

L22AL10-3EARM11
L22AL20-3EAGM11
L22AL40-3EAYM11
L22AL50-3EAWM11
L22AL60-3EABM11

Complete units: Pushbuttons \varnothing 22MM

► SPRING RETURN - ILLUMINATED

 Technical Info (p. 103)

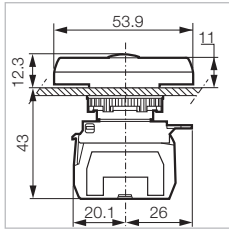
TWIN TOUCH - FLUSH-FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L61QH21-3EAWM1



Center part illuminated - White LED Block (other colors available)


12/24 VAC/DC - WITH INTERNATIONAL SYMBOLS

	Green	NO		
	Red	NC	L61QH21-3EAWL11	L62QH21-3EAWL11



12/24 VAC/DC - WITH TEXT

	Green (START)	NO		
	Red (STOP)	NC	L61QH21A-3EAWL11	L62QH21A-3EAWL11

130 VAC - WITH INTERNATIONAL SYMBOLS

	Green	NO		
	Red	NC	L61QH21-3EAWM11	L62QH21-3EAWM11

130 VAC - WITH TEXT

	Green (START)	NO		
	Red (STOP)	NC	L61QH21A-3EAWM11	L62QH21A-3EAWM11

230 VAC - WITH INTERNATIONAL SYMBOLS

	Green	NO		
	Red	NC	L61QH21-3EAWH11	L62QH21-3EAWH11

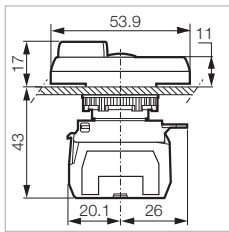
230 VAC - WITH TEXT

	Green (START)	NO		
	Red (STOP)	NC	L61QH21A-3EAWH11	L62QH21A-3EAWH11

TWIN TOUCH - FLUSH-PROJECTING



L61QK21A-3EAWL11



Center part illuminated - White LED Block (other colors available)

12/24 VAC/DC - WITH INTERNATIONAL SYMBOLS

	Green	NO		
	Red	NC	L61QK21-3EAWL11	L62QK21-3EAWL11

12/24 VAC/DC - WITH TEXT

	Green (START)	NO		
	Red (STOP)	NC	L61QK21A-3EAWL11	L62QK21A-3EAWL11

130 VAC - WITH INTERNATIONAL SYMBOLS

	Green	NO		
	Red	NC	L61QK21-3EAWM11	L62QK21-3EAWM11

130 VAC - WITH TEXT

	Green (START)	NO		
	Red (STOP)	NC	L61QK21A-3EAWM11	L62QK21A-3EAWM11

230 VAC - WITH INTERNATIONAL SYMBOLS

	Green	NO		
	Red	NC	L61QK21-3EAWH11	L62QK21-3EAWH11

230 VAC - WITH TEXT

	Green (START)	NO		
	Red (STOP)	NC	L61QK21A-3EAWH11	L62QK21A-3EAWH11

Complete units: Pushbuttons \varnothing 22MM

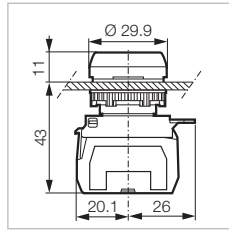
► MAINTAINED - ILLUMINATED

 Technical Info (p. 103)

FLUSH



L21CH20-3EAGL11



LED blocks

12/24 Vac/dc

Color	NO+NC	Chrome Bezel Part Number	Black Bezel Part Number
Red	NO+NC	L21CH10-3EARL11	L22CH10-3EARL11
Green	NO+NC	L21CH20-3EAGL11	L22CH20-3EAGL11
Yellow	NO+NC	L21CH40-3EAYL11	L22CH40-3EAYL11
White	NO+NC	L21CH50-3EAWL11	L22CH50-3EAWL11
Blue	NO+NC	L21CH60-3EABL11	L22CH60-3EABL11

130 Vac

Red	NO+NC	L21CH10-3EARM11	L22CH10-3EARM11
Green	NO+NC	L21CH20-3EAGM11	L22CH20-3EAGM11
Yellow	NO+NC	L21CH40-3EAYM11	L22CH40-3EAYM11
White	NO+NC	L21CH50-3EAWM11	L22CH50-3EAWM11
Blue	NO+NC	L21CH60-3EABM11	L22CH60-3EABM11

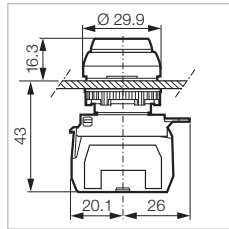
230 Vac

Red	NO+NC	L21CH10-3EARH11	L22CH10-3EARH11
Green	NO+NC	L21CH20-3EAGH11	L22CH20-3EAGH11
Yellow	NO+NC	L21CH40-3EAYH11	L22CH40-3EAYH11
White	NO+NC	L21CH50-3EAWH11	L22CH50-3EAWH11
Blue	NO+NC	L21CH60-3EABH11	L22CH60-3EABH11

PROJECTING



L21CK40-3EAYL11



LED blocks

12/24 Vac/dc

Color	NO+NC	Chrome Bezel Part Number	Black Bezel Part Number
Red	NO+NC	L21CK10-3EARL11	L22CK10-3EARL11
Green	NO+NC	L21CK20-3EAGL11	L22CK20-3EAGL11
Yellow	NO+NC	L21CK40-3EAYL11	L22CK40-3EAYL11
White	NO+NC	L21CK50-3EAWL11	L22CK50-3EAWL11
Blue	NO+NC	L21CK60-3EABL11	L22CK60-3EABL11

130 Vac

Red	NO+NC	L21CK10-3EARM11	L22CK10-3EARM11
Green	NO+NC	L21CK20-3EAGM11	L22CK20-3EAGM11
Yellow	NO+NC	L21CK40-3EAYM11	L22CK40-3EAYM11
White	NO+NC	L21CK50-3EAWM11	L22CK50-3EAWM11
Blue	NO+NC	L21CK60-3EABM11	L22CK60-3EABM11

230 Vac

Red	NO+NC	L21CK10-3EARH11	L22CK10-3EARH11
Green	NO+NC	L21CK20-3EAGH11	L22CK20-3EAGH11
Yellow	NO+NC	L21CK40-3EAYH11	L22CK40-3EAYH11
White	NO+NC	L21CK50-3EAWH11	L22CK50-3EAWH11
Blue	NO+NC	L21CK60-3EABH11	L22CK60-3EABH11

Complete units: Pushbuttons \varnothing 22MM

► MAINTAINED - ILLUMINATED

 Technical Info (p.103)

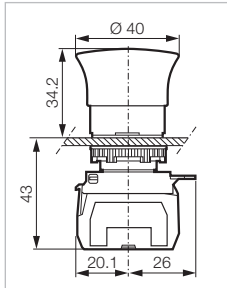
\varnothing 40 MUSHROOM

Push-pull to reset

Black Bezel
Part Number



L22DM10-3EARM11



Red LED block

12/24 Vac/dc

- Red NC
- Red 2 NC
- Red NO + NC

L22DM10-3EARL01
L22DM10-3EARL02
L22DM10-3EARL11

130 Vac

- Red NC
- Red 2 NC
- Red NO + NC

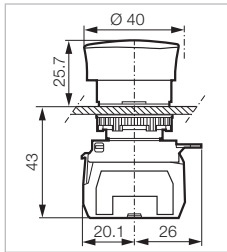
L22DM10-3EARM01
L22DM10-3EARM02
L22DM10-3EARM11

\varnothing 40 MUSHROOM

Push-turn to reset



L22EM10-3EARL02



Red LED block

12/24 Vac/dc

- Red NC
- Red 2 NC
- Red NO + NC

L22EM10-3EARL01
L22EM10-3EARL02
L22EM10-3EARL11

130 Vac

- Red NC
- Red 2 NC
- Red NO + NC

L22EM10-3EARM01
L22EM10-3EARM02
L22EM10-3EARM11

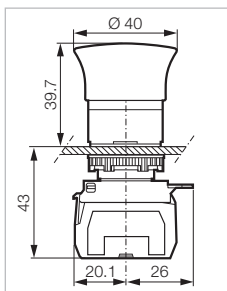
► EMERGENCY STOP MAINTAINED - ILLUMINATED

\varnothing 40 EN 418 / ISO 13850

Push-pull to reset



L22DN10-3EARM02



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

Red LED block

12/24 Vac/dc

- Red NC
- Red 2 NC
- Red NO + NC

L22DN10-3EARL01
L22DN10-3EARL02
L22DN10-3EARL11

130 Vac

- Red NC
- Red 2 NC
- Red NO + NC

L22DN10-3EARM01
L22DN10-3EARM02
L22DN10-3EARM11

Complete units: Selector switches \varnothing 22mm

▶ SELECTOR SWITCHES - ILLUMINATED

 Technical Info (p. 103)

WITH HANDLE

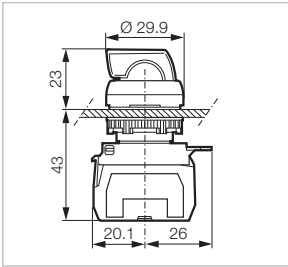
2 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21KG10-3EARL11



LED COLOR / HANDLE COLOR

MAINTAINED POSITIONS - 45°
12/24 Vac/Dc

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC



L21KG10-3EARL11
L21KG20-3EAGL11
L21KG30-3EAWL11
L21KG30-3EAYL11
L21KG30-3EABL11

L22KG10-3EARL11
L22KG20-3EAGL11
L22KG30-3EAWL11
L22KG30-3EAYL11
L22KG30-3EABL11

130 Vac

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC

L21KG10-3EARM11
L21KG20-3EAGM11
L21KG30-3EAWM11
L21KG30-3EAYM11
L21KG30-3EABM11

L22KG10-3EARM11
L22KG20-3EAGM11
L22KG30-3EAWM11
L22KG30-3EAYM11
L22KG30-3EABM11

SPRING RETURN - 45°
12/24 Vac/Dc

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC



L21KH10-3EARL11
L21KH20-3EAGL11
L21KH30-3EAWL11
L21KH30-3EAYL11
L21KH30-3EABL11

L22KH10-3EARL11
L22KH20-3EAGL11
L22KH30-3EAWL11
L22KH30-3EAYL11
L22KH30-3EABL11

130 Vac

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC

L21KH10-3EARM11
L21KH20-3EAGM11
L21KH30-3EAWM11
L21KH30-3EAYM11
L21KH30-3EABM11

L22KH10-3EARM11
L22KH20-3EAGM11
L22KH30-3EAWM11
L22KH30-3EAYM11
L22KH30-3EABM11

MAINTAINED POSITIONS - 90°
12/24 Vac/Dc

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC



L21KL10-3EARL11
L21KL20-3EAGL11
L21KL30-3EAWL11
L21KL30-3EAYL11
L21KL30-3EABL11

L22KL10-3EARL11
L22KL20-3EAGL11
L22KL30-3EAWL11
L22KL30-3EAYL11
L22KL30-3EABL11

130 Vac

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC

L21KL10-3EARM11
L21KL20-3EAGM11
L21KL30-3EAWM11
L21KL30-3EAYM11
L21KL30-3EABM11

L22KL10-3EARM11
L22KL20-3EAGM11
L22KL30-3EAWM11
L22KL30-3EAYM11
L22KL30-3EABM11

Complete units: Selector switches \varnothing 22mm

▶ SELECTOR SWITCHES - ILLUMINATED

 Technical Info (p.103)

WITH HANDLE

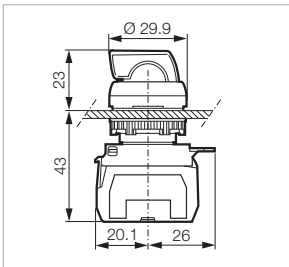
3 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21ME20-3EAGL20



LED COLOR / HANDLE COLOR

MAINTAINED POSITIONS - 45°

12/24 Vac/dc

● Red / Red	2 NO
● Green / Green	2 NO
○ White / Black	2 NO
● Yellow / Black	2 NO
● Blue / Black	2 NO



L21ME10-3EARL20
L21ME20-3EAGL20
L21ME30-3EAWL20
L21ME30-3EAYL20
L21ME30-3EABL20

L22ME10-3EARL20
L22ME20-3EAGL20
L22ME30-3EAWL20
L22ME30-3EAYL20
L22ME30-3EABL20

130 Vac/dc

● Red / Red	2 NO
● Green / Green	2 NO
○ White / Black	2 NO
● Yellow / Black	2 NO
● Blue / Black	2 NO

L21ME10-3EARM20
L21ME20-3EAGM20
L21ME30-3EAWM20
L21ME30-3EAYM20
L21ME30-3EABM20

L22ME10-3EARM20
L22ME20-3EAGM20
L22ME30-3EAWM20
L22ME30-3EAYM20
L22ME30-3EABM20

SPRING RETURN - 45°

12/24 Vac/dc

● Red / Red	2 NO
● Green / Green	2 NO
○ White / Black	2 NO
● Yellow / Black	2 NO
● Blue / Black	2 NO



L21MH10-3EARL20
L21MH20-3EAGL20
L21MH30-3EAWL20
L21MH30-3EAYL20
L21MH30-3EABL20

L22MH10-3EARL20
L22MH20-3EAGL20
L22MH30-3EAWL20
L22MH30-3EAYL20
L22MH30-3EABL20

130 Vac

● Red / Red	2 NO
● Green / Green	2 NO
○ White / Black	2 NO
● Yellow / Black	2 NO
● Blue / Black	2 NO

L21MH10-3EARM20
L21MH20-3EAGM20
L21MH30-3EAWM20
L21MH30-3EAYM20
L21MH30-3EABM20

L22MH10-3EARM20
L22MH20-3EAGM20
L22MH30-3EAWM20
L22MH30-3EAYM20
L22MH30-3EABM20

MAINTAINED / SPRING RETURN - 45°

12/24 Vac/dc

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC



L21MG10-3EARL11
L21MG20-3EAGL11
L21MG30-3EAWL11
L21MG30-3EAYL11
L21MG30-3EABL11

L22MG10-3EARL11
L22MG20-3EAGL11
L22MG30-3EAWL11
L22MG30-3EAYL11
L22MG30-3EABL11

130 Vac

● Red / Red	NO + NC
● Green / Green	NO + NC
○ White / Black	NO + NC
● Yellow / Black	NO + NC
● Blue / Black	NO + NC

L21MG10-3EARM11
L21MG20-3EAGM11
L21MG30-3EAWM11
L21MG30-3EAYM11
L21MG30-3EABM11

L22MG10-3EARM11
L22MG20-3EAGM11
L22MG30-3EAWM11
L22MG30-3EAYM11
L22MG30-3EABM11

Complete units: Pilot lights \varnothing 22MM

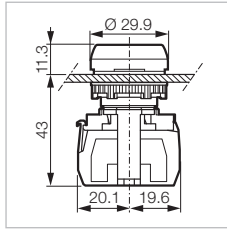
► PILOT LIGHTS

 Technical Info (p.103)

HEAD, CLIP AND MODULE



L20SE20-1EAGL



LED blocks

- Red
- Green
- Yellow
- White
- Blue

12/24 Vac/dc
 L20SE10-1EARL
 L20SE20-1EAGL
 L20SE40-1EAYL
 L20SE50-1EAWL
 L20SE60-1EABL

130Vac
 L20SE10-1EARM
 L20SE20-1EAGM
 L20SE40-1EAYM
 L20SE50-1EAWM
 L20SE60-1EABM

230Vac
 L20SE10-1EARH
 L20SE20-1EAGH
 L20SE40-1EAYH
 L20SE50-1EAWH
 L20SE60-1EABH

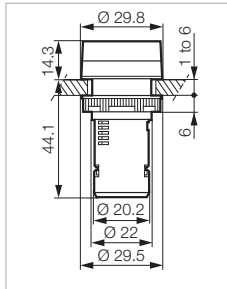
Ribbed Lens
 Part Number

Smooth Lens
 Part Number

ONE-PIECE PILOT PLIGHTS - SUPPLIED WITH LED BULBS



L20SA40LA



6 Vac/dc

- Red
- Green
- Clear
- Yellow
- White
- Blue

L20SA10CA
 L20SA20CA
 L20SA30CA
 L20SA40CA
 L20SA50CA
 L20SA60CA

L20SA10C
 L20SA20C

 L20SA40C
 L20SA50C
 L20SA60C

12 Vac/dc

- Red
- Green
- Clear
- Yellow
- White
- Blue

L20SA10JA
 L20SA20JA
 L20SA30JA
 L20SA40JA
 L20SA50JA
 L20SA60JA

L20SA10J
 L20SA20J

 L20SA40J
 L20SA50J
 L20SA60J



L20SA10M

24 Vac/dc

- Red
- Green
- Clear
- Yellow
- White
- Blue

L20SA10LA
 L20SA20LA
 L20SA30LA
 L20SA40LA
 L20SA50LA
 L20SA60LA

L20SA10L
 L20SA20L

 L20SA40L
 L20SA50L
 L20SA60L

120 Vac

- Red
- Green
- Clear
- Yellow
- White
- Blue

L20SA10MA
 L20SA20MA
 L20SA30MA
 L20SA40MA
 L20SA50MA
 L20SA60MA

L20SA10M
 L20SA20M

 L20SA40M
 L20SA50M
 L20SA60M

240 Vac

- Red
- Green
- Clear
- Yellow
- White
- Blue

L20SA10HA
 L20SA20HA
 L20SA30HA
 L20SA40HA
 L20SA50HA
 L20SA60HA

L20SA10H
 L20SA20H

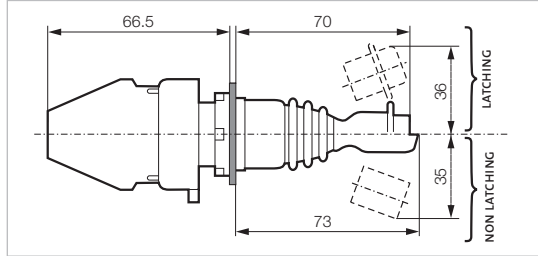
 L20SA40H
 L20SA50H
 L20SA60H

Complete units: Joysticks ϕ 22MM

▶ JOYSTICK SWITCHES - NON ILLUMINATED

 Technical Info (p.103)

HEAD, CLIP AND MODULE(S)



All contacts are open in the center position (0). Complete units shown feature one or two independent contact closed in each position A,B,C, and D.



LM2F-3M2

HEAD DOES NOT LOCK IN CENTER POSITION 0

2 POSITIONS WITH OFF

		# Contacts Closed Per Position	Total # Contacts	Part Number
maintained	A - 0 - B	1	2	LM2F-3M2
		2	4	LM2F-3M4
spring return	A → 0 ← B	1	2	LM2A-3M2
		2	4	LM2A-3M4

4 POSITIONS WITH OFF

maintained	A C - 0 - D B	2	4	LM4F-3M4
		4	8	LM4F-5M8
spring-return	A C → 0 ← D B	2	4	LM4A-3M4
		4	8	LM4A-5M8



LMV4F-5M8

HEAD LOCKS IN CENTER POSITION 0

2 POSITIONS WITH OFF

maintained	A - 0 - B	1	2	LMV2F-3M2
		2	4	LMV2F-3M4
spring return	A → 0 ← B	1	2	LMV2A-3M2
		2	4	LMV2A-3M4


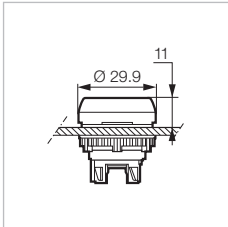




4 POSITIONS WITH OFF

maintained	A C - 0 - D B	2	4	LMV4F-3M4
		4	8	LMV4F-5M8
spring return	A C → 0 ← D B	2	4	LMV4A-3M4
		4	8	LMV4A-5M8

Operator Heads: ϕ 22MM

► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p. 103)

FLUSH		Chrome Bezel Part Number	Black Bezel Part Number
		<ul style="list-style-type: none"> ● Red L21AA01 ● Green L21AA02 ● Black L21AA03 ● Yellow L21AA04 ○ White L21AA05 ● Blue L21AA06 	<ul style="list-style-type: none"> L22AA01 L22AA02 L22AA03 L22AA04 L22AA05 L22AA06
L21AA02		WITH INTERNATIONAL SYMBOL	
		<ul style="list-style-type: none"> ● Red L21AA81 ●  Green L21AA82 ●  Black L21AA83 	<ul style="list-style-type: none"> L22AA81 L22AA82 L22AA83
		WITH TEXT OR SYMBOL (see p. 80 to 83)	
L22AA34328		Code to be added at the end of the part number. For custom text or symbol please contact us.	
		<ul style="list-style-type: none"> ● Red L21AA31□□□□ ● Green L21AA32□□□□ ● Black L21AA33□□□□ ● Yellow L21AA34□□□□ ○ White L21AA35□□□□ ● Blue L21AA36□□□□ 	<ul style="list-style-type: none"> L22AA31□□□□ L22AA32□□□□ L22AA33□□□□ L22AA34□□□□ L22AA35□□□□ L22AA36□□□□
		WITHOUT CAP	
L21AA00		L21AA00	L22AA00
		Pushbutton caps (see p. 84)	

Operator Heads: ϕ 22mm

► **SPRING RETURN - NON-ILLUMINATED**

 Technical Info (p. 103)

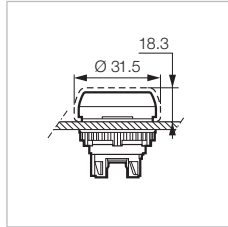
FLUSH WITH SHROUD

Reinforced degree of protection: IP 67

Black Bezel
Part Number



L22AM01A



Supplied with flat shroud

TRANSPARENT SHROUD

- Red
- Green
- Black
- Yellow
- White
- Blue

Components
Operator + Shroud

- L22AA01 + LWA0255
- L22AA02 + LWA0255
- L22AA03 + LWA0255
- L22AA04 + LWA0255
- L22AA05 + LWA0255
- L22AA06 + LWA0255

- L22AM01A**
- L22AM02A**
- L22AM03A**
- L22AM04A**
- L22AM05A**
- L22AM06A**

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red
- Green
- Black
- Yellow
- White
- Blue

- L22AA31[] + LWA0255
- L22AA32[] + LWA0255
- L22AA33[] + LWA0255
- L22AA34[] + LWA0255
- L22AA35[] + LWA0255
- L22AA36[] + LWA0255

- L22AM31[]**
- L22AM32[]**
- L22AM33[]**
- L22AM34[]**
- L22AM35[]**
- L22AM36[]**

COLORED SHROUD

- Red
- Green
- Black

- L22AA01 + LWA0251
- L22AA02 + LWA0252
- L22AA03 + LWA0253

- L22AM01**
- L22AM02**
- L22AM03**

Operator Heads: ϕ 22MM

► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p.103)

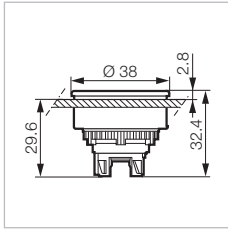
SUPER FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L23AA02



Metal chrome bezel
Panel cut-out ϕ 30mm

● Red	L23AA01
● Green	L23AA02
● Black	L23AA03
● Yellow	L23AA04
○ White	L23AA05
● Blue	L23AA06

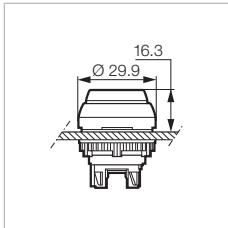
WITH INTERNATIONAL SYMBOL

 Red	L23AA81
 Green	L23AA82

PROJECTING



L21AB01



● Red	L21AB01	L22AB01
● Green	L21AB02	L22AB02
● Black	L21AB03	L22AB03
● Yellow	L21AB04	L22AB04
○ White	L21AB05	L22AB05
● Blue	L21AB06	L22AB06

WITH INTERNATIONAL SYMBOL

 Red	L21AB01B	L22AB01B
---	----------	----------

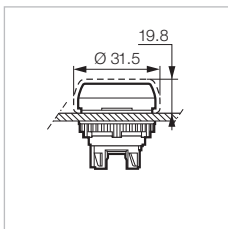
PROJECTING WITH SHROUD

Reinforced degree of protection: IP 67

Black Bezel
Part Number



L22AX04



Supplied with domed shroud

TRANSPARENT SHROUD

Components
Operator + Shroud

● Red	L22AB01 + LWA0228	L22AX01
● Green	L22AB02 + LWA0228	L22AX02
● Black	L22AB03 + LWA0228	L22AX03
● Yellow	L22AB04 + LWA0228	L22AX04
○ White	L22AB05 + LWA0228	L22AX05
● Blue	L22AB06 + LWA0228	L22AX06

COLORED SHROUD

● Red	L22AB01 + LWA0203	L22AW01
● Green	L22AB02 + LWA0204	L22AW02
● Black	L22AB03 + LWA0205	L22AW03

Operator Heads: \varnothing 22mm

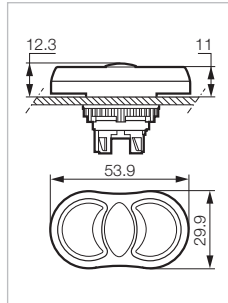
► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p. 103)

FLUSH-FLUSH



L61QA21



Twin touch

Chrome Bezel
Part Number

Black Bezel
Part Number

WITH INTERNATIONAL SYMBOLS

 Green

 Red

 White

 Black


L61QA21

L62QA21

L61QA53

L62QA53

WITH TEXT


 Green (START)


 Red (STOP)

L61QA21B

L62QA21B

WITH SYMBOLS OR ARROWS

 Green \triangleleft \triangleright (symbol for OPEN)

 Green \triangleright \triangleleft (symbol for CLOSE)

L61QA22

L62QA22

 Green

 Green

L61QA22K

L62QA22K

 Black

 Black

L61QA33C

L62QA33C

BLANK

 Green

 Red

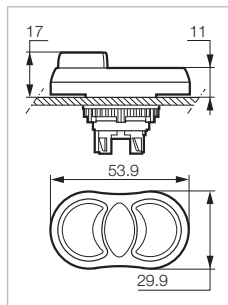
L61QA21V

L62QA21V

FLUSH-PROJECTING



L61QB21



Twin touch

WITH INTERNATIONAL SYMBOLS


 Green

 Red

L61QB21

L62QB21

WITH TEXT

 Green (START)

 Red (STOP)

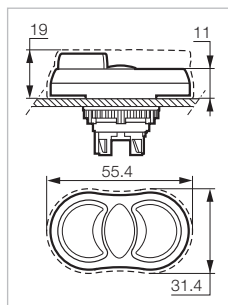
L61QB21B

L62QB21B

FLUSH-PROJECTING WITH SHROUD



L61QM21



Twin touch - reinforced degree of protection: IP 67

Supplied with transparent shroud

WITH INTERNATIONAL SYMBOLS


 Green

 Red

L61QM21

L62QM21

WITH TEXT

 Green (START)

 Red (STOP)


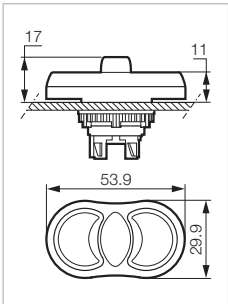












L61QM21B

L62QM21B

Operator Heads: \varnothing 22MM

► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p.103)

FLUSH-PROJECTING-FLUSH		Triple touch	Chrome Bezel Part Number	Black Bezel Part Number
 <p>L61BA22</p>		WITH ARROWS AND TEXT		
		<ul style="list-style-type: none">  Green  Red (STOP)  Green 	L61BA22	L62BA22
		<ul style="list-style-type: none">  Green  Red (STOP)  Green 	L61BA22B	L62BA22B
		WITH TEXT		
	<ul style="list-style-type: none">  Green (UP)  Red (STOP)  Green (DOWN) 	L61BA22G	L62BA22G	
	<ul style="list-style-type: none">  Green (OPEN)  Red (STOP)  Green (CLOSE) 	L61BA22F	L62BA22F	


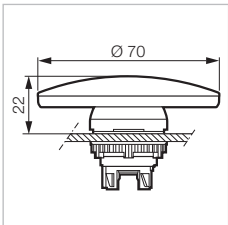


\varnothing 32 MUSHROOM

 <p>L21AC03</p>		<ul style="list-style-type: none">  Red  Green  Black  Yellow 	L21AC01 L21AC02 L21AC03 L21AC04	L22AC01 L22AC02 L22AC03 L22AC04
---	--	---	--	--

\varnothing 40 MUSHROOM

 <p>L21AD01</p>		<ul style="list-style-type: none">  Red  Green  Black  Yellow  Blue 	L21AD01 L21AD02 L21AD03 L21AD04 L21AD06	L22AD01 L22AD02 L22AD03 L22AD04 L22AD06
		WITH TEXT		
		<ul style="list-style-type: none">  Red (STOP STOP STOP) 	L21AD01S	L22AD01S

\varnothing 70 MUSHROOM

 <p>L21AE03</p>		<ul style="list-style-type: none">  Red  Black 	L21AE01 L21AE03	L22AE01 L22AE03
--	---	--	--------------------	--------------------

Operator Heads: ϕ 22mm

▶ MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

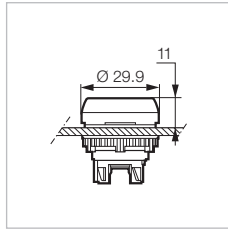
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21CA01



- Red
- Green
- Black
- Yellow
- White
- Blue

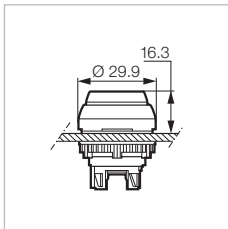
- L21CA01
- L21CA02
- L21CA03
- L21CA04
- L21CA05
- L21CA06

- L22CA01
- L22CA02
- L22CA03
- L22CA04
- L22CA05
- L22CA06

PROJECTING



L21CB02



- Red
- Green
- Black
- Yellow
- White
- Blue

- L21CB01
- L21CB02
- L21CB03
- L21CB04
- L21CB05
- L21CB06

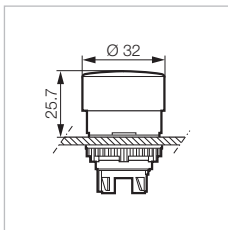
- L22CB01
- L22CB02
- L22CB03
- L22CB04
- L22CB05
- L22CB06

ϕ 32 MUSHROOM

Push-turn to reset



L22EC01



- Red
- Green
- Black
- Yellow

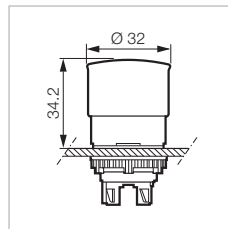
- L22EC01
- L22EC02
- L22EC03
- L22EC04

ϕ 32 MUSHROOM

Push-pull to reset



L22DC01



- Red

- L22DC01

Operator Heads: \varnothing 22MM

► MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

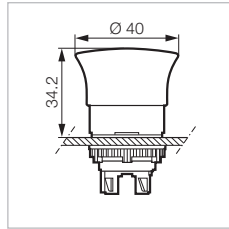
\varnothing 40 - MUSHROOM

Push-pull to reset

Black Bezel
Part Number



L22DD01



- Red
- Green
- Black
- Yellow

WITH TEXT

- Red (STOP STOP STOP)

L22DD01
L22DD02
L22DD03
L22DD04

L22DD01S

WITH INTERNATIONAL SYMBOL

- Red

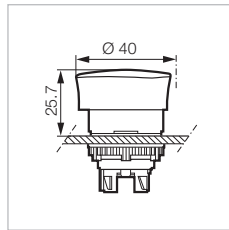
L22DD01C

\varnothing 40 MUSHROOM

Push-turn to reset



L22ED01



- Red
- Green
- Black
- Yellow

WITH TEXT

- Red (STOP STOP STOP)

L22ED01
L22ED02
L22ED03
L22ED04

L22ED01S

WITH WHITE ARROWS

- Red

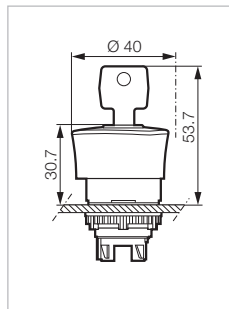
L22ED01G

\varnothing 40 - MUSHROOM

Key to reset



L22GM01



Supplied with 2 keys profile n° 455

- Red

L22GM01

Operator Heads: \varnothing 22MM

► EMERGENCY STOP MAINTAINED - NON-ILLUMINATED

 Technical Info (p. 103)

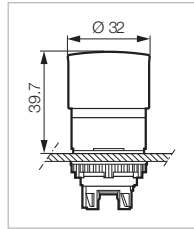
\varnothing 32 EN 418 / ISO 13850

Push-pull

Black Bezel
Part Number



L22DQ01



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red

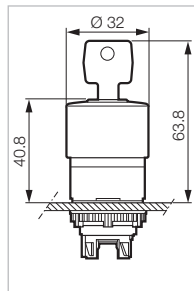
L22DQ01

\varnothing 32 EN 418 / ISO 13850

Key to reset



L22GQ01



Supplied with 2 keys profile n° 455
Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red

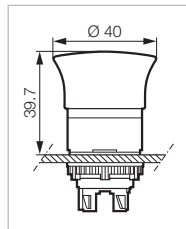
L22GQ01

\varnothing 40 EN 418 / ISO 13850

Push-pull to reset



L22DR01



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red

L22DR01

Operator Heads: \varnothing 22MM

► EMERGENCY STOP MAINTAINED - NON-ILLUMINATED

 Technical Info (p. 103)

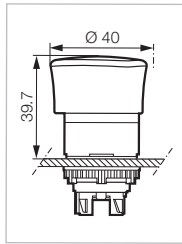
\varnothing 40 EN 418 / ISO 13850

Push-turn to reset

Black Bezel
Part Number



L22ER01



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red

L22ER01

WITH TEXT

● Red (EMO)

L22ER01F

WITH SYMBOL

 Red

L22ER016911



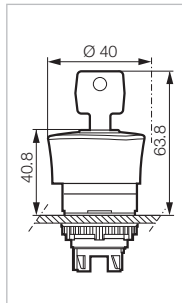
L22ER016911

\varnothing 40 EN 418 / ISO 13850

Key to reset



L22GR01



Supplied with 2 keys profile n° 455
Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red

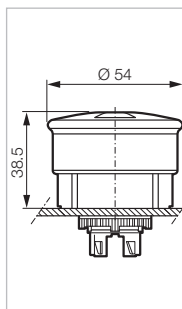
L22GR01

\varnothing 54 EN 418 / ISO 13850

Push-pull to reset with flag indicator



L22DU01



Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red - (O- I)

L22DU01A


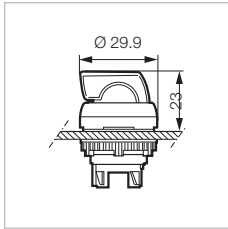
● Red - (STOP - I)

L22DU01

Operator Heads: \varnothing 22MM

▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH HANDLE	2 positions		Chrome Bezel Part Number	Black Bezel Part Number
 <p>L21KA03</p>		MAINTAINED POSITIONS - 45° <ul style="list-style-type: none"> ● Red ● Green ● Black ● Grey 	L21KA01 L21KA02 L21KA03 L21KA08	L22KA01 L22KA02 L22KA03 L22KA08
		SPRING RETURN - 45° <ul style="list-style-type: none"> ● Red ● Green ● Black ● Grey 	L21KB01 L21KB02 L21KB03 L21KB08	L22KB01 L22KB02 L22KB03 L22KB08
		MAINTAINED POSITIONS - 45° <ul style="list-style-type: none"> ● Red ● Green ● Black ● Grey 	L21KC01 L21KC02 L21KC03 L21KC08	L22KC01 L22KC02 L22KC03 L22KC08
		SPRING RETURN - 45° <ul style="list-style-type: none"> ● Red ● Green ● Black ● Grey 	L21KD01 L21KD02 L21KD03 L21KD08	L22KD01 L22KD02 L22KD03 L22KD08
		MAINTAINED POSITIONS - 90° <ul style="list-style-type: none"> ● Red ● Green ● Black ● Grey 	L21KE01 L21KE02 L21KE03 L21KE08	L22KE01 L22KE02 L22KE03 L22KE08
		MAINTAINED POSITIONS - 90° <ul style="list-style-type: none"> ● Red ● Green ● Black ● Grey 	L21KF01 L21KF02 L21KF03 L21KF08	L22KF01 L22KF02 L22KF03 L22KF08

Operator Heads: \varnothing 22MM

▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p.103)

WITH LEVER HANDLE

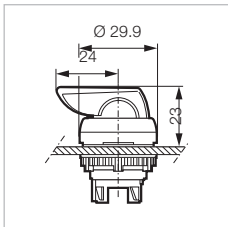
2 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21KP03



MAINTAINED POSITIONS - 45°

- Red
- Green
- Black
- Grey



L21KP01
L21KP02
L21KP03
L21KP08

L22KP01
L22KP02
L22KP03
L22KP08

SPRING RETURN - 45°

- Red
- Green
- Black



L21KQ01
L21KQ02
L21KQ03

L22KQ01
L22KQ02
L22KQ03

MAINTAINED POSITIONS - 45°

- Red
- Green
- Black



L21KR01
L21KR02
L21KR03

L22KR01
L22KR02
L22KR03

SPRING RETURN - 45°

- Red
- Green
- Black



L21KS01
L21KS02
L21KS03

L22KS01
L22KS02
L22KS03

MAINTAINED POSITIONS - 90°

- Red
- Green
- Black



L21KT01
L21KT02
L21KT03

L22KT01
L22KT02
L22KT03

MAINTAINED POSITIONS - 90°

- Red
- Green
- Black



L21KU01
L21KU02
L21KU03

L22KU01
L22KU02
L22KU03

Operator Heads: \varnothing 22mm

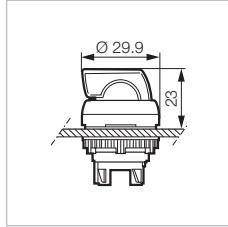
▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p.103)

WITH HANDLE	3 positions	Chrome Bezel Part Number	Black Bezel Part Number
-------------	-------------	-----------------------------	----------------------------



L21MA03



MAINTAINED POSITIONS - 45°

- Red
- Green
- Black
- Grey



- L21MA01
- L21MA02
- L21MA03
- L21MA08

- L22MA01
- L22MA02
- L22MA03
- L22MA08

SPRING RETURN FROM LEFT TO 0 - 45°

- Red
- Green
- Black
- Grey



- L21MB01
- L21MB02
- L21MB03
- L21MB08

- L22MB01
- L22MB02
- L22MB03
- L22MB08

SPRING RETURN FROM RIGHT TO 0 - 45°

- Red
- Green
- Black
- Grey



- L21MC01
- L21MC02
- L21MC03
- L21MC08

- L22MC01
- L22MC02
- L22MC03
- L22MC08

SPRING RETURN TO 0 - 45°

- Red
- Green
- Black
- Grey



- L21MD01
- L21MD02
- L21MD03
- L21MD08

- L22MD01
- L22MD02
- L22MD03
- L22MD08

MAINTAINED POSITIONS - 90°

- Red
- Green
- Black
- Grey



- L21MK01
- L21MK02
- L21MK03
- L21MK08

- L22MK01
- L22MK02
- L22MK03
- L22MK08



L21MA08

Operator Heads: \varnothing 22MM

▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH LEVER HANDLE

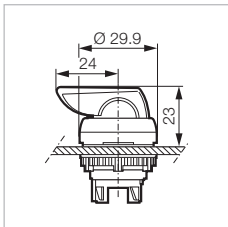
3 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21MR03



MAINTAINED POSITIONS - 45°

- Red
- Green
- Black
- Grey



L21MR01
L21MR02
L21MR03
L21MR08

L22MR01
L22MR02
L22MR03
L22MR08

SPRING RETURN FROM LEFT TO 0 - 45°

- Red
- Green
- Black
- Grey



L21MS01
L21MS02
L21MS03
L21MS08

L22MS01
L22MS02
L22MS03
L22MS08

SPRING RETURN FROM RIGHT TO 0 - 45°

- Red
- Green
- Black
- Grey



L21MT01
L21MT02
L21MT03
L21MT08

L22MT01
L22MT02
L22MT03
L22MT08

SPRING RETURN TO 0 - 45°

- Red
- Green
- Black
- Grey



L21MU01
L21MU02
L21MU03
L21MU08

L22MU01
L22MU02
L22MU03
L22MU08

Operator Heads: \varnothing 22mm

SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH KNOB

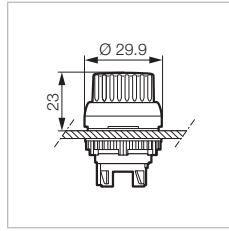
2 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21TF03



MAINTAINED POSITIONS - 45°

● Black



L21TA03

L22TA03

SPRING RETURN - 45°

● Black



L21TB03

L22TB03

MAINTAINED POSITIONS - 90°

L21TF03

● Black



L21TF03

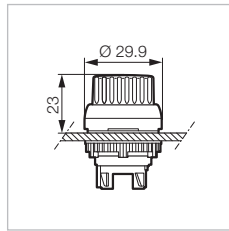
L22TF03

WITH KNOB

3 positions



L21UA03



MAINTAINED POSITIONS - 45°

● Black



L21UA03

L22UA03

SPRING RETURN FROM LEFT TO 0 - 45°

● Black



L21UB03

L22UB03

SPRING RETURN FROM RIGHT TO 0 - 45°

● Black



L21UC03

L22UC03

SPRING RETURN TO 0 - 45°

● Black



L21UD03

L22UD03

MAINTAINED POSITIONS - 90°

● Black



L21UK03

L22UK03

Operator Heads: \varnothing 22MM

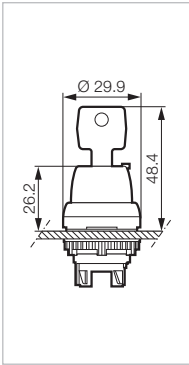
▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p.103)

WITH KEY	2 positions	Chrome Bezel Part Number	Black Bezel Part Number
----------	-------------	-----------------------------	----------------------------



L21LG00



Supplied with 2 keys profile n° 455

KEY FREE IN POSITION:

MAINTAINED POSITIONS - 45°

● Black



0

L21LA00

L22LA00

SPRING RETURN - 45°

● Black



0

L21LB00

L22LB00

MAINTAINED POSITIONS - 45°

● Black



0

L21LC00

L22LC00

SPRING RETURN - 45°

● Black



0

L21LD00

L22LD00

MAINTAINED POSITIONS - 90°

● Black



0

L21LF00

L22LF00

MAINTAINED POSITIONS - 90°

● Black



0 - 1

L21LG00

L22LG00

MAINTAINED POSITIONS - 90°

● Black



0 - 1

L21LH00

L22LH00

MAINTAINED POSITIONS - 90°

● Black



1

L21LK00

L22LK00

FOR KEY PROFILE N° 1424A ADD SUFFIX "A" TO END OF ABOVE PART NUMBERS (IE. L21LA00A)

Operator Heads: \varnothing 22MM

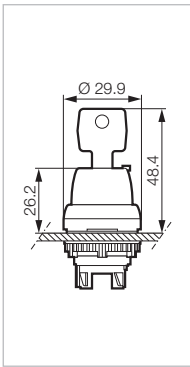
▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH KEY	3 positions	Chrome Bezel Part Number	Black Bezel Part Number
----------	-------------	-----------------------------	----------------------------



L21NA00




Supplied with 2 keys profile n° 455

KEY FREE IN POSITION:


MAINTAINED POSITIONS - 45°

● Black  0 **L21NA00** **L22NA00**

SPRING RETURN FROM LEFT TO 0 - 45°

● Black  0 **L21NB00** **L22NB00**


SPRING RETURN FROM RIGHT TO 0 - 45°

● Black  0 **L21NC00** **L22NC00**

SPRING RETURN TO 0 - 45°

● Black  0 **L21ND00** **L22ND00**


MAINTAINED POSITIONS - 45°

● Black  0 **L21NE00** **L22NE00** 1 - 2

SPRING RETURN FROM RIGHT TO 0 - 45°

● Black  0 **L21NJ00** **L22NJ00** 1

MAINTAINED POSITIONS - 90°

● Black  0 **L21NK00** **L22NK00** 1 - 0 - 2

MAINTAINED POSITIONS - 90°

● Black  0 **L21NL00** **L22NL00** 0

FOR KEY PROFILE N° 1424A ADD SUFFIX "A" TO END OF ABOVE PART NUMBERS (IE. L21NA00A)

Operator Heads: ϕ 22mm

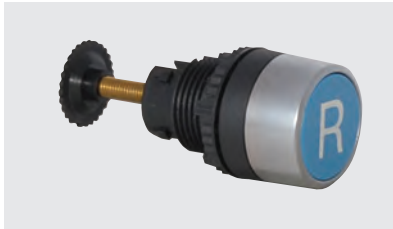
▶ MECHANICAL ACTUATOR MOMENTARY - NON-ILLUMINATED

 Technical Info (p.103)

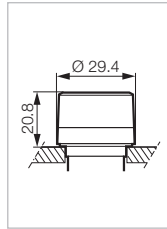
ADJUSTABLE MECHANICAL ACTUATOR - FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21HA36949



To be used without electrical block
Stroke 11 mm
Adjustable: 26 mm min to 46 mm max / front side of panel

WITHOUT TEXT OR SYMBOL

● Red	L21HA01	L22HA01
● Green	L21HA02	L22HA02
● Black	L21HA03	L22HA03
● Yellow	L21HA04	L22HA04
○ White	L21HA05	L22HA05
● Blue	L21HA06	L22HA06

WITH TEXT OR SYMBOL (see p. 80 to 83)

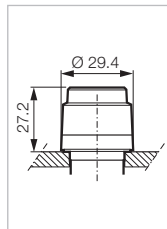
Code to be added at the end of the part number
For custom text or symbol please contact us.

● Red	L21HA31□□□□	L22HA31□□□□
● Green	L21HA32□□□□	L22HA32□□□□
● Black	L21HA33□□□□	L22HA33□□□□
● Yellow	L21HA34□□□□	L22HA34□□□□
○ White	L21HA35□□□□	L22HA35□□□□
● Blue	L21HA36□□□□	L22HA36□□□□
● R Blue	L21HA36949	L22HA36949

ADJUSTABLE MECHANICAL ACTUATOR - PROJECTING



L21HB06



To be used without electrical block
Stroke 11 mm
Adjustable: 26 mm min to 46 mm max / front side of panel

● Red	L21HB01	L22HB01
● Green	L21HB02	L22HB02
● Black	L21HB03	L22HB03
● Yellow	L21HB04	L22HB04
○ White	L21HB05	L22HB05
● Blue	L21HB06	L22HB06

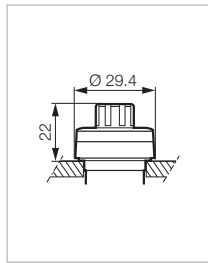
Operator Heads: ϕ 22mm

▶ BUTTON FOR POTENTIOMETER - NON-ILLUMINATED

 Technical Info (p.103)

Chrome Bezel
Part Number

Black Bezel
Part Number



Head + mounting base for potentiometer with Plastic chrome bezel

Shaft ϕ 6 or 6.35 mm
Potentiometer length 46 to 51 mm

L21RP03

L22RP03

NOTE: POTENTIOMETER NOT INCLUDED

L21RP03

▶ JOYSTICKS - NON-ILLUMINATED

Part Number



LM2F

Heads supplied with a 3 position clip
Specific electrical blocks (p. 71)

HEAD DOES NOT LOCK IN POSITION 0

2 DIRECTIONS - 3 POSITIONS

2 maintained

A - 0 - B

LM2F

2 spring-return

A → 0 ← B

LM2A

4 DIRECTIONS - 5 POSITIONS

4 maintained

A
C - 0 - D
B

LM4F

4 spring-return

A
C → 0 ← D
B

LM4A

HEAD LOCKS IN POSITION 0

2 DIRECTIONS - 3 POSITIONS

2 maintained

A - 0 - B

LMV2F

2 spring-return

A → 0 ← B

LMV2A

4 DIRECTIONS - 5 POSITIONS

4 maintained

A
C - 0 - D
B

LMV4F

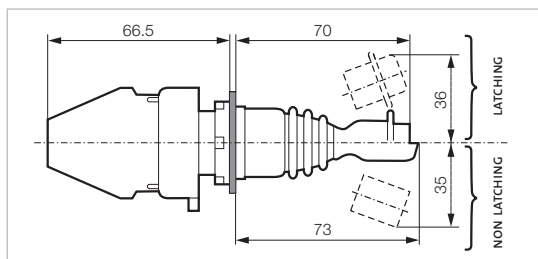
4 spring-return

A
C → 0 ← D
B

LMV4A




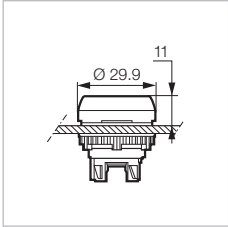

LMV4F


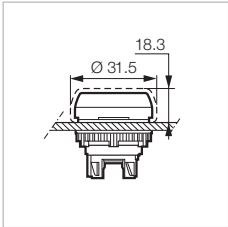


Operator Heads: \varnothing 22MM

► SPRING RETURN - ILLUMINATED

 Technical Info (p.103)

FLUSH		Chrome Bezel Part Number	Black Bezel Part Number
		<ul style="list-style-type: none"> ● Red L21AH10 ● Green L21AH20 ● Yellow L21AH40 ○ White L21AH50 ● Blue L21AH60 	<ul style="list-style-type: none"> L22AH10 L22AH20 L22AH40 L22AH50 L22AH60
<p>WITH TEXT OR SYMBOL (see p. 80 to 83) Code to be added at the end of the part number. For custom text or symbol please contact us.</p>			
		<ul style="list-style-type: none"> ● Red L21AH31 ● Green L21AH32 ● Yellow L21AH34 ○ White L21AH35 ● Blue L21AH36 	<ul style="list-style-type: none"> L22AH31 L22AH32 L22AH34 L22AH35 L22AH36
<p>WITHOUT CAP L21AH00 L22AH00 Pushbutton caps (see p. 84)</p>			

FLUSH WITH SHROUD		Reinforced degree of protection: IP 67		Black Bezel Part Number
		Supplied with flat shroud	Components Operator + Shroud	
TRANSPARENT SHROUD				
		<ul style="list-style-type: none"> ● Red L22AH10 + LWA0255 ● Green L22AH20 + LWA0255 ● Yellow L22AH40 + LWA0255 ○ White L22AH50 + LWA0255 ● Blue L22AH60 + LWA0255 		<ul style="list-style-type: none"> L22AQ10 L22AQ20 L22AQ40 L22AQ50 L22AQ60
<p>WITH TEXT OR SYMBOL (see p. 80 to 83) Code to be added at the end of the part number. For custom text or symbol please contact us.</p>				
		<ul style="list-style-type: none"> ● Red L22AH31 + LWA0255 ● Green L22AH32 + LWA0255 ● Yellow L22AH34 + LWA0255 ○ White L22AH35 + LWA0255 ● Blue L22AH36 + LWA0255 		<ul style="list-style-type: none"> L22AQ31 L22AQ32 L22AQ34 L22AQ35 L22AQ36

Operator Heads: ϕ 22mm

► SPRING RETURN - ILLUMINATED

 Technical Info (p. 103)

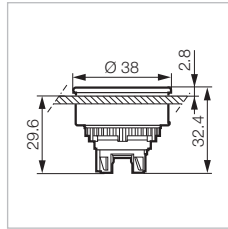
SUPER FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L23AH10



METAL CHROME BEZEL
Panel cut-out ϕ 30 mm

WITHOUT ENGRAVING

- | | |
|----------|---------|
| ● Red | L23AH10 |
| ● Green | L23AH20 |
| ● Yellow | L23AH40 |
| ○ White | L23AH50 |
| ● Blue | L23AH60 |

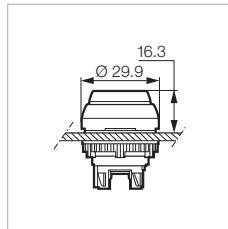
WITH TEXT OR SYMBOL (see p. 80 TO 83)
Code to be added at the end of the part number.
For custom text or symbol please contact us.

- | | | |
|----------|---------|------|
| ● Red | L23AH31 | □□□□ |
| ● Green | L23AH32 | □□□□ |
| ● Yellow | L23AH34 | □□□□ |
| ○ White | L23AH35 | □□□□ |
| ● Blue | L23AH36 | □□□□ |

PROJECTING



L21AK20



- | | |
|----------|---------|
| ● Red | L21AK10 |
| ● Green | L21AK20 |
| ● Yellow | L21AK40 |
| ○ White | L21AK50 |
| ● Blue | L21AK60 |

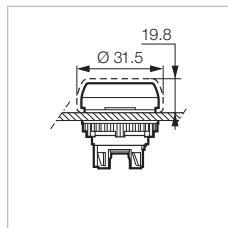
- | |
|---------|
| L22AK10 |
| L22AK20 |
| L22AK40 |
| L22AK50 |
| L22AK60 |

PROJECTING WITH SHROUD

Black Bezel
Part Number



L22AZ10



Supplied with domed shroud

TRANSPARENT SHROUD


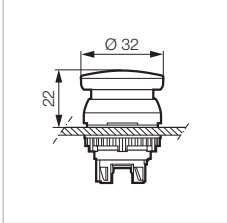

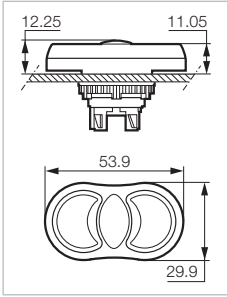

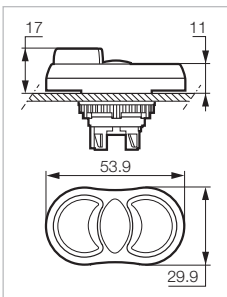

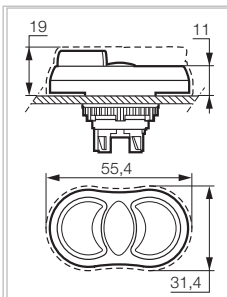
- | | | |
|----------|-------------------|---------|
| ● Red | L22AK10 + LWA0228 | L22AZ10 |
| ● Green | L22AK20 + LWA0228 | L22AZ20 |
| ● Yellow | L22AK40 + LWA0228 | L22AZ40 |
| ○ White | L22AK50 + LWA0228 | L22AZ50 |
| ● Blue | L22AK60 + LWA0228 | L22AZ60 |

Components
Operator + Shroud

Operator Heads: \varnothing 22MM

► SPRING RETURN - ILLUMINATED

 Technical Info (p.103)

\varnothing 32 MUSHROOM	Push	Chrome Bezel Part Number	Black Bezel Part Number
 <p>L21AL10</p> 	<ul style="list-style-type: none"> ● Red ● Green ● Yellow ○ White 	<p>L21AL10 L21AL20 L21AL40 L21AL50</p>	<p>L22AL10 L22AL20 L22AL40 L22AL50</p>
<h3>FLUSH-FLUSH</h3>  <p>L62QH21</p> 	<p>Twin touch</p> <p>CENTRAL PART ILLUMINATED WITH INTERNATIONAL SYMBOLS</p> <ul style="list-style-type: none"> ● Green ● Red <p>BLANK</p> <ul style="list-style-type: none"> ● Green ● Green <p>WITH TEXT</p> <ul style="list-style-type: none"> ● Green (START) ● Red (STOP) <p>WITH ARROWS</p> <ul style="list-style-type: none"> ↑ Green (up arrow) ↓ Green (down arrow) 	<p>L61QH21 L61QH22V L61QH21A L61QH22A</p>	<p>L62QH21 L62QH22V L62QH21A L62QH22A</p>
<h3>FLUSH-PROJECTING</h3>  <p>L61QK21</p> 	<p>Twin touch</p> <p>CENTRAL PART ILLUMINATED</p> <ul style="list-style-type: none"> ● Green ● Red <p>WITH INTERNATIONAL SYMBOLS</p> <ul style="list-style-type: none"> ○ White ● Black <p>WITH TEXT</p> <ul style="list-style-type: none"> ● Green (START) ● Red (STOP) 	<p>L61QK21 L61QK53 L61QK21A</p>	<p>L62QK21 L62QK53 L62QK21A</p>
<h3>FLUSH-PROJECTING WITH SHROUD</h3>  <p>L62QN21</p> 	<p>Twin touch - reinforced degree of protection: IP 67</p> <p>CENTRAL PART ILLUMINATED WITH INTERNATIONAL SYMBOLS</p> <ul style="list-style-type: none"> ● Green ● Red <p>WITH TEXT</p> <ul style="list-style-type: none"> ● Green (START) ● Red (STOP) 	<p>L61QN21 L61QN21A</p>	<p>L62QN21 L62QN21A</p>

Operator Heads: ϕ 22mm

► MAINTAINED - ILLUMINATED

 Technical Info (p.103)

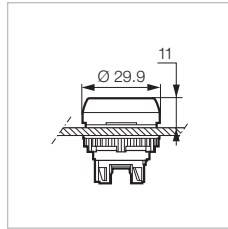
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21CH20



- Red
- Green
- Yellow
- White
- Blue

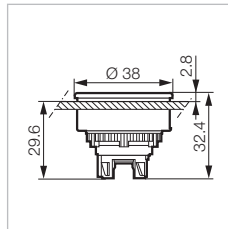
- L21CH10
- L21CH20
- L21CH40
- L21CH50
- L21CH60

- L22CH10
- L22CH20
- L22CH40
- L22CH50
- L22CH60

SUPER FLUSH



L23CH10



Metal chrome bezel
Panel Cut-out ϕ 30 mm

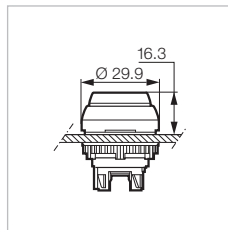
- Red
- Green
- Yellow
- White
- Blue

- L23CH10
- L23CH20
- L23CH40
- L23CH50
- L23CH60

PROJECTING



L21CK20



- Red
- Green
- Yellow
- White
- Blue

- L21CK10
- L21CK20
- L21CK40
- L21CK50
- L21CK60

- L22CK10
- L22CK20
- L22CK40
- L22CK50
- L22CK60

Operator Heads: \varnothing 22MM

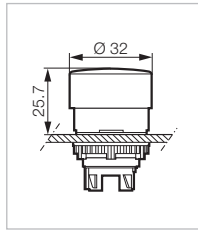
► MAINTAINED - ILLUMINATED

 Technical Info (p. 103)

Black Bezel
Part Number

\varnothing 32 MUSHROOM

Push-turn to reset



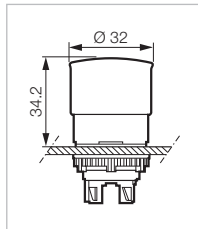
- Red
- Green
- Yellow

L22EL10
L22EL20
L22EL40

L22EL10

\varnothing 32 MUSHROOM

Push-pull to reset



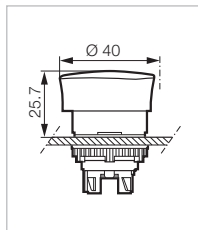
- Red

L22DL10

L22DL10

\varnothing 40 MUSHROOM

Push-turn to reset



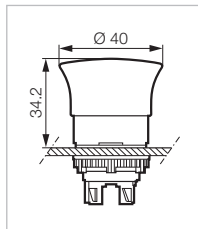
- Red
- Green
- Yellow

L22EM10
L22EM20
L22EM40

L22EM10

\varnothing 40 MUSHROOM

Push-pull to reset



- Red
- Green
- Yellow
- White

L22DM10
L22DM20
L22DM40
L22DM50

L22DM10

Operator Heads: \varnothing 22mm

EMERGENCY STOP MAINTAINED - ILLUMINATED

 Technical Info (p. 103)

\varnothing 40 EN 418 / ISO 13850

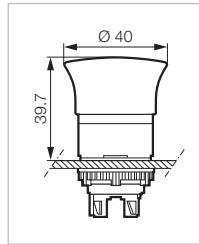
Push-pull to reset

Chrome Bezel
Part Number

Black Bezel
Part Number



L22DN10



Black bezel
Head position visible from the side with yellow collar
Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red

L22DN10

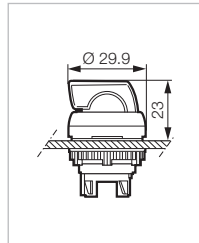
SELECTOR SWITCHES - ILLUMINATED

WITH HANDLE

2 positions



L21KJ30



Maintained positions - 45°

● Red
● Green
● Black



L21KG10
L21KG20
L21KG30

L22KG10
L22KG20
L22KG30

Spring return- 45°

● Red
● Green
● Black



L21KH10
L21KH20
L21KH30

L22KH10
L22KH20
L22KH30

Maintained positions - 45°

● Red
● Green
● Black



L21KJ10
L21KJ20
L21KJ30

L22KJ10
L22KJ20
L22KJ30

Spring return- 45°

● Red
● Green
● Black



L21KK10
L21KK20
L21KK30

L22KK10
L22KK20
L22KK30

Maintained positions - 90°

● Red
● Green
● Black



L21KL10
L21KL20
L21KL30

L22KL10
L22KL20
L22KL30

Maintained positions - 90°

● Red
● Green
● Black



L21KM10
L21KM20
L21KM30

L22KM10
L22KM20
L22KM30

Operator Heads: \varnothing 22MM

▶ SELECTOR SWITCHES - ILLUMINATED

 Technical Info (p.103)

WITH LEVER HANDLE

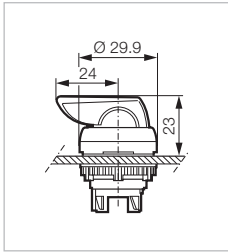
2 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21KV30



Maintained positions - 45°

● Black



L21KV30

L22KV30

Maintained positions - 45°

● Black



L21KX30

L22KX30

Spring return - 45°

● Black



L21KY30

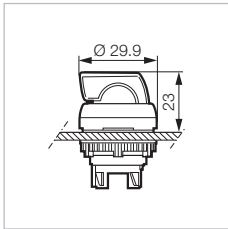
L22KY30

WITH HANDLE

3 positions



L21ME10



Maintained positions - 45°

● Red
● Green
● Black



L21ME10
L21ME20
L21ME30

L22ME10
L22ME20
L22ME30

Spring return from left to 0 - 45°

● Red
● Green
● Black



L21MF10
L21MF20
L21MF30

L22MF10
L22MF20
L22MF30

Spring return from right to 0 - 45°

● Red
● Green
● Black



L21MG10
L21MG20
L21MG30

L22MG10
L22MG20
L22MG30

Spring return to 0 - 45°

● Red
● Green
● Black



L21MH10
L21MH20
L21MH30

L22MH10
L22MH20
L22MH30

Maintained positions - 90°

● Red
● Green
● Black



L21MJ10
L21MJ20
L21MJ30

L22MJ10
L22MJ20
L22MJ30

Operator Heads: \varnothing 22mm

▶ SELECTOR SWITCHES - ILLUMINATED

 Technical Info (p.103)

WITH LEVER HANDLE

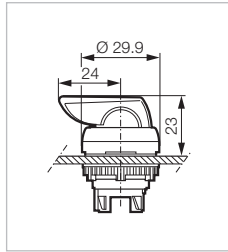
3 positions

Chrome Bezel
Part Number

Black Bezel
Part Number



L21ML30



Maintained positions - 45°

● Black



L21ML30

L22ML30

Spring return from left to 0 - 45°

● Black



L21MM30

L22MM30

Spring return from right to 0 - 45°

● Black



L21MN30

L22MN30

Spring return to 0 - 45°

● Black



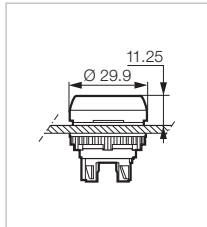
L21MP30

L22MP30

▶ PILOT LIGHTS - HEAD ONLY



L20SE20



For use with a clip and LED block (see p. 58 to 70)

- Red
- Green
- Yellow
- White
- Blue

L20SE10
L20SE20
L20SE40
L20SE50
L20SE60

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red
- Green
- Yellow
- White
- Blue

L20SE31□□□□
L20SE32□□□□
L20SE34□□□□
L20SE35□□□□
L20SE36□□□□

Operator Heads: ϕ 22MM

▶ ONE-PIECE PILOT LIGHTS

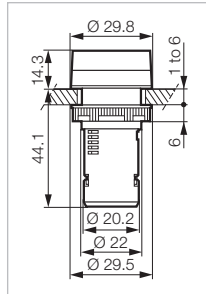
 Technical Info (p.103)

SUPPLIED WITHOUT BULB

Part Number



L20SA40



Ribbed Lens

- Red
- Green
- Clear
- Yellow
- White
- Blue

- L20SA10
- L20SA20
- L20SA30
- L20SA40
- L20SA50
- L20SA60

Smooth Lens

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red
- Green
- Clear
- Yellow
- White
- Blue

- L20SA31□□□□
- L20SA32□□□□
- L20SA33□□□□
- L20SA34□□□□
- L20SA35□□□□
- L20SA36□□□□

▶ LED BULBS

FOR USE WITH ONE-PIECE PILOT LIGHTS

Voltage/Color

Part Number

Voltage/Color

Part Number



LED120R

6 Vac/Dc

- Red
- Green
- Yellow
- White
- Blue

- LED006R
- LED006G
- LED006Y
- LED006W
- LED006B

120 Vac

- Red
- Green
- Yellow
- White
- Blue

- LED120R
- LED120G
- LED120Y
- LED120W
- LED120B

12 Vac/Dc

- Red
- Green
- Yellow
- White
- Blue

- LED012R
- LED012G
- LED012Y
- LED012W
- LED012B

240Vac

- Red
- Green
- Yellow
- White
- Blue

- LED230R
- LED230G
- LED230Y
- LED230W
- LED230B

24 Vac/Dc

- Red
- Green
- Yellow
- White
- Blue

- LED024R
- LED024G
- LED024Y
- LED024W
- LED024B

Block holder clips for assembly as you require

1, 3 or 5-position clips

► CLIP

"A flexible configuration for assembly in any order..."

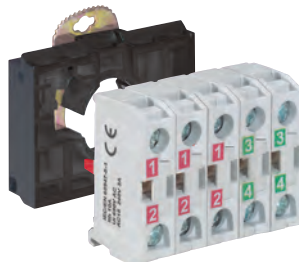
► 1 BLOCK



► 3 BLOCKS



► 5 BLOCKS



► MODULAR

Stacking without accessories

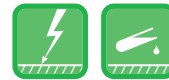


► BLOCK

"Imaginatively designed to be safe, robust and durable"

► MATERIAL

- IP20 as "finger safe"
- Electrical insulation
- Corrosion-resistant



► ENVIRONMENT

- Respect for the environment, RoHS compliant



- Snap fit, tools not required to attach contact blocks
- Cost effective solution: 1 position clip
- Blocks can be stacked on 2 levels, up to 3 blocks wide (blocks cannot be stacked using 5 row clip)
- Blocks can be assembled in any order (except pilot light)
- Optimized dimensions: reduced depth of blocks

- LED blocks: combine long life and economy
- Corrosion resistant to some chemicals and sea air, etc
- Conform to standard EN IEC 60947-5-1
- Conform to RoHS European directive concerning restriction of hazardous substances

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR NON-ILLUMINATED HEADS

 Technical Info (p. 103)

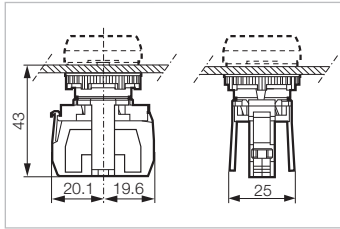
SCREW TERMINALS

1 position clip

Part Number



331E10



331E10

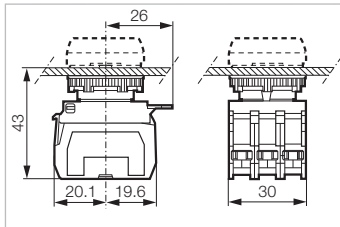
331E01

SCREW TERMINALS

3 position clip



333E21



333E10



333E01



333E20



333E02



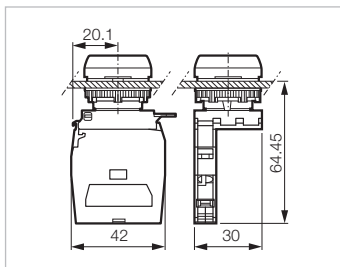
333E11



333E30



333E03



NO/NC



333E21



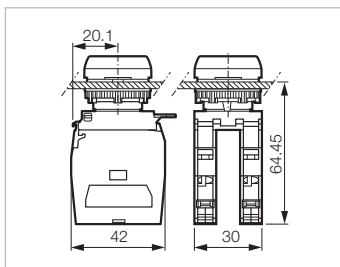
333E12



334E11



334E22



2 NO/NC

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR NON-ILLUMINATED HEADS

 Technical Info (p. 103)

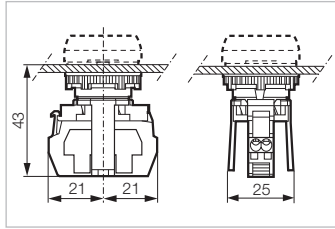
PLUG-IN TERMINALS

1 position clip

Part Number



331ER01



331ER10

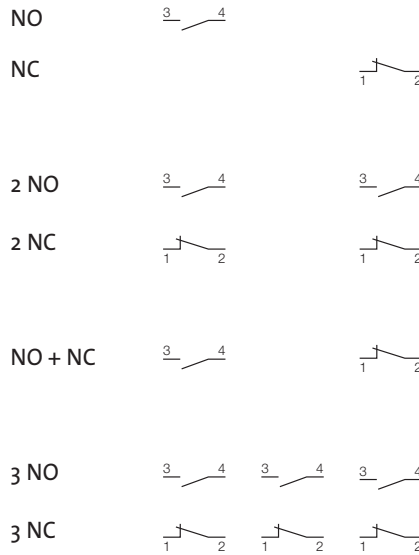
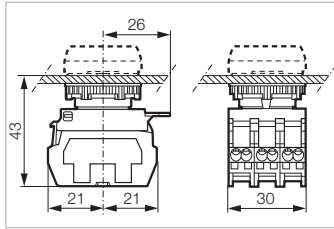
331ER01

PLUG-IN TERMINALS

3 position clip



333ER11



333ER10

333ER01

333ER20

333ER02

333ER11

333ER30

333ER03

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR NON-ILLUMINATED HEADS

 Technical Info (p.103)

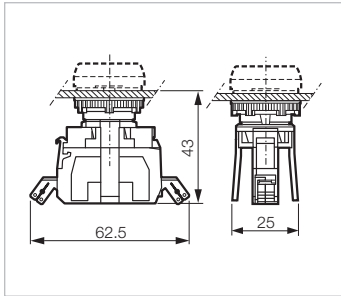
FASTON TERMINALS

1 position clip

Part Number



331ED10



331ED10

331ED01

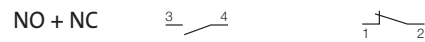
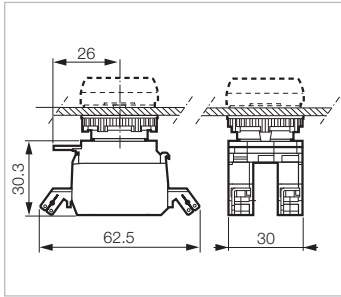
FASTON TERMINALS

3 position clip

333ED11



333ED11



Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS

 Technical Info (p. 103)

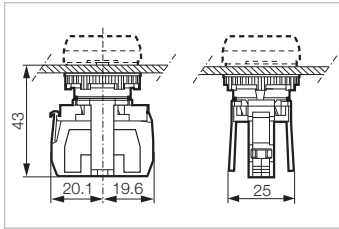
SCREW TERMINALS

1 position clip: LED block

Part Number



331EAGL



12/24 V

- White
- Red
- Green
- Blue
- Yellow

331EAWL
331EARL
331EAGL
331EABL
331EAYL

130 V

- White
- Red
- Green
- Blue
- Yellow

331EAWM
331EARM
331EAGM
331EABM
331EAYM

230 V

- White
- Red
- Green
- Blue
- Yellow

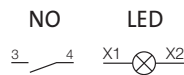
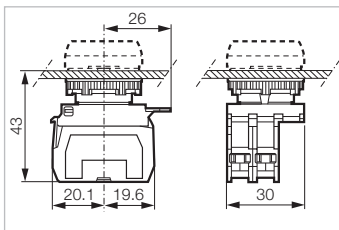
331EAWH
331EARH
331EAGH
331EABH
331EAYH

SCREW TERMINALS

3 position clip: NO + LED block



333EAWM10



12/24 V

- White
- Red
- Green
- Blue
- Yellow

333EAWL10
333EARL10
333EAGL10
333EABL10
333EAYL10

130 V

- White
- Red
- Green
- Blue
- Yellow

333EAWM10
333EARM10
333EAGM10
333EABM10
333EAYM10

230 V

- White
- Red
- Green
- Blue
- Yellow

333EAWH10
333EARH10
333EAGH10
333EABH10
333EAYH10

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS



Technical Info (p. 103)

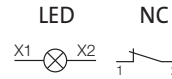
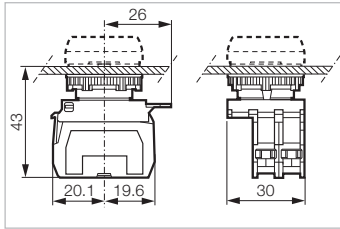
SCREW TERMINALS

3 position clip: LED block + NC

Part Number



333EAWL01



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 333EAWL01
- 333EARL01
- 333EAGL01
- 333EABL01
- 333EAYL01

130 V

- White
- Red
- Green
- Blue
- Yellow

- 333EAWM01
- 333EARM01
- 333EAGM01
- 333EABM01
- 333EAYM01

230 V

- White
- Red
- Green
- Blue
- Yellow

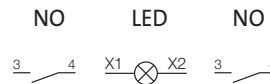
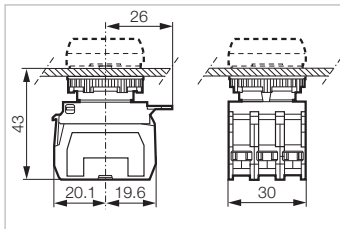
- 333EAWH01
- 333EARH01
- 333EAGH01
- 333EABH01
- 333EAYH01

SCREW TERMINALS

3 position clip: NO + LED block + NO



333EARL20



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 333EAWL20
- 333EARL20
- 333EAGL20
- 333EABL20
- 333EAYL20

130 V

- White
- Red
- Green
- Blue
- Yellow

- 333EAWM20
- 333EARM20
- 333EAGM20
- 333EABM20
- 333EAYM20

230 V

- White
- Red
- Green
- Blue
- Yellow

- 333EAWH20
- 333EARH20
- 333EAGH20
- 333EABH20
- 333EAYH20

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS

 Technical Info (p. 103)

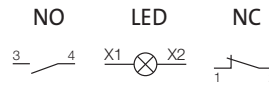
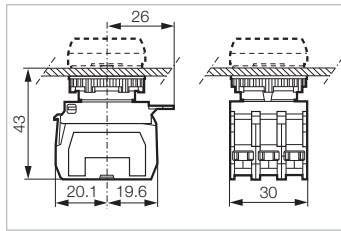
SCREW TERMINALS

3 position clip: NO + LED block + NC

Part Number



333EARL1



12/24 V

- White
- Red
- Green
- Blue
- Yellow

333EAWL11
333EARL11
333EAGL11
333EABL11
333EAYL11

130 V

- White
- Red
- Green
- Blue
- Yellow

333EAWM11
333EARM11
333EAGM11
333EABM11
333EAYM11

230 V

- White
- Red
- Green
- Blue
- Yellow

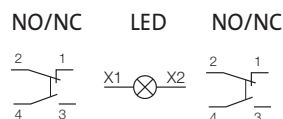
333EAWH11
333EARH11
333EAGH11
333EABH11
333EAYH11

SCREW TERMINALS

3 position clip: NO/NC + LED block + NO/NC



334EARL22



12/24 V

- White
- Red
- Green
- Blue
- Yellow

334EAWL22
334EARL22
334EAGL22
334EABL22
334EAYL22

130 V

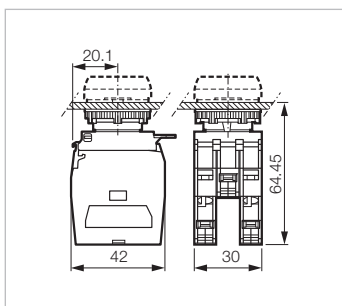
- White
- Red
- Green
- Blue
- Yellow

334EAWM22
334EARM22
334EAGM22
334EABM22
334EAYM22

230 V

- White
- Red
- Green
- Blue
- Yellow

334EAWH22
334EARH22
334EAGH22
334EABH22
334EAYH22



Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS

 Technical Info (p. 103)

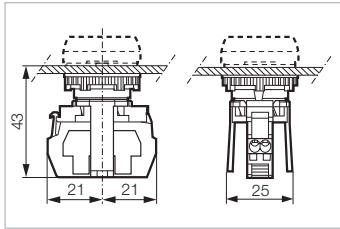
PLUG-IN TERMINALS

1 position clip: LED block

Part Number



331ERAGH



12/24 V

- White
- Red
- Green
- Blue
- Yellow

331ERAWL
331ERARL
331ERAGL
331ERABL
331ERAYL

130 V

- White
- Red
- Green
- Blue
- Yellow

331ERAWM
331ERARM
331ERAGM
331ERABM
331ERAYM

230 V

- White
- Red
- Green
- Blue
- Yellow

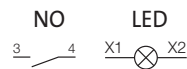
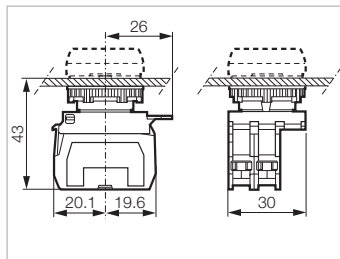
331ERAWH
331ERARH
331ERAGH
331ERABH
331ERAYH

PLUG-IN TERMINALS

3 position clip: NO + LED block



333ERAGL10



12/24 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWL10
333ERARL10
333ERAGL10
333ERABL10
333ERAYL10

130 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWM10
333ERARM10
333ERAGM10
333ERABM10
333ERAYM10

230 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWH10
333ERARH10
333ERAGH10
333ERABH10
333ERAYH10

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS

 Technical Info (p.103)

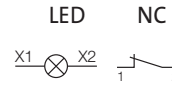
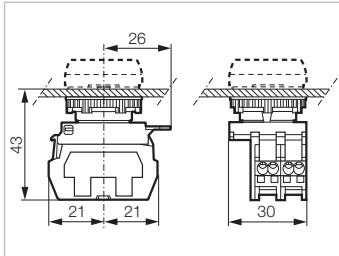
PLUG-IN TERMINALS

3 position clip: LED block + NC

Part Number



333ERAGH01



12/24 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWL01
333ERARL01
333ERAGL01
333ERABL01
333ERAYL01

130 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWM01
333ERARM01
333ERAGM01
333ERABM01
333ERAYM01

230 V

- White
- Red
- Green
- Blue
- Yellow

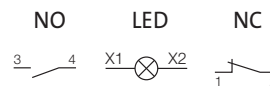
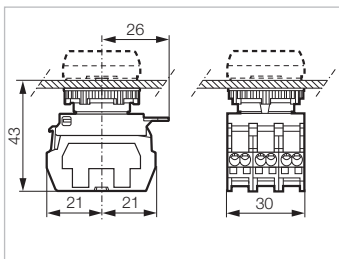
333ERAWH01
333ERARH01
333ERAGH01
333ERABH01
333ERAYH01

PLUG-IN TERMINALS

3 position clip: NO + LED block + NC



333ERAGH11



12/24 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWL11
333ERARL11
333ERAGL11
333ERABL11
333ERAYL11

130 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWM11
333ERARM11
333ERAGM11
333ERABM11
333ERAYM11

230 V

- White
- Red
- Green
- Blue
- Yellow

333ERAWH11
333ERARH11
333ERAGH11
333ERABH11
333ERAYH11

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS

 Technical Info (p. 103)

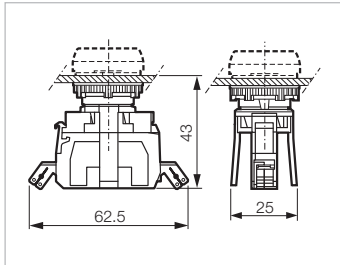
FASTON TERMINALS

1 position clip: LED block

Part Number



331EDARL



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 331EDAWL
- 331EDARL
- 331EDAGL
- 331EDABL
- 331EDAYL

130 V

- White
- Red
- Green
- Blue
- Yellow

- 331EDAWM
- 331EDARM
- 331EDAGM
- 331EDABM
- 331EDAYM

230 V

- White
- Red
- Green
- Blue
- Yellow

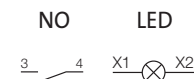
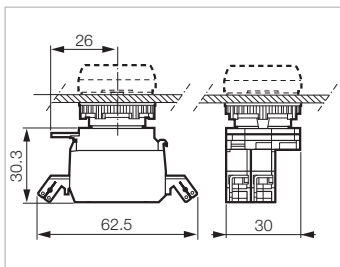
- 331EDAWH
- 331EDARH
- 331EDAGH
- 331EDABH
- 331EDAYH

FASTON TERMINALS

3 position clip: NO + LED block



333EDARL10



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWL10
- 333EDARL10
- 333EDAGL10
- 333EDABL10
- 333EDAYL10

130 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWM10
- 333EDARM10
- 333EDAGM10
- 333EDABM10
- 333EDAYM10

230 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWH10
- 333EDARH10
- 333EDAGH10
- 333EDABH10
- 333EDAYH10

Separate units: Blocks sub-assemblies

▶ CONTACT BLOCKS - FOR ILLUMINATED HEADS

 Technical Info (p.103)

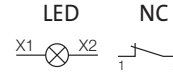
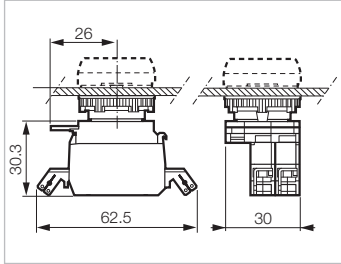
FASTON TERMINALS

3 position clip: LED block + NC

Part Number



333EDARM01



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWL01
- 333EDARL01
- 333EDAGL01
- 333EDABL01
- 333EDAYL01

130 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWM01
- 333EDARM01
- 333EDAGM01
- 333EDABM01
- 333EDAYM01

230 V

- White
- Red
- Green
- Blue
- Yellow

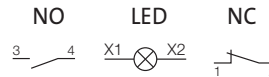
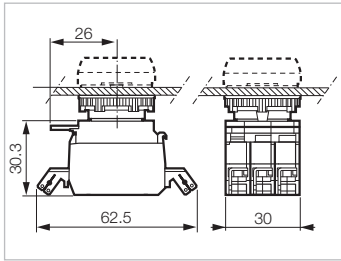
- 333EDAWH01
- 333EDARH01
- 333EDAGH01
- 333EDABH01
- 333EDAYH01

FASTON TERMINALS

3 position clip: NO + LED block + NC



333EDARL11



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWL11
- 333EDARL11
- 333EDAGL11
- 333EDABL11
- 333EDAYL11

130 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWM11
- 333EDARM11
- 333EDAGM11
- 333EDABM11
- 333EDAYM11

230 V

- White
- Red
- Green
- Blue
- Yellow

- 333EDAWH11
- 333EDARH11
- 333EDAGH11
- 333EDABH11
- 333EDAYH11

Separate units: Clips

► CLIPS

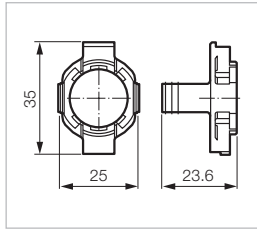
 Technical Info (p. 103)

CLIPS

Part Number



331E



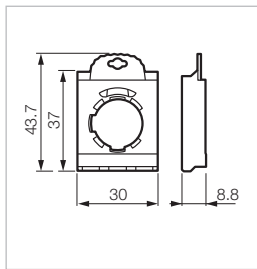
To be combined with blocks (p. 64 to 70)

1 position

331E

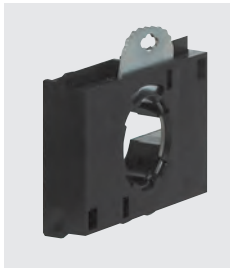


333E

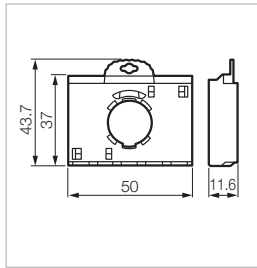


3 positions

333E



335E



5 positions (only for \varnothing 22 heads)

335E

CLIPS - JOYSTICK ONLY



LME3

3 positions (only for Joystick operators)

LME3



LME5

5 positions (only for Joystick operators)

LME5

Separate units: Blocks

▶ CONTACT BLOCKS

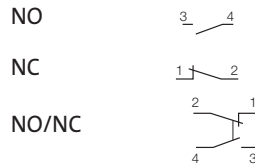
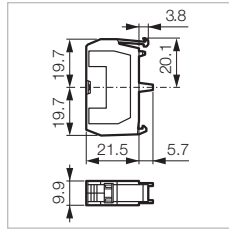
 Technical Info (p. 103)

SCREW TERMINALS

Part Number



33E10



33E10

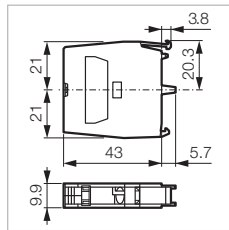
33E01

33E11

Gold plated contacts
for low current applications



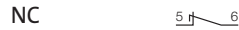
33E11



33E10Y7

33E01Y7

Late Break NC Contact

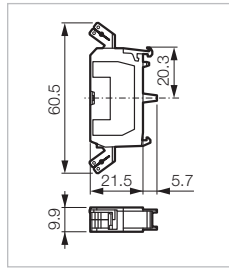


33E01C

FASTON TERMINALS



33D01



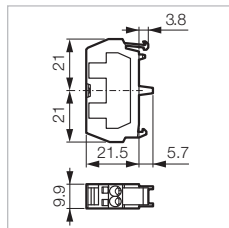
33D10

33D01

PLUG-IN TERMINALS



33R01



33R10

33R01

Separate units: Blocks

▶ CONTACT BLOCKS

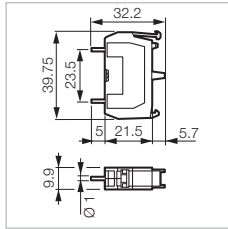
 Technical Info (p. 103)

FOR PCB (PIN-STYLE TERMINALS)

Part Number



33P10



NO 

33P10

NC 

33P01

Gold plated contacts
for low current applications

NO 

33P10Y7

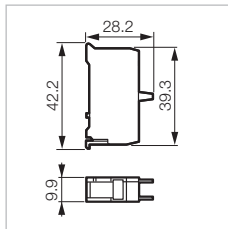
NC 

33P01Y7

FOR CONTROL STATIONS (SCREW TERMINALS)



33S01



For empty LBX control stations (p. 98 to 99)
Base mounted

NO 

33S10

NC 

33S01

Separate units: Blocks

▶ LED BLOCKS

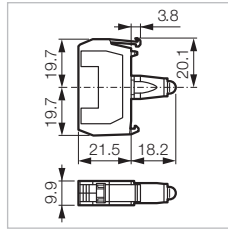
 Technical Info (p. 103)

SCREW TERMINALS

Part Number



33EARL



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 33EAWL**
- 33EARL**
- 33EAGL**
- 33EABL**
- 33EAYL**

48 V

- White
- Red
- Green
- Blue
- Yellow

- 33EAWL4**
- 33EARL4**
- 33EAGL4**
- 33EABL4**
- 33EAYL4**

130 V

- White
- Red
- Green
- Blue
- Yellow

- 33EAWM**
- 33EARM**
- 33EAGM**
- 33EABM**
- 33EAYM**

230 V

- White
- Red
- Green
- Blue
- Yellow

- 33EAWH**
- 33EARH**
- 33EAGH**
- 33EABH**
- 33EAYH**

Separate units: Blocks

▶ LED BLOCKS

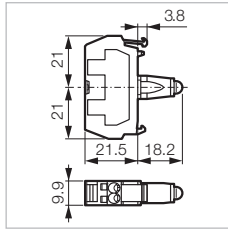
 Technical Info (p.103)

PLUG-IN TERMINALS

Part Number



33RAGH



LED



12/24 V

- White
- Red
- Green
- Blue
- Yellow

33RAWL
33RARL
33RAGL
33RABL
33RAYL

130 V

- White
- Red
- Green
- Blue
- Yellow

33RAWM
33RARM
33RAGM
33RABM
33RAYM

230 V

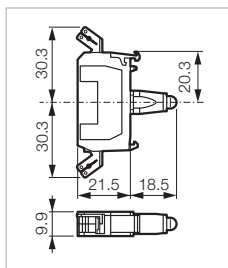
- White
- Red
- Green
- Blue
- Yellow

33RAWH
33RARH
33RAGH
33RABH
33RAYH

FASTON TERMINALS



33DARL



LED



12/24 V

- White
- Red
- Green
- Blue
- Yellow

33DAWL
33DARL
33DAGL
33DABL
33DAYL

130 V

- White
- Red
- Green
- Blue
- Yellow

33DAWM
33DARM
33DAGM
33DABM
33DAYM

230 V

- White
- Red
- Green
- Blue
- Yellow

33DAWH
33DARH
33DAGH
33DABH
33DAYH

Separate units: Blocks

▶ LED BLOCKS

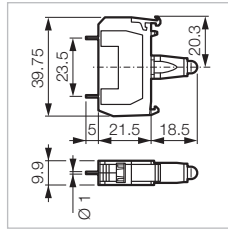
 Technical Info (p. 103)

FOR PCB (PIN STYLE)

Part Number



33PAWL



12/24 V

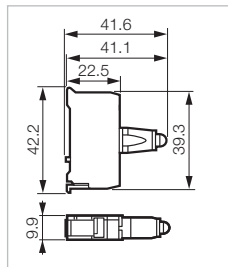
- White
- Red
- Green
- Blue
- Yellow

- 33PAWL
- 33PARL
- 33PAGL
- 33PABL
- 33PAYL

FOR CONTROL STATIONS (SCREW TERMINALS)



33SAGH



For empty LBX control stations (p. 98 to 99)
Base mounted



12/24 V

- White
- Red
- Green
- Blue
- Yellow

- 33SAWL
- 33SARL
- 33SAGL
- 33SABL
- 33SAYL

130 V

- White
- Red
- Green
- Blue
- Yellow

- 33SAWM
- 33SARM
- 33SAGM
- 33SABM
- 33SAYM

230 V

- White
- Red
- Green
- Blue
- Yellow

- 33SAWH
- 33SARH
- 33SAGH
- 33SABH
- 33SAYH

Separate units: Blocks

► SPECIFIC BLOCKS

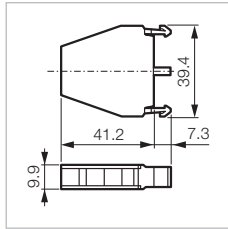
 Technical Info (p.103)

FOR JOYSTICKS (SCREW TERMINALS)

Part Number



LM11



Joysticks (p. 44)

NO/NC

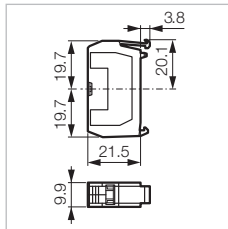


LM11

LAMP-TEST BLOCKS (SCREW TERMINALS)

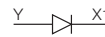


33ET



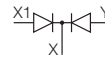
For 24 and 48 V

1 diode



33ET

2 diodes



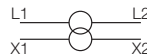
33ETT

TRANSFORMER BLOCKS (SCREW TERMINALS)

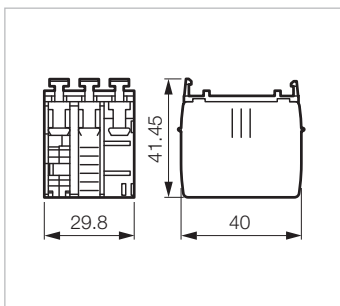


33EHC

230/24 V
400/24V



33EHC
33ELC



Separate units: Blocks

► SPECIFIC BLOCKS

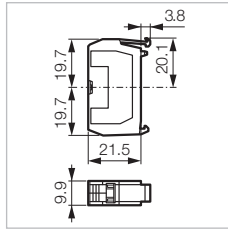
 Technical Info (p. 103)

FILTER BLOCKS (SCREW TERMINALS)

Part Number



33EFH



Prevents from voltage peaks for LED block
To be wired in parallel of the LED block

130 V
230 V

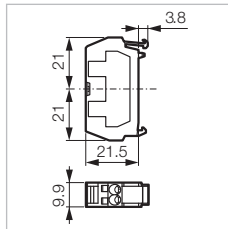


33EFM
33EFH

FILTER BLOCKS (PLUG-IN TERMINALS)



33RFH



Prevents from voltage peaks for LED block
To be wired in parallel with the LED block

130 V
230 V

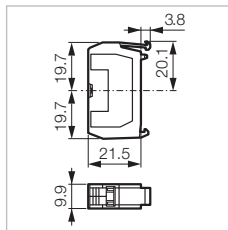


33RFM
33RFH

JUNCTION BLOCK (SCREW TERMINALS)



33EY



2 interconnected
terminals

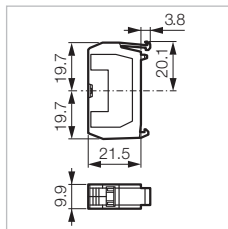


33EY

EMPTY BLOCK



33EX



For empty positions on 3 or 5 position clip

33EX

Accessories: ø 22MM

▶ LEGEND PLATES - EMERGENCY STOP

PLASTIC LEGEND PLATES

Part Number



LWE60300

Plastic - Yellow with black engraving

60mm diameter

Blank
EMERGENCY STOP
EMO
ARRET D'URGENCE
NOT AUS

LWE60
LWE60300
LWE60900
LWE60100
LWE60200

70mm diameter

Blank
EMERGENCY STOP
EMO

LWE70
LWE70300
LWE70900

80mm diameter

Blank
EMERGENCY STOP
EMO

LWE80
LWE80300
LWE90900

NOTES:

- 1) Custom diameters and engravings available please contact us for details.
- 2) Contact us for use with guards on page 86.

METAL LEGEND PLATES



LWE16300

Metal - Yellow with black lettering

60mm diameter

EMERGENCY STOP
ARRET D'URGENCE
NOT AUS

LWE16300
LWE16100
LWE16200

80mm diameter

EMERGENCY STOP
ARRET D'URGENCE
NOT AUS

LWE00300
LWE00100
LWE00200

Accessories: ϕ 22MM

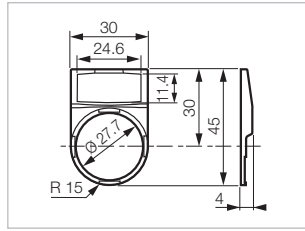
► COMPLETE LEGEND PLATES (FRAME + INSERT)

Standard model - 30 x 45 mm

Part Number



LWP31



Round shape
Black frame and legend plate
2 lines maximum, 13 characters per line

WITHOUT ENGRAVING

- Red
- Black
- White
- Alu

LWP31
LWP33
LWP35
LWP39

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red - white engraving
- Black - white engraving
- White - black engraving
- Alu - black engraving

LWP31□□□□
LWP33□□□□
LWP35□□□□
LWP39□□□□

PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...)

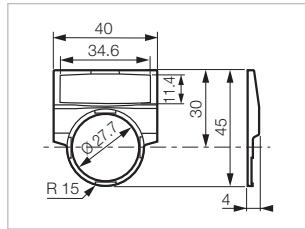
- Transparent

LWP37

Large model - 40 x 45 mm



LWG33



Round shape
Black frame and legend plate
2 lines maximum, 18 characters per line

WITHOUT ENGRAVING

- Red
- Black
- White
- Alu

LWG31
LWG33
LWG35
LWG39

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red - white engraving
- Black - white engraving
- White - black engraving
- Alu - black engraving

LWG31□□□□
LWG33□□□□
LWG35□□□□
LWG39□□□□

PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...)

- Transparent

LWG37

Accessories: ϕ 22MM

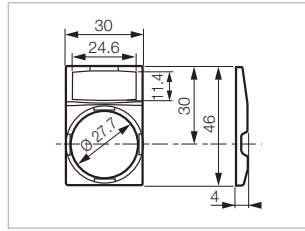
► COMPLETE LEGEND PLATES (FRAME + INSERT)

Standard model - 30 x 46 mm

Part Number



LWP45



Square shape
Black frame and legend plate
2 lines maximum, 13 characters per line

WITHOUT ENGRAVING

- Red
- Black
- White
- Alu

LWP41
LWP43
LWP45
LWP49

WITH TEXT OR SYMBOL (see p. 80 to 83)
Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red - white engraving
- Black - white engraving
- White - black engraving
- Alu - black engraving

LWP41□□□□
LWP43□□□□
LWP45□□□□
LWP49□□□□

PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...)

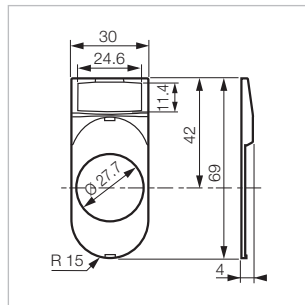
- Transparent

LWP47

Standard model - 30 x 69 mm



LWP29381



60
Round shape for Twin and Triple Touch operators
Black frame and legend plate
2 lines maximum, 13 characters per line

WITHOUT ENGRAVING

- Red
- Black
- White
- Alu

LWP21
LWP23
LWP25
LWP29

WITH TEXT OR SYMBOL (see p. 80 to 83)
Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red - white engraving
- Black - white engraving
- White - black engraving
- Alu - black engraving

LWP21□□□□
LWP23□□□□
LWP25□□□□
LWP29□□□□

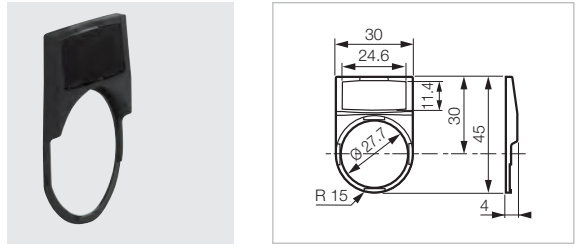
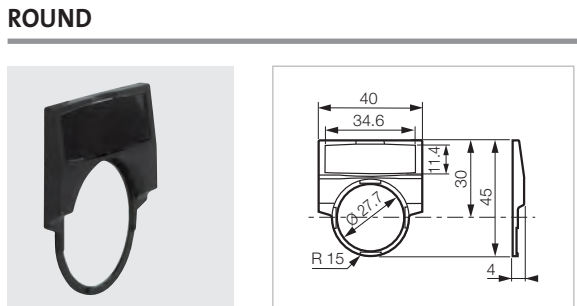
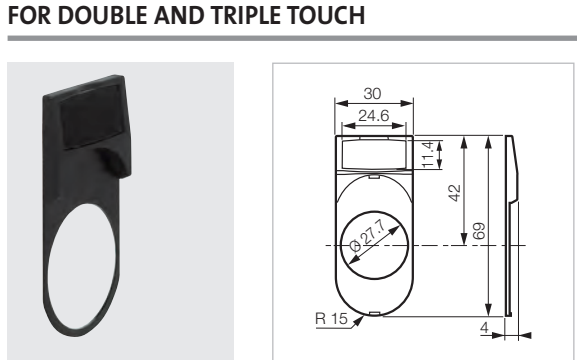
PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...)

- Transparent

LWP27


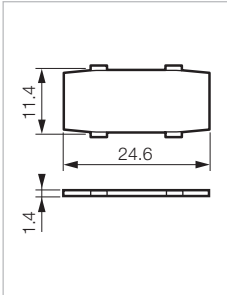

Accessories: ϕ 22MM


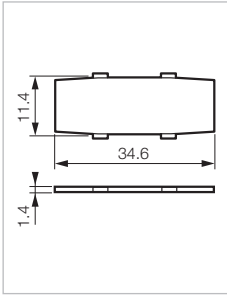

► LEGEND PLATES - FRAMES ONLY

ROUND	Standard model	Part Number
 <p data-bbox="110 646 162 672">LWP3</p>	<p data-bbox="678 426 1166 457">For use with standard model legend plate inserts</p> <ul data-bbox="678 483 760 514" style="list-style-type: none"> ● Black 	<p data-bbox="1356 483 1421 514">LWP3</p>
 <p data-bbox="110 1029 162 1060">LWG3</p>	<p data-bbox="678 714 803 745">Large model</p> <p data-bbox="678 808 1128 840">For use with large model legend plate inserts</p> <ul data-bbox="678 865 760 892" style="list-style-type: none"> ● Black 	<p data-bbox="1356 865 1421 892">LWG3</p>
 <p data-bbox="110 1413 162 1438">LWP4</p>	<p data-bbox="678 1102 841 1134">Standard model</p> <p data-bbox="678 1186 1166 1218">For use with standard model legend plate inserts</p> <ul data-bbox="678 1249 760 1270" style="list-style-type: none"> ● Black 	<p data-bbox="1356 1249 1421 1270">LWP4</p>
 <p data-bbox="110 1848 162 1875">LWP2</p>	<p data-bbox="678 1480 841 1512">Standard model</p> <p data-bbox="678 1564 1166 1596">For use with standard model legend plate inserts</p> <ul data-bbox="678 1627 760 1648" style="list-style-type: none"> ● Black 	<p data-bbox="1356 1627 1421 1648">LWP2</p>

Accessories: ø 22MM

▶ LEGEND PLATES - INSERTS ONLY

TO BE ENGRAVED	Standard model	Part Number
 LIA5		2 lines maximum 13 characters per line For use with standard model legend plate frames
 LIA1		
	WITHOUT ENGRAVING <ul style="list-style-type: none"> ● Red ● Black ○ White ● Alu 	LIA1 LIA3 LIA5 LIA9
	WITH TEXT OR SYMBOL (see p. 80 to 83) Code to be added at the end of the part number. For custom text or symbol please contact us.	
	<ul style="list-style-type: none"> ● Red - white engraving ● Black - white engraving ○ White - black engraving ● Alu - black engraving 	LIA1□□□□ LIA3□□□□ LIA5□□□□ LIA9□□□□
	PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...) <ul style="list-style-type: none"> ○ Transparent 	LIA7

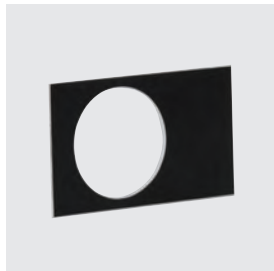
TO BE ENGRAVED	Large model	Part Number
 LIB9		2 lines maximum 18 characters per line For use with large model legend plate frame
 LIB3		
	Without engraving <ul style="list-style-type: none"> ○ White ● Red ● Alu ● Black 	LIB5 LIB1 LIB9 LIB3
	WITH TEXT OR SYMBOL (see p. 80 to 83) Code to be added at the end of the part number. For custom text or symbol please contact us.	
	<ul style="list-style-type: none"> ○ White - black engraving ● Red - white engraving ● Alu - black engraving ● Black - white engraving 	LIB5□□□□ LIB1□□□□ LIB9□□□□ LIB3□□□□
	Protective mask for legend plate (paper or other ...) <ul style="list-style-type: none"> ○ Transparent 	LIB7

Accessories: ϕ 22MM

▶ LEGEND PLATES FOR LBX ENCLOSURES

INDIVIDUAL LEGEND PLATES

Part Number



LWB13

Plastic - Rectangular shape

WITHOUT ENGRAVING

- Red
- Black
- Yellow
- White
- Blue
- Alu

- LWB11
- LWB13
- LWB14
- LWB15
- LWB16
- LWB19



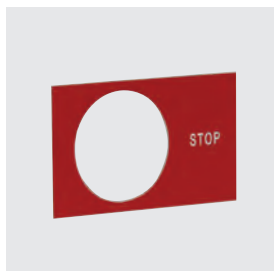
LWB19H301

WITH TEXT (see p. 80 to 83) FOR HORIZONTAL MOUNTING

Code to be added at the end of the part number.
For custom text or symbol please contact us.

- Red - white engraving
- Black - white engraving
- Yellow - black engraving
- White - black engraving
- Blue - white engraving
- Alu - black engraving

- LWBH11[] [] [] []
- LWBH13[] [] [] []
- LWBH14[] [] [] []
- LWBH15[] [] [] []
- LWBH16[] [] [] []
- LWBH19[] [] [] []



LWB11V302

WITH TEXT (see p. 80 to 83) FOR VERTICAL MOUNTING

Code to be added at the end of the part number.
For custom text or symbol please contact us.

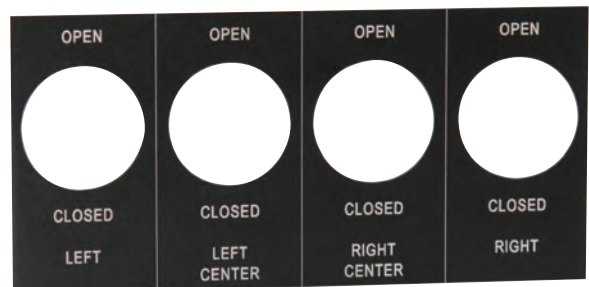
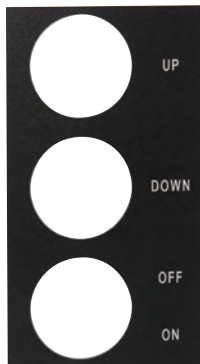
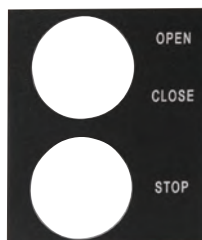
- Red - white engraving
- Black - white engraving
- Yellow - black engraving
- White - black engraving
- Blue - white engraving
- Alu - black engraving

- LWBV11[] [] [] []
- LWBV13[] [] [] []
- LWBV14[] [] [] []
- LWBV15[] [] [] []
- LWBV16[] [] [] []
- LWBV19[] [] [] []

MULTI HOLE LEGEND PLATES

SINGLE PIECE MULTI-HOLE
LEGEND PLATES ARE AVAILABLE

CONTACT US FOR DETAILS.



Accessories: ϕ 22MM

► CUSTOM LEGEND CAPABILITIES

With Multiple Methods We Can Satisfy All Your Custom Legend Needs.

Contact us for more information.

TAMPO PRINTING



LASER ENGRAVING



SILK-SCREENING



Engravings

▶ STANDARD TEXT

UNIVERSAL TEXT		Code		
0-I081		
I-II082		
I-0-I091		
I-II-III092		
0-I-START093		
0-I-II094		
CUSTOM TEXT AVAILABLE UPON REQUEST				
TEXT	Code	Code	Code	Code
AUTO402	EXHAUSTER	.....
AUTO CUT403	FAST	.....
AUTO HAND404	FAST OFF SLOW	.....
AUTO HAND OFF405	FAST SLOW	.....
AUTO MAN401	FASTER	.....
AUTO MAN OFF406	FAULT	.....
AUTO MANUAL407	FEED HOLD	.....
AUTO O HAND408	FEED OFF	.....
AUTO OFF MAN409	FEED ON	.....
AUTO OFF MANUAL410	FEED START	.....
AUTO RETURN411	FEED STOP	.....
BLOWER413	FEEDER OFF	.....
BRAKE414	FEEDER ON	.....
CLAMP415	FOR	.....
CLOSE314	FOR AUTO REV	.....
CLOSE CIRCUIT416	FOR O REV	.....
CLOSE OPEN417	FOR OFF REV	.....
CONTROL OFF418	FOR REV	.....
CONTROL ON419	FOR STOP REV	.....
CYCLE420	FORWARD	.....
CYCLE ON421	FORWARD AUTO REVERSE	.....
CYCLE START422	FORWARD OFF REVERSE	.....
CYCLE STOP423	FORWARD REVERSE	.....
DECREASE424	FORWARD STOP REVERSE	.....
DOWN336	FULL SPEED	.....
DOWN OFF UP425	FWD	.....
DOWN UP426	FWD AUTO REV	.....
DRIVE START427	FWD O REV	.....
DRIVE STOP428	FWD OFF REV	.....
EMERG STOP429	FWD REV	.....
EMERGENCY430	FWD STOP REV	.....
EMERGENCY OFF431	HAND	.....
EMERGENCY STOP300	HAND AUTO	.....
EMERGENCY STOP PULL TO RESET432	HAND I AUTO	.....
EMERGENCY STOP TURN TO RESET433	HAND O AUTO	.....
EMERGENCY STOP TWIST TO RESET434	HAND OFF AUTO	.....
EMO900	HAND ON	.....
ENABLE435	HAND START	.....
ENTER436	HAND STOP	.....
ERROR437	HEAT	.....
			HIGH	.....
			HIGH LOW	.....
			HIGH OFF LOW	.....
			IN	.....
			IN OUT	.....
			INCH	.....
			INCH RETURN	.....
			INCH REV	.....
			INCH REVERSE	.....
			INCH RUN	.....
			INCHING	.....
			INCREASE	.....
			INSPECT	.....
			JOG	.....
			JOG FOR	.....
			JOG FORWARD	.....
			JOG FWD	.....
			JOG OFF RUN	.....
			JOG REV	.....
			JOG REVERSE	.....
			JOG RUN	.....
			JOG SAFE RUN	.....
			JOG STOP RUN	.....
			LAST STOP	.....
			LEFT	.....
			LEFT RIGHT	.....
			LOC REM	.....
			LOCAL OFF REMOTE	.....
			LOCAL REMOTE	.....
			LOW	.....
			LOW HIGH	.....
			LOW OFF HIGH	.....
			LOW OFF RAISE	.....
			LOW SPEED	.....
			LOWER	.....
			LOWER OFF RAISE	.....
			LOWER RAISE	.....
			LUBE CYCLE	.....
			LUBE FAIL	.....









Engravings

▶ STANDARD SYMBOLS ISO/DIN












	Description	Symbol	Code
CUSTOM SYMBOLS AVAILABLE UPON REQUEST	Continuous straight-line movement ISO 1		A01
	Alternating straight-line movement ISO 5		A05
	Continuous rotating movement clockwise ISO 7A - DIN 100		A07
	Continuous rotating mov. anti-clockwise ISO 7B		B07
	Forward ISO 16		A16
	Increase in value ISO 28		A28
	Decrease in value ISO 29		A29
	Adjustable ISO 62		A62
	Clamp, block apply pressure ISO 63A		A63
	Clamp, block apply pressure ISO 63B		B63
	Unclamp, release ISO 64A		A64
	Unclamp, release ISO 64B		B64
	Brake ISO 65		A65
	Release brake ISO 66		A66
	Automatic cycle (or semi-automatic) ISO 67		A67
	Manual control ISO 68		A68
	"ON" close circuit ISO 69		A69
	"STOP" close circuit ISO 70		A70
	ON/OFF close + open circuit ISO 71		A71
	Close circuit manual impulse ISO 72		A72
Clutch ISO 74 - DIN 46		A74	
De-clutch ISO 75 - DIN 45		A75	

Engravings

▶ STANDARD SYMBOLS ISO/DIN

	Description	Symbol	Code
CUSTOM SYMBOLS AVAILABLE UPON REQUEST	Warning "live" (energized) ISO 92 - DIN 131		A92
	Main switch ISO 94		A94
	Lubrication jet ISO 101		C01
	Machine lighting ISO 102 - DIN 139		C02
	Greasing ISO 107 - DIN 175		C07
	Blow ISO 108 - DIN 263		C08
	Suction ISO 109 - DIN 264		C09
	Sound alarm DIN 155		D01

▶ ADDITIONAL STANDARD SYMBOLS

	Description	Symbol	Code
CUSTOM SYMBOLS AVAILABLE UPON REQUEST			A01
			B01
			E01
			F01
			A62
			B62
			E62
			F62
			003
			004
		005	

Accessories: ϕ 22MM

► FLUSH PUSHBUTTON CAPS

NON ILLUMINATED

Part Number



LT05

For use with **L21AA, L22AA, L21CA, and L22CA** operators

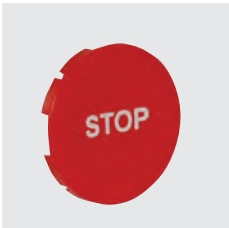
WITHOUT TEXT OR SYMBOL

● Red	LT01
● Green	LT02
● Black	LT03
● Yellow	LT04
○ White	LT05
● Blue	LT06

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.

● Red - white lettering	LT21□□□□
● Green - white lettering	LT22□□□□
● Black - white lettering	LT23□□□□
● Yellow - black lettering	LT24□□□□
○ White - black lettering	LT25□□□□
● Blue - white lettering	LT26□□□□



LT21302

ILLUMINATED



LT20

For use with **L21AH, L22AH, L21CH, and L22CH** operators

WITHOUT TEXT OR SYMBOL

● Red	LT10
● Green	LT20
● Yellow	LT40
○ White	LT50
● Blue	LT60

WITH TEXT OR SYMBOL (see p. 80 to 83)

Code to be added at the end of the part number.
For custom text or symbol please contact us.




● Red - white lettering	LT31□□□□
● Green - white lettering	LT32□□□□
● Yellow - black lettering	LT34□□□□
○ Whiteblack lettering	LT35□□□□
● Blue - white lettering	LT36□□□□



LT34308

Accessories: \varnothing 22MM

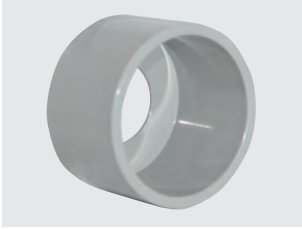
► SHROUDS - REINFORCED DEGREE OF PROTECTION: IP 67

FOR FLUSH PUSH-BUTTONS	Flat Shroud	Part Number
 <p>LWA0252</p>	<input type="radio"/> Transparent	LWA0255
	<input checked="" type="radio"/> Red	LWA0251
	<input checked="" type="radio"/> Green	LWA0252
	<input checked="" type="radio"/> Black	LWA0253
FOR FLUSH OR PROJECTED PUSH-BUTTONS	Domed Shroud	
 <p>LWA0203</p>	<input type="radio"/> Transparent	LWA0228
	<input checked="" type="radio"/> Red	LWA0203
	<input checked="" type="radio"/> Green	LWA0204
	<input checked="" type="radio"/> Black	LWA0205
FOR TWIN TOUCH OR TRIPLE TOUCH OPERATORS		
 <p>LWA0223</p>	For twin touch flush-projecting or triple touch <input type="radio"/> Transparent	LWA0223

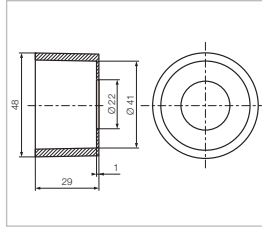
Accessories: ϕ 22MM

► MISCELLANEOUS

GUARD Part Number



LWA0225

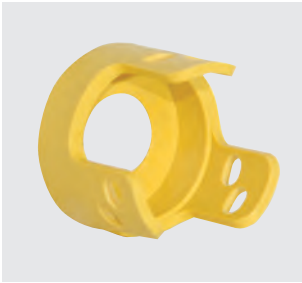


For spring return button and spring return mushroom head (max. ϕ 40)

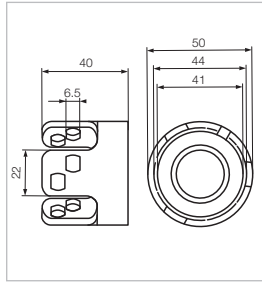
- Grey

LWA0225

PADLOCKABLE GUARD



LWA0240



For maintained mushroom head

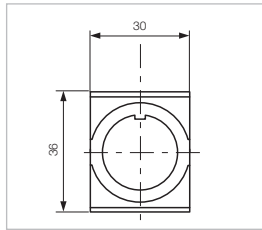
- Yellow

LWA0240

SQUARE FRAME



LWA0230

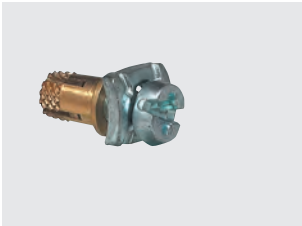


For turning a round shape button or a pilot light into a square shape

- Black

LWA0230

RELAY TERMINAL (GROUND OR NEUTRAL)



LWA0216

For control station
Base mounted

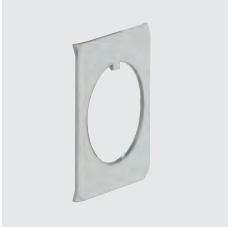
LWA0216

Accessories: ϕ 22mm

► MISCELLANEOUS

ANTI-ROTATION CLAW PLATE

Part Number



LWA0237

Metal claw plate

LWA0237

ANTI-ROTATION RING



LWA209

Plastic anti rotation ring - 22mm

LWA0209

BLANKING PLUG



LWA0229

- Black
- Grey

LWA0229
LWA0215

SCREWDRIVER - FOR PLUG IN TERMINAL BLOCKS



45040

2.5mm (.098") flat head screwdriver
for use with plug in terminal blocks

45040

► MISCELLANEOUS

FIXING TOOL

Part Number



LWA0234

Fixing tool for locking ring - 22mm only

LWA0234

Fixing tool for locking ring - 22mm & 30mm

WA0210

REDUCTION RING Ø 30/22



LWA0219

Converts Ø 30 mm panel cut-out to 22 mm hole

- Grey
- Yellow

LWA0219
LWA0220

PUSH BUTTON SUPPORT CLIP-ON TO DIN RAIL



LWA0238

For pilot lights, spring return buttons and selector switches

LWA0238

PADLOCKABLE SHROUD



LWA0226

For flush or projected push-buttons only

LWA0226

► MISCELLANEOUS

REPLACEMENT KEYS

Part Number



455 / 1424A

Replacement keys (set of 2) - key profile 455

455

Replacement keys (set of 2) - key profile 1424A

1424A

LOCKING NUT

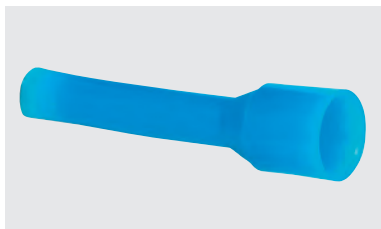


04006305

Plastic locking nut for 22mm operators

04006305

BULB EXTRACTOR



LWA0201

For BAgS bulbs

LWA0201

CABLE GLANDS



M20-BK



PG16-GY

	Size	Cable Thickness	
● Black	M20	6mm - 12mm	M20-BK
● Grey	PG11	3mm - 7mm	PG11-GY
● Grey	PG13.5	6mm - 12mm	PG13-GY
● Grey	PG16	10mm - 14mm	PG16-GY
● Grey	PG21	13mm - 18mm	PG21-GY
● Grey	PG29	18mm - 25mm	PG29-GY

Din-Rail Assemblies ø 22

▶ NON ILLUMINATED



 Technical Info (p. 103)

SPRING RETURN - FLUSH

Part Number



LWA0238-101

● Green	NO	
● Red	NC	

Marking

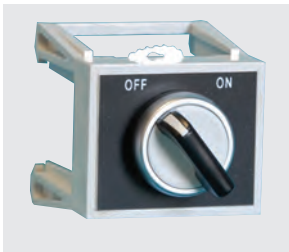
START

LWA0238-101


STOP

LWA0238-104

SELECTOR SWITCH - WITH HANDLE



LWA0238-401

● Black	NO	
---------	----	---

Marking

OFF ON

LWA0238-401

SELECTOR SWITCH - WITH KEY



LWA0238-402

● Black	NO	
---------	----	---

Marking

OFF ON

LWA0238-402

MUSHROOM HEAD ø 40 - MAINTAINED

Push-turn to reset



LWA0238-301

● Red	NC	
-------	----	---

Marking

EMERGENCY STOP

LWA0238-301

Control Stations

solutions....



Control stations with mushroom heads
pre-assembled



Standard Control stations with buttons
1, 2 or 3 buttons



Empty Enclosures
1, 2, 3, 4 or 5 holes



Custom Pre-Assembled Enclosures
1, 2, 3, 4 or 5 holes

► ADVANTAGES

"All types of control station applications can be achieved"

- Multipurpose, pre-equipped with pushbuttons, emergency stops, selector switches, key switches, etc.
- Enclosures for custom assembly 1,2,3,4 or 5 holes
- Up to 3 blocks per position
- Innovative design

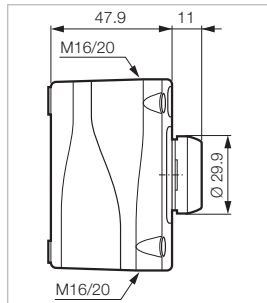
Control Stations \varnothing 22



▶ CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p. 103)

SPRING RETURN - FLUSH

Part Number



- Green NO 
- Red NC 

Marking

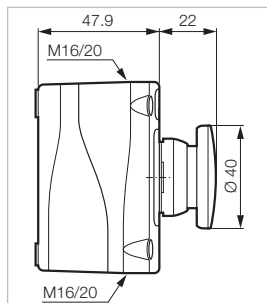
- ⓘ
- ⊙




LBX10110

LBX10610

LBX10110

MUSHROOM HEAD \varnothing 40 - SPRING RETURN



- Green NO 
- Red NC 
- Red NO 

Marking

- ⓘ
- ⊙
- ⊙

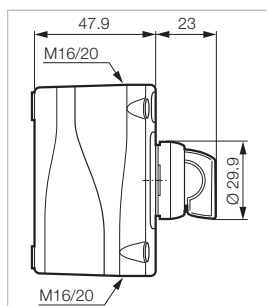
LBX107210

LBX10210


LBX130028

LBX10210

SELECTOR SWITCH - WITH HANDLE



2 Maintained positions - 90°

- Black NO 

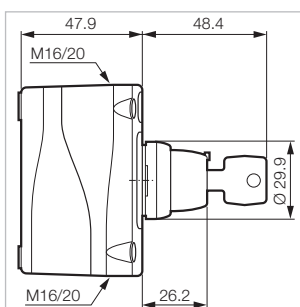
Marking

- ⓘ

LBX12510


LBX12510

SELECTOR SWITCH - WITH KEY



Supplied with 2 keys profile n° 455

2 Maintained positions - 90°
Key free in position 0-1

- Black NO 

Marking

- ⓘ

LBX12610

LBX12610

Control Stations \varnothing 22

► CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p.103)

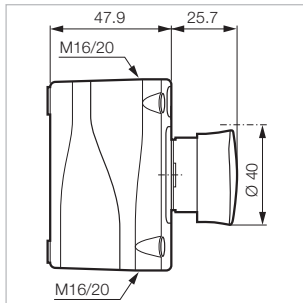
MUSHROOM HEAD \varnothing 40 - MAINTAINED





Push-turn to reset

Part Number






LBX10510



● Red	NC		EMERGENCY STOP	LBX10510
● Red	NC + NO		EMERGENCY STOP	LBX130006
● Red	2 NC		EMERGENCY STOP	LBX130005
● Red	NO		EMERGENCY STOP	LBX130007

WITH STOP STOP STOP TEXT ON BUTTON HEAD

● Red	NC		EMERGENCY STOP	LBX10510S
● Red	NC + NO		EMERGENCY STOP	LBX130010
● Red	2 NC		EMERGENCY STOP	LBX130009

For contact blocks attached to operator please contact us.



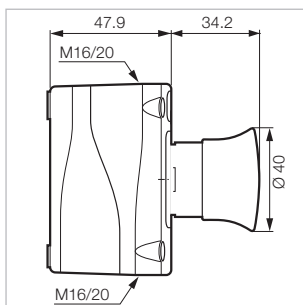
LBX130009




MUSHROOM HEAD \varnothing 40 - MAINTAINED

Push-pull to reset






LBX101910



● Red	NC		EMERGENCY STOP	LBX101910
● Red	NC + NO		EMERGENCY STOP	LBX130004
● Red	2 NC		EMERGENCY STOP	LBX130003

WITH STOP STOP STOP TEXT ON BUTTON HEAD

● Red	NC		EMERGENCY STOP	LBX101910S
● Red	NC + NO		EMERGENCY STOP	LBX130074
● Red	2 NC		EMERGENCY STOP	LBX130075

For contact blocks attached to operator please contact us.



LBX101910S

Control Stations ϕ 22

▶ CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p. 103)

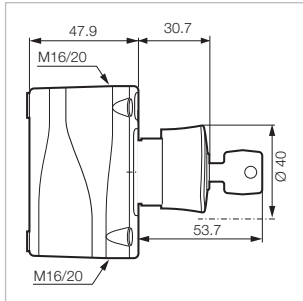
MUSHROOM HEAD ϕ 40 - MAINTAINED

Key to reset




Part Number



LBX11210



Supplied with 2 keys profile n° 455

● Red	NC		EMERGENCY STOP	LBX11210
● Red	NC + NO		EMERGENCY STOP	LBX130071
● Red	2 NC		EMERGENCY STOP	LBX130072

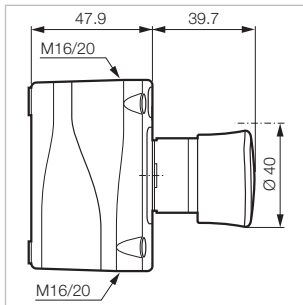
For contact blocks attached to operator please contact us.

MUSHROOM HEAD ϕ 40 EN 418 / ISO 13850




Push-turn to reset






LBX17301



Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red	NC		EMERGENCY STOP	LBX17301
● Red	NC + NO		EMERGENCY STOP	LBX17311
● Red	2 NC		EMERGENCY STOP	LBX17302

WITH EN13850 SYMBOL ON BUTTON HEAD

● Red	NC		EMERGENCY STOP	LBX130065
● Red	NC + NO		EMERGENCY STOP	LBX130057
● Red	2 NC		EMERGENCY STOP	LBX13066

WITH EMO TEXT ON BUTTON HEAD (WITHOUT EMERGENCY STOP ON ENCLOSURE)

● Red	NC		LBX130067
● Red	NC + NO		LBX130068
● Red	2 NC		LBX130069

For contact blocks attached to operator please contact us.



LBX130057



LBX130069

Control Stations Ø 22

▶ CONTROL STATIONS - NON-ILLUMINATED

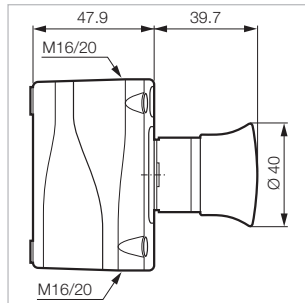
 Technical Info (p. 103)

MUSHROOM HEAD Ø 40 EN 418 / ISO 13850




Push-pull to reset



LBX15101



Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

● Red	NC		EMERGENCY STOP	LBX15301
● Red	NC + NO		EMERGENCY STOP	LBX15311
● Red	2 NC		EMERGENCY STOP	LBX15302

For contact blocks attached to operator please contact us.

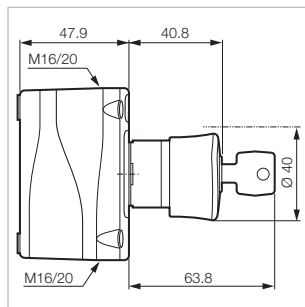
MUSHROOM HEAD Ø 40 EN 418 / ISO 13850

Key to reset

Part Number






LBX11302



Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

Supplied with 2 keys profile n° 455

● Red	NC		EMERGENCY STOP	LBX11301
● Red	NC + NO		EMERGENCY STOP	LBX11311
● Red	2 NC		EMERGENCY STOP	LBX11302

For contact blocks attached to operator please contact us.

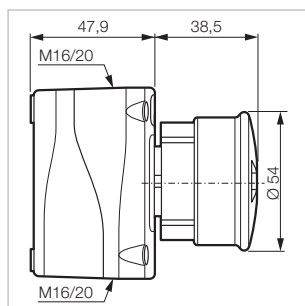
MUSHROOM HEAD Ø 54 EN 418 / ISO 13850

Push-pull to reset with flag indicator

Part Number















LBX14201



Compliant with the requirements of emergency stop:
EN 418 / ISO 13850

Double position indicator: head and collar

● Red	NC			LBX14101
● Red	NC + NO			LBX14111
● Red	2 NC			LBX14102

● Red	NC		STOP - 	LBX14201
● Red	NC + NO		STOP - 	LBX14211
● Red	2 NC		STOP - 	LBX14202

For contact blocks attached to operator please contact us.

Control Stations \varnothing 22

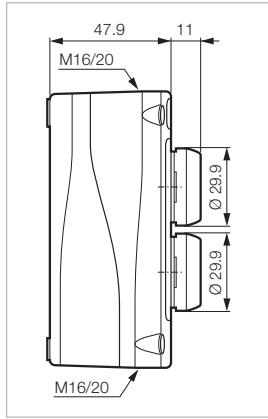
▶ CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p. 103)

SPRING RETURN - FLUSH



LBX20120



- Green
- Red

- NO
- NC



Marking

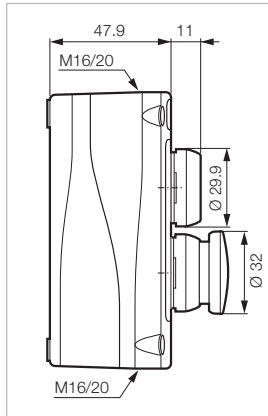


LBX20120

SPRING RETURN - FLUSH/MUSHROOM



LBX210660



- Green
- Red

- NO
- NC



Marking

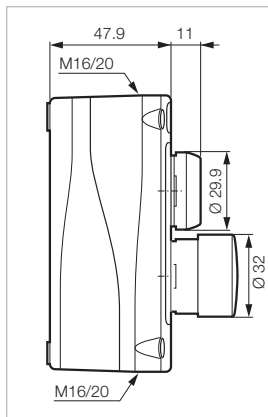


LBX210660

SPRING RETURN/MAINTAINED - FLUSH/MUSHROOM (PUSH-TURN)



LBX210770



- Green
- Red

- NO
- NC



Marking



LBX210770

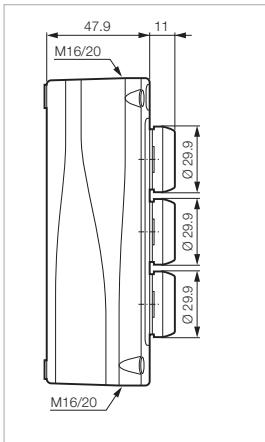
Control Stations \varnothing 22

▶ CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p. 103)



SPRING RETURN - FLUSH

Part Number



● Red
● Green
● Red

24VAC/DC Pilot Light

NO 
 NC 



Marking



LBX30008

● Red
● Green
● Red

130VAC/DC Pilot Light

NO 
 NC 

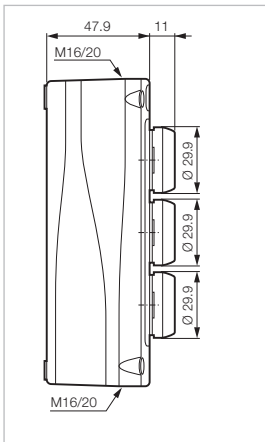
Marking






LBX323870

LBX323870

SPRING RETURN - FLUSH



● Green
● Red
● Green

NO 
 NC 
 NO 

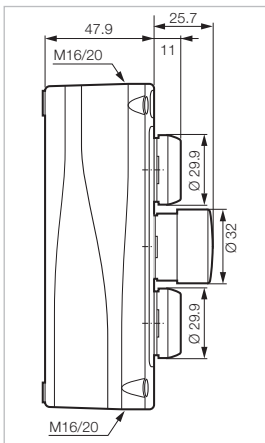
Marking






LBX30430

LBX30430

SPRING RETURN /MAINTAINED - FLUSH/MUSHROOM (PUSH-TURN)



● Green
● Red
● Green

NO 
 NC 
 NO 

Marking



LBX308830

LBX308830

Control Stations Ø 22

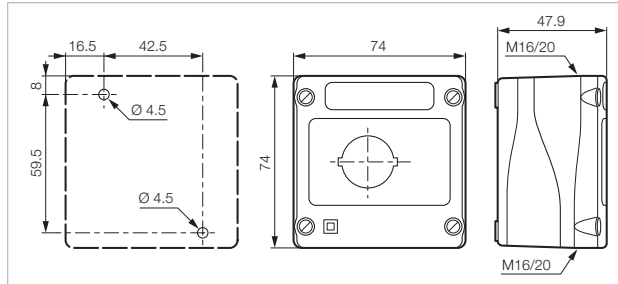
▶ EMPTY ENCLOSURES

 Technical Info (p. 103)

1 HOLE Part Number



LBX0100J



Black base

- Grey cover
- Yellow cover
- Yellow cover*
- Black cover

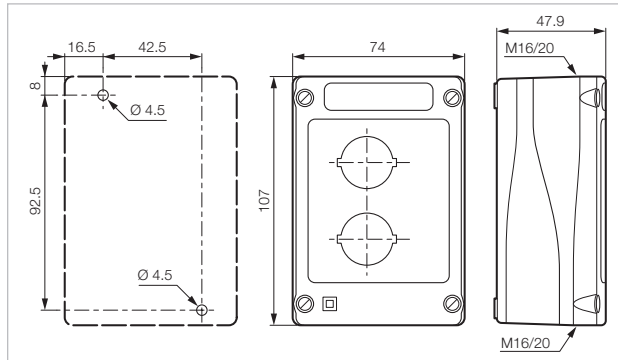
LBX0100
LBX0100J
LBX0100JB
LBX0100NR

* WITH 'EMERGENCY STOP' TEXT

2 HOLES



LBX0200



Black base

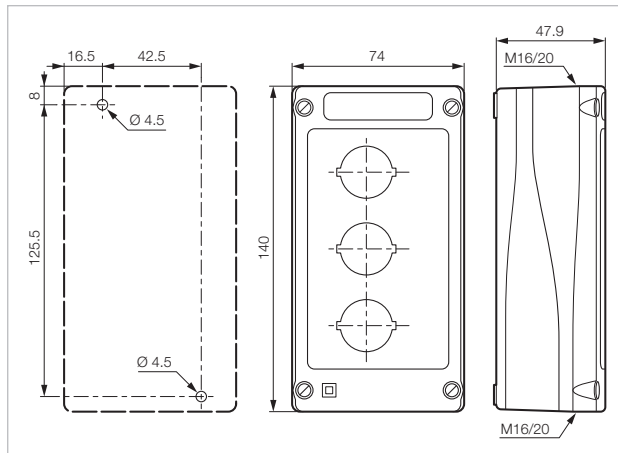
- Grey cover
- Yellow cover

LBX0200
LBX0200J

3 HOLES



LBX0300



Black base

- Grey cover

LBX0300

Control Stations \varnothing 22

▶ EMPTY ENCLOSURES

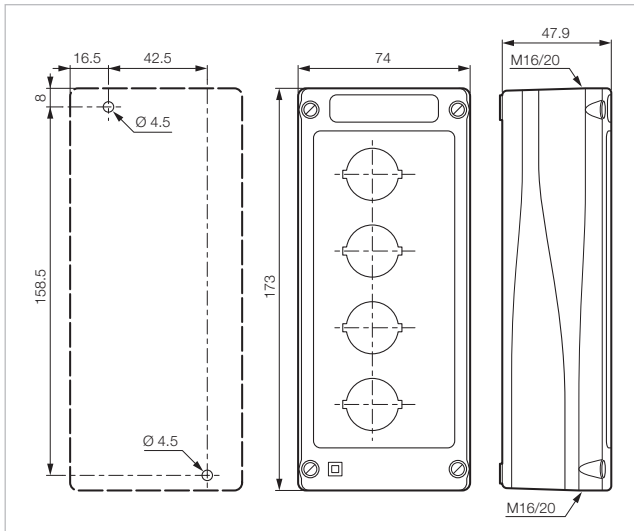
 Technical Info (p. 103)

4 HOLES

Part Number



LBX0400



Black base

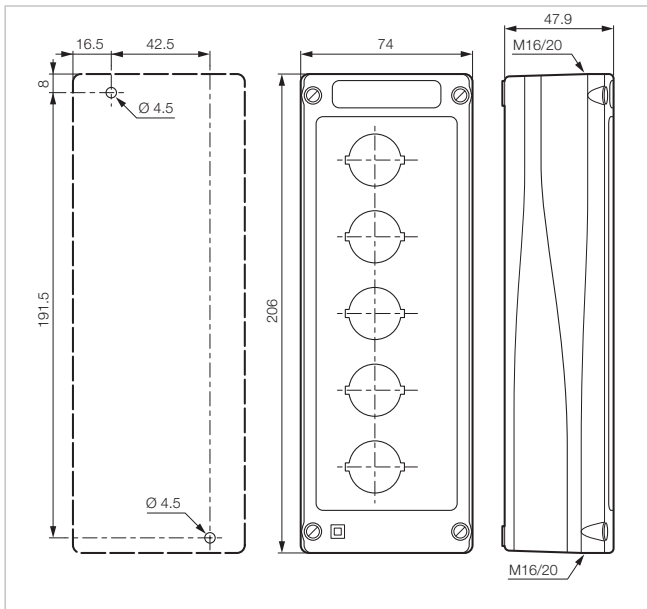
● Grey cover

LBX0400

5 HOLES



LBX0500



Black base

● Grey cover

LBX0500

CABLE GLAND FOR LBX ENCLOSURES

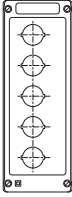


M20-BK

	Size	Cable Thickness	
● Black	M20	6mm - 12mm	M20-BK

► SPECIAL REQUEST FORM

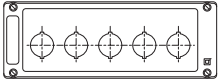
MOUNTING NUMBER OF HOLES



Vertical

circle number of holes

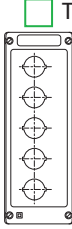
1 2 3 4 5



Horizontal

CABLE GLAND

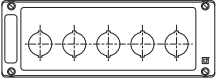
Top



Vertical

Bottom

Horizontal



Left Right

COMMENTS

DUTY LABEL MARKING

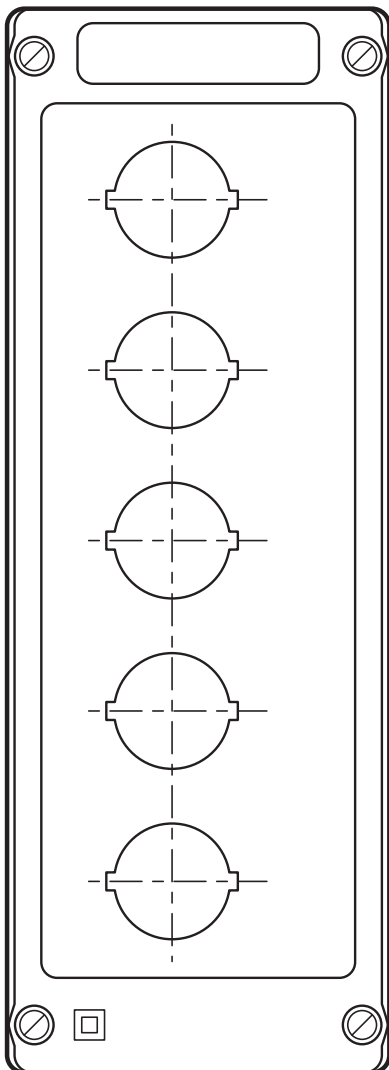
(contact us for details)

BLOCKS

SWITCHES

LEGEND PLATES

ENCLOSURE MARKING



Enter contact block part number in each mounting position. LED modules must be in position 3.

Enter switch part number for each position. For text or symbol on the switch head enter text or symbol code.

Enter legend plate part number for each position. See page 101 for available legend plates. For text or symbol on the legend plate enter text or symbol code.

For silk-screened text or symbol directly on the enclosure enter text or symbol code.

2
3
1

Switch Part Number:
Text or Symbol code:

Legend Plate Part number:
Text or Symbol code:

Text or Symbol code:

2
3
1

Switch Part Number:
Text or Symbol code:

Legend Plate Part number:
Text or Symbol code:

Text or Symbol code:

2
3
1

Switch Part Number:
Text or Symbol code:

Legend Plate Part number:
Text or Symbol code:

Text or Symbol code:

2
3
1

Switch Part Number:
Text or Symbol code:

Legend Plate Part number:
Text or Symbol code:

Text or Symbol code:

2
3
1

Switch Part Number:
Text or Symbol code:

Legend Plate Part number:
Text or Symbol code:

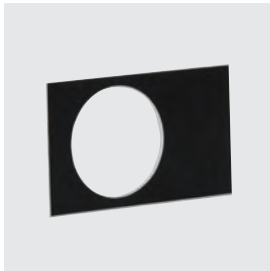
Text or Symbol code:

See pages 80 to 83 for available text and symbol options. For custom text or symbols please contact us.

▶ LEGEND PLATES FOR LBX ENCLOSURES

INDIVIDUAL LEGEND PLATES

Part Number



LWB13

Plastic - Rectangular shape

WITHOUT ENGRAVING

- Red
- Black
- Yellow
- White
- Blue
- Alu

- LWB11
- LWB13
- LWB14
- LWB15
- LWB16
- LWB19



LWB19H301

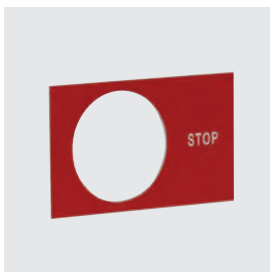
WITH TEXT (see p. 80 to 83) FOR HORIZONTAL MOUNTING

Code to be added at the end of the part number.

For custom text or symbol please contact us.

- Red - white engraving
- Black - white engraving
- Yellow - black engraving
- White - black engraving
- Blue - white engraving
- Alu - black engraving

- LWBH11() () ()
- LWBH13() () ()
- LWBH14() () ()
- LWBH15() () ()
- LWBH16() () ()
- LWBH19() () ()



LWB11V302

WITH TEXT (see p. 80 to 83) FOR VERTICAL MOUNTING

Code to be added at the end of the part number.

For custom text or symbol please contact us.

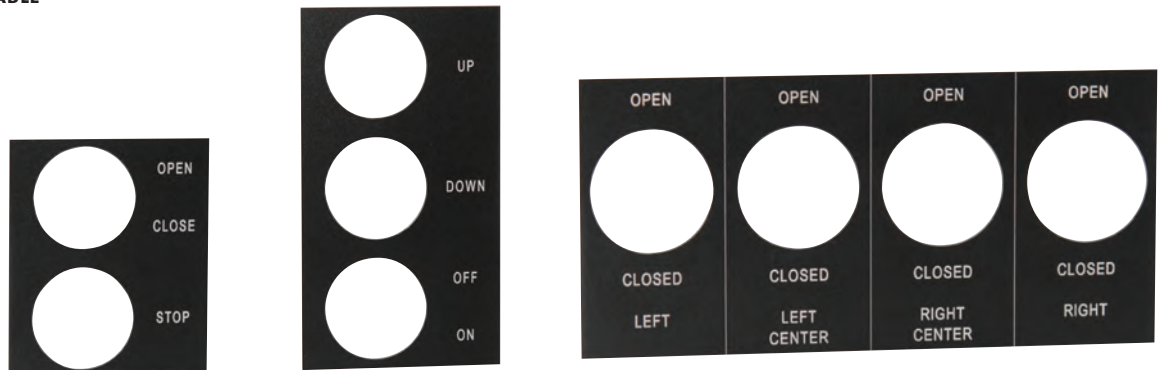
- Red - white engraving
- Black - white engraving
- Yellow - black engraving
- White - black engraving
- Blue - white engraving
- Alu - black engraving

- LWBV11() () ()
- LWBV13() () ()
- LWBV14() () ()
- LWBV15() () ()
- LWBV16() () ()
- LWBV19() () ()

MULTI HOLE LEGEND PLATES

SINGLE PIECE MULTI-HOLE
LEGEND PLATES ARE AVAILABLE

CONTACT US FOR DETAILS.

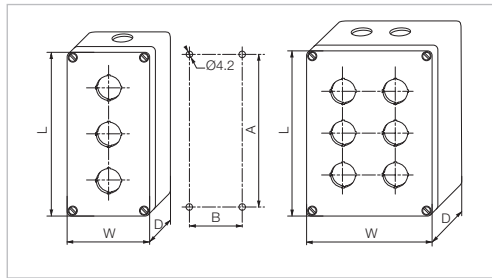


Control Stations ϕ 22

► PRE-DRILLED POLYCARBONATE ENCLOSURES



BPA202



Number of Holes	Cable Gland Hole Entries	Dimensions (mm)					Part Number
		L	W	D	A	B	
1	1 x PG13-GY	82	80	55	70	50	BPA201
2	1 x PG13-GY	120	80	55	108	50	BPA202
3	1 x PG13-GY	160	80	55	148	50	BPA203
1	1 x PG13-GY	82	80	85	70	50	BPP201
2	1 x PG13-GY	120	80	85	108	50	BPP202
3	1 x PG13-GY	160	80	85	148	50	BPP203
4	2 x PG16-GY	122	120	85	110	90	BPP204
6	2 x PG16-GY	200	120	75	188	90	BPA206
8	2 x PG16-GY	200	120	75	188	90	BPA208
10	2 x PG16-GY	240	120	100	288	90	BPP210

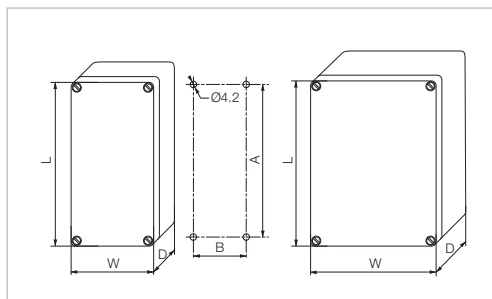
► EMPTY POLYCARBONATE ENCLOSURES



BNT208



BNT251



L	W	D	Dimensions (mm)		Part Number
			A	B	
65	50	35	53	38	BNT206
82	80	55	70	50	BNT210
82	80	85	70	50	BNT225
120	80	55	108	50	BNT215
120	80	85	108	50	BNT226
122	120	55	110	90	BNT217
122	120	85	110	90	BNT227
160	80	55	148	50	BNT220
160	80	85	148	50	BNT231
200	120	75	188	90	BNT237
200	150	75	188	119	BNT223
240	120	100	228	90	BNT242
240	160	120	228	130	BNT243
250	160	90	238	130	BNT240

CABLE GLANDS



PG16-GY

Size	Cable Thickness	
● Grey PG11	3mm - 7mm	PG11-GY
● Grey PG13.5	6mm - 12mm	PG13-GY
● Grey PG16	10mm - 14mm	PG16-GY
● Grey PG21	13mm - 18mm	PG21-GY
● Grey PG29	18mm - 25mm	PG29-GY

Technical Specifications

► GENERAL

Characteristics	Data	Standards
► Storage temperature	- 40 °C to + 70 °C	
► Operating temperature	- 25 °C to + 70 °C	
► Climatic resistance	Constant humid heat Cyclic damp heat Resistance to sea air	IEC 60068-2-3 IEC 60068-2-30 IEC 60068-2-52
► Degree of protection	IP 66 for standard heads IP 67 for shrouded heads IP 66 for equipped control stations IP 20 at the rear of the panel for contact blocks and one piece pilot lights Type 1, 2, 3, 3R, 3S, 4, 4X, 12, and 13 for heads and control stations	IEC 60529 NEMA standard
► Protection against mechanical impacts	IK 05 illuminated and non-illuminated heads IK 07 empty control station	IEC 62262
► Electrical insulation	Class II - heads and control station	IEC 60947-5-1
► Terminal marking		IEC 60947-1
► Tightening torques	Locking ring: recommended 3 N.m terminals: max. 1.2 N.m	
► Approvals	UL United states and Canada BV Bureau Véritas Certification OC/CB	UL 508, CSA 22.2 Marine rules IEC 60947-5-1 IEC 60947-5-5 IEC 60947-5-4
► Vibrations	withstand vibration Fc test: 2 to 25 Hz, 1.6 mm; 25-100 Hz, 4 g	IEC 60068-2-6

Technical Specifications

▶ HEADS

Characteristics	Data	Standards
▶ Mechanical endurance	Spring return: 5,000,000 Push-push: 500,000 Selector switches: 300,000 Mushroom head maintained function EN 418: 10,000 Mushroom head maintained function: 150,000	
▶ Activation force in N	Spring return + NO: 6.5 Spring return + NC: 4.5 Additional NO contact: 4.5 Additional NC contact: 3.0 Push-pull mushroom head + NO + NC: 27 Push-turn mushroom head + NO + NC: 22 Push-pull mushroom head EN 418 + NO + NC: 37 Push-turn mushroom head EN 418 + NO + NC: 60	
▶ Activation force in Nm	Selector switch + NO: 0.04 Additional NO contact: 0.03	

▶ EMERGENCY STOP ACTUATORS - EN 418/ISO 13850:

According to IEC/EN60947-5-5, the emergency stop function can be provided by an EN418/ISO13850 mushroom head combined with a "positive opening" NC contact block.

The mechanism of our EN418/ISO13850 mushroom heads is so designed that a "push" action of sufficient force to open the contact systematically triggers an irreversible locking of this opening. This generates an "emergency stop" signal which can be cancelled only by deliberate manual resetting of the mushroom head (pull and turn or unlocking by key).

This function allows to generate an "emergency stop" signal for any equipment subject to directive 98/37CE (machinery safety) completed by the IEC 60204-1 standard.

The EN418/ISO13850 mushroom heads also comply with the safety requirements detailed in standards EN418 and ISO13850.

Technical Specifications

▶ CONTACT BLOCKS

Screw and plug-in connection characteristics	Data	Standards																																						
▶ Rated insulation voltage	690 V AC 600 V AC	IEC/EN 60947-1 UL 508																																						
▶ NC contacts	Positive opening	IEC/EN 60947-5-1																																						
▶ Rated impulse voltage U _{imp} Pollution degree	6kV 3																																							
▶ Conventional thermal current in free air conditions	AC15: 10 A DC13: 2.5 A	IEC 60947-5-1																																						
▶ Electrical ratings	<p>Alternating current AC15 - A 600 U_e = 120 V, I_e = 6 A U_e = 240 V, I_e = 3 A U_e = 380 V, I_e = 1.9 A U_e = 480 V, I_e = 1.5 A U_e = 500 V, I_e = 1.4 A U_e = 600 V, I_e = 1.2 A</p> <p>Minimum operating current - standard blocks U_e = 24 V DC and I_e = 5 mA Failure rate < 10⁻⁸</p> <p>UL508 Alternating Current 50/60Hz - A600 Continuous Current - 10 amps Rated Voltage - 600Vac</p> <table border="1"> <thead> <tr> <th rowspan="2">Voltage</th> <th colspan="2">Max. Amps</th> </tr> <tr> <th>Make</th> <th>Break</th> </tr> </thead> <tbody> <tr> <td>72</td> <td>60</td> <td>10</td> </tr> <tr> <td>120</td> <td>60</td> <td>6.0</td> </tr> <tr> <td>240</td> <td>30</td> <td>3.0</td> </tr> <tr> <td>480</td> <td>15</td> <td>1.5</td> </tr> <tr> <td>600</td> <td>12</td> <td>1.2</td> </tr> </tbody> </table>	Voltage	Max. Amps		Make	Break	72	60	10	120	60	6.0	240	30	3.0	480	15	1.5	600	12	1.2	<p>Direct current DC13 - Q 600 U_e = 125 V, I_e = 0.55 A U_e = 250 V, I_e = 0.27 A U_e = 400 V, I_e = 0.15 A U_e = 500 V, I_e = 0.13 A U_e = 600 V, I_e = 0.1 A</p> <p>- gold plated contacts U_e = 5 V DC and I_e = 1 mA Failure rate < 10⁻⁸</p> <p>Direct Current - Q600 Continuous Current - 2.5 amps Rated Voltage - 600Vdc</p> <table border="1"> <thead> <tr> <th rowspan="2">Voltage</th> <th colspan="2">Max. Amps</th> </tr> <tr> <th>Make</th> <th>Break</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>2.5</td> <td>2.5</td> </tr> <tr> <td>125</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>250</td> <td>0.27</td> <td>0.27</td> </tr> <tr> <td>301-600</td> <td>0.10</td> <td>0.10</td> </tr> </tbody> </table>	Voltage	Max. Amps		Make	Break	24	2.5	2.5	125	0.55	0.55	250	0.27	0.27	301-600	0.10	0.10	IEC 60947-5-1
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▶ Electrical operating life	<p>1 million cycles for: - AC15 - B 300 U_e = 120 V, I_e = 3 A U_e = 240 V, I_e = 1.5 A</p> <p>- DC13 - R 300 U_e = 125 V, I_e = 0.22 A U_e = 250 V, I_e = 0.1 A</p>																																							
▶ Applicable wire sizes	Rigid or flexible wire without ferrule: 0.5 mm ² to 2 x 2.5 mm ² Rigid or flexible wire with ferrule: 0.5 mm ² to 2 x 1.5 mm ²																																							

Technical Specifications

▶ CONTACT BLOCKS

Faston connection	Data	Standards																																																
▶ Rated insulation voltage	320 V AC 300 V AC	IEC/EN60947-1 UL 508																																																
▶ NC contacts	Positive opening	IEC/EN 60947-5-1																																																
▶ Rated impulse withstanding voltage Uimp Pollution degree	6 kV 3																																																	
▶ Conventional thermal current in free air conditions	AC 15: 10 A DC 13: 2.5 A	IEC 60947-5-1																																																
▶ Electrical ratings	<p>Alternating current AC15 - A 300 Ue = 120 V, Ie = 6 A Ue = 240 V, Ie = 3 A</p> <p>Minimum current of use Ue = 24 V DC and Ie = 5 mA Failure rate < 10⁻⁸</p> <p>UL508</p> <table border="0"> <tr> <td colspan="3">Alternating Current 50/60Hz - A300</td> <td colspan="3">Direct Current - Q300</td> </tr> <tr> <td colspan="3">Continuous Current - 10 amps</td> <td colspan="3">Continuous Current - 2.5 amps</td> </tr> <tr> <td colspan="3">Rated Voltage - 300Vac</td> <td colspan="3">Rated Voltage - 300Vdc</td> </tr> <tr> <td></td> <td>Max. Amps</td> <td>Max. Amps</td> <td></td> <td>Max. Amps</td> <td>Max. Amps</td> </tr> <tr> <td>Voltage</td> <td>Make</td> <td>Break</td> <td>Voltage</td> <td>Make</td> <td>Break</td> </tr> <tr> <td>72</td> <td>60</td> <td>10</td> <td>24</td> <td>2.5</td> <td>2.5</td> </tr> <tr> <td>120</td> <td>60</td> <td>6.0</td> <td>125</td> <td>0.55</td> <td>0.55</td> </tr> <tr> <td>240</td> <td>30</td> <td>3.0</td> <td>250</td> <td>0.27</td> <td>0.27</td> </tr> </table>	Alternating Current 50/60Hz - A300			Direct Current - Q300			Continuous Current - 10 amps			Continuous Current - 2.5 amps			Rated Voltage - 300Vac			Rated Voltage - 300Vdc				Max. Amps	Max. Amps		Max. Amps	Max. Amps	Voltage	Make	Break	Voltage	Make	Break	72	60	10	24	2.5	2.5	120	60	6.0	125	0.55	0.55	240	30	3.0	250	0.27	0.27	IEC 60947-5-1
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▶ Electrical operating life	<p>1 million cycles for:</p> <p>- AC15 - B 300 Ue = 120 V, Ie = 3 A Ue = 240 V, Ie = 1.5 A</p> <p>- DC13 - R 300 Ue = 125 V, Ie = 0.22 A Ue = 250 V, Ie = 0.1 A</p>																																																	
▶ Faston size	6.35 mm (0.25") or 2 x 2.8 mm (0.110")																																																	

Technical Specifications

▶ CONTACT BLOCKS

Pin-style connection (for PCB)	Data	Standards																																																
▶ Rated insulation voltage	250 V AC 250 V AC	IEC/EN60947-1 UL 508																																																
▶ NC contacts	Positive opening	IEC/EN 60947-5-1																																																
▶ Rated impulse withstanding voltage Uimp Pollution degree	4 kV 3																																																	
▶ Conventional thermal current in free air conditions	AC 15: 5 A DC 13: 1 A	IEC 60947-5-1																																																
▶ Electrical ratings	<p>Alternating current AC 15 - B 300 Ue = 120 V, Ie = 3 A Ue = 240 V, Ie = 1.5 A</p> <p>Direct current DC13 - R 300 Ue = 125 V, Ie = 0.22 A Ue = 250 V, Ie = 0.1 A</p> <p>Minimum current of use - standard blocks Ue = 24 V DC and Ie = 5 mA Failure rate < 10⁻⁸</p> <p>- golden contacts Ue = 5 V DC and Ie = 1 mA Failure rate < 10⁻⁸</p> <p>UL508</p> <table border="0"> <tr> <td colspan="3">Alternating Current 50/60Hz - B300</td> <td colspan="3">Direct Current - R300</td> </tr> <tr> <td colspan="3">Continuous Current - 5 amps</td> <td colspan="3">Continuous Current - 1 amp</td> </tr> <tr> <td colspan="3">Rated Voltage - 300Vac</td> <td colspan="3">Rated Voltage - 300Vdc</td> </tr> <tr> <td></td> <td>Max. Amps</td> <td>Max. Amps</td> <td></td> <td>Max. Amps</td> <td>Max. Amps</td> </tr> <tr> <td>Voltage</td> <td>Make</td> <td>Break</td> <td>Voltage</td> <td>Make</td> <td>Break</td> </tr> <tr> <td>72</td> <td>30</td> <td>5.0</td> <td>24</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>120</td> <td>30</td> <td>3.0</td> <td>125</td> <td>0.22</td> <td>0.22</td> </tr> <tr> <td>240</td> <td>15</td> <td>1.5</td> <td>250</td> <td>0.11</td> <td>0.11</td> </tr> </table>	Alternating Current 50/60Hz - B300			Direct Current - R300			Continuous Current - 5 amps			Continuous Current - 1 amp			Rated Voltage - 300Vac			Rated Voltage - 300Vdc				Max. Amps	Max. Amps		Max. Amps	Max. Amps	Voltage	Make	Break	Voltage	Make	Break	72	30	5.0	24	1.0	1.0	120	30	3.0	125	0.22	0.22	240	15	1.5	250	0.11	0.11	IEC 60947-5-1 IEC 60947-5-4
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▶ Pin diameter	∅ 1 mm																																																	

Technical Specifications

▶ LED BLOCKS FOR ILLUMINATED HEADS

Characteristics	Data	Standards
▶ Rated insulation voltage	300 V	IEC/EN 60947-5-1
▶ Rated impulse voltage Uimp Pollution degree	4 kV (with filter block see p. 70) 3	IEC/EN 60947-1
▶ Operating voltage	12 to 24 V AC/DC 48 V AC/DC (for LED block) 130 V AC 230 V AC	
▶ Frequency	50 or 60 Hz	
▶ Lifetime at rated supply voltage	Red and yellow: 100 000 hours at 25 °C Other colors: 50 000 hours at 25 °C	
▶ Consumption of LED blocks	Voltage: - 24 V: 25 mA ± 20% - 48 V: 15 mA ± 5% - 130 V: 20 mA ± 10% - 230 V: 16 mA ± 30%	

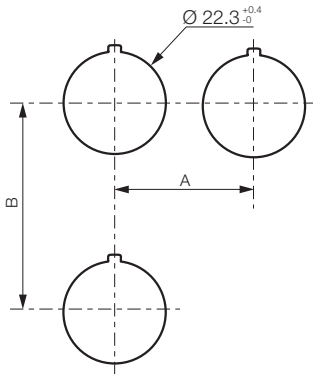
▶ ONE PIECE PILOT LIGHT BA9S

Characteristics	Data	
▶ Rated insulation voltage	400 V	IEC 60947-5-1
▶ Rated impulse withstand voltage Uimp	4 kV	IEC/EN 60947-1
▶ Bulb rating	400 V max. - 2.6 W max. 240 V max. - 2.6 W max.	IEC 60947-5-1 UL 508

Technical Specifications

▶ PANEL CUT-OUT

DRILLING

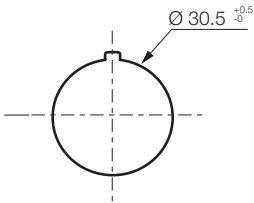


For heads equipped with electrical blocks with screw or plug-in terminals

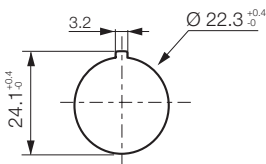
Minimum interval (mm)

	= 30	With or without legend (usual case)
	= 33	IP 67 (silicon shroud)
	= 40	With large legend plate
A	> 40	For mushroom head $\varnothing 40$
	> 45	For selector switch with long handle
	= 38	For super-flush button
	= 50	With 5 position clip
B	= 45	With or without legend plate (usual case)
	= 54	With double touch
	= 77	With double touch + legend plate
	= 50	Joystick

DRILLING FOR SUPER-FLUSH BUTTON

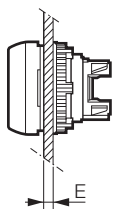


DRILLING WHEN USING THE ANTI-ROTATION RING (OPTIONAL)



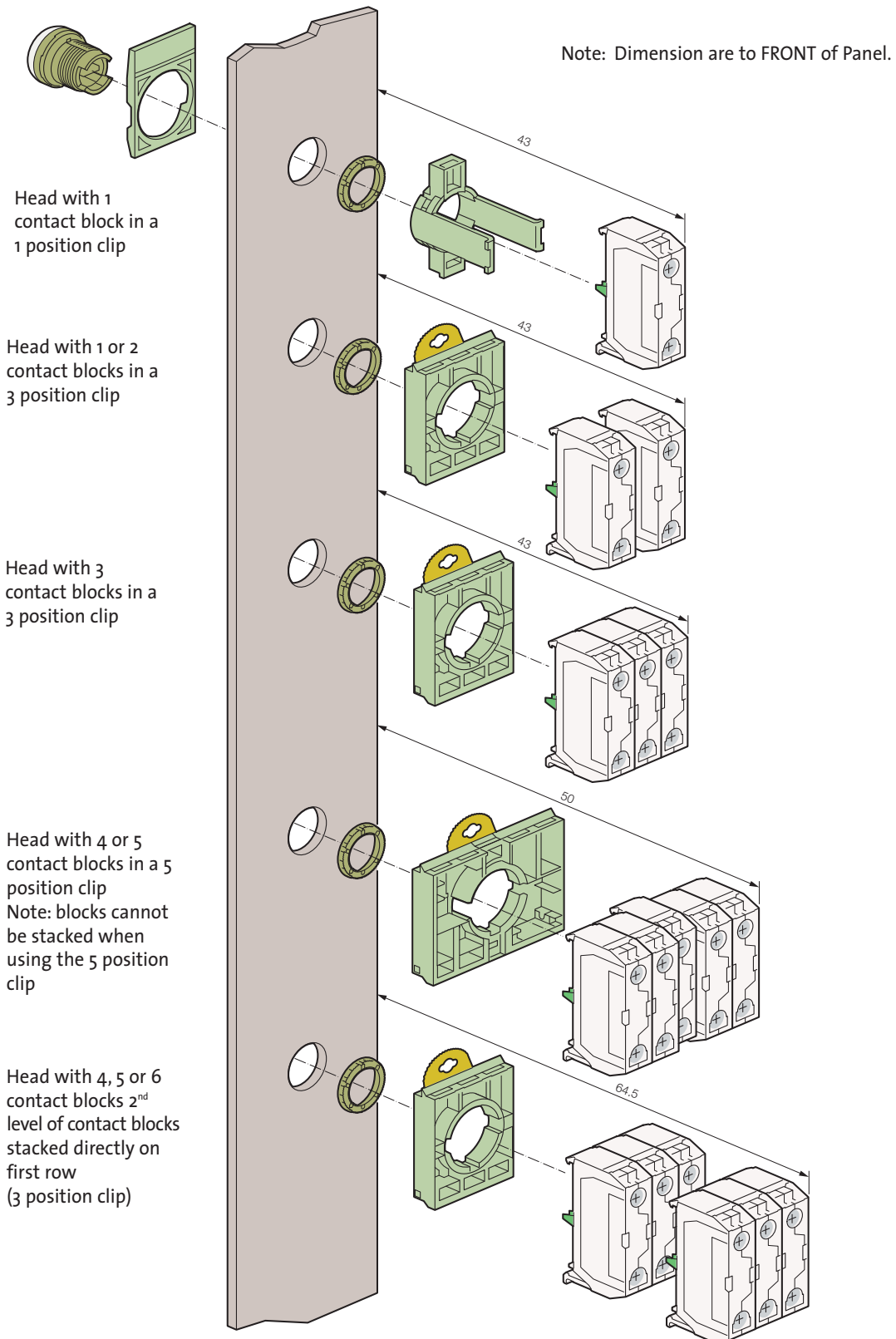
THICKNESS OF PANEL (E)

E = 1 to 6 mm



Technical Specifications

NON-ILLUMINATED



Technical Specifications

ILLUMINATED

