

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

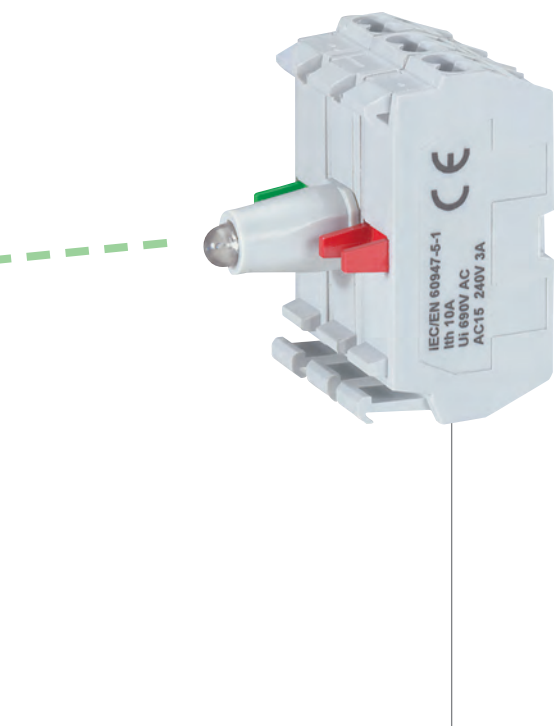
See pages 27 to 53

► 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

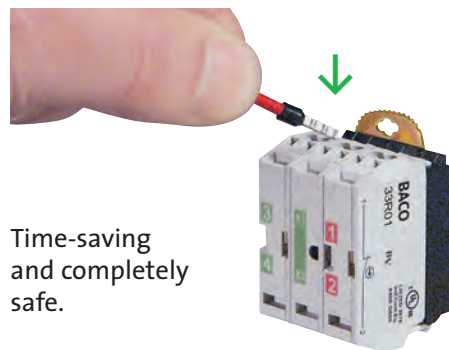
“Imagatively designed to be safe, robust and durable”

- 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!



► 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°)



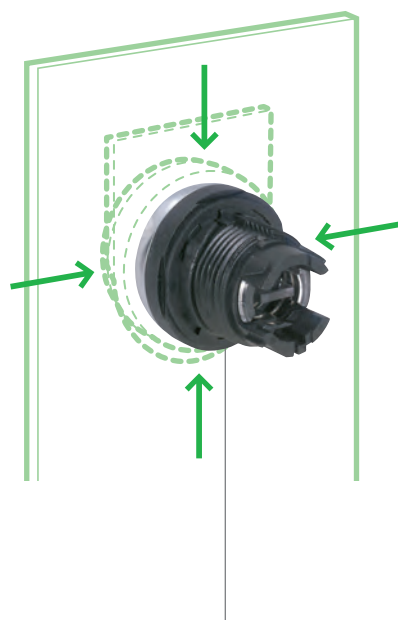
Bezels
Choice between:
black or chrome

► SILK-SCREENING

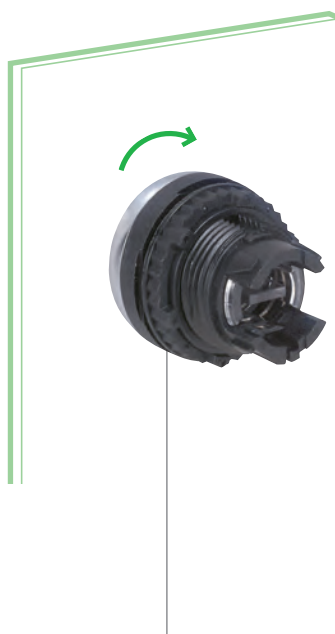
- Enclosures with standard text and symbols
- Enclosures with custom text and/or symbols to meet your specific requirements



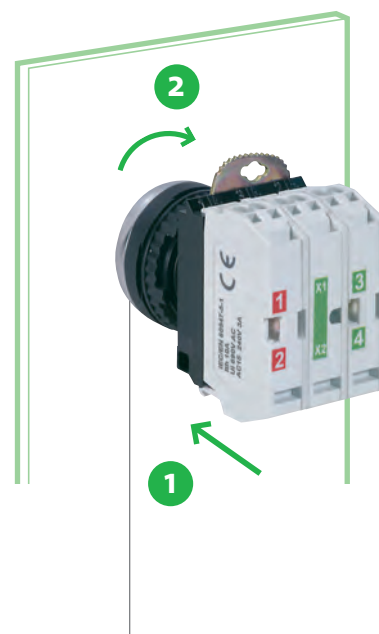
Simplicity, speed, choice!



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



Locking ring
to fix the head

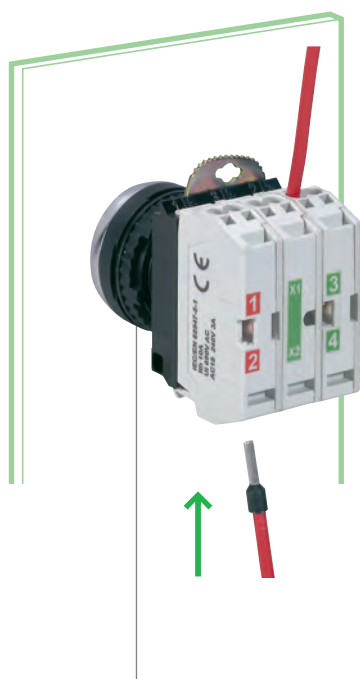


Fixing
Locate block onto head
and lock in place with
rotating metallic latch

► 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



Quick connection

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

► CONFIGURATIONS

"A range designed to meet and adapt to all requirements and all situations"

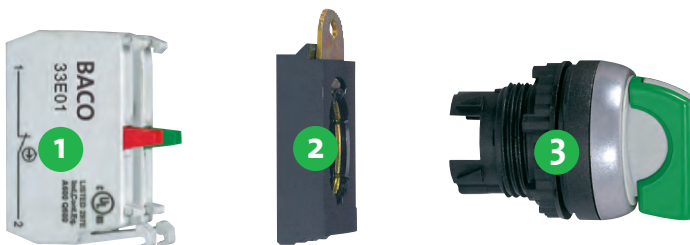
COMPLETE UNITS

- 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



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



L21AA01 -

3	E	1	1	Y7
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>

<i>a</i>	
CLIP	
Code	Description
1	single module
3	three modules
4	three modules (when using 33ET1 contact blocks)
5	five modules

<i>b</i> TERMINAL STYLE	
Code	Description
E	Screw and Clamp
ED	Stab (Quick Connect)
EP	PCB
ER	Plug In

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.

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 ø 22MM

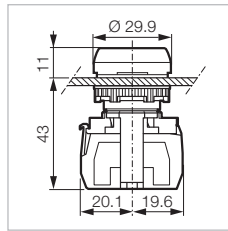
► SPRING RETURN - NON-ILLUMINATED



FLUSH



L21AA01-1E01



WITH SINGLE POSITION CLIP

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

Chrome Bezel
Part Number

Black Bezel
Part Number

L21AA01-1E01
L21AA02-1E10
L21AA03-1E10
L21AA04-1E10
L21AA05-1E10
L21AA06-1E10

L22AA01-1E01
L22AA02-1E10
L22AA03-1E10
L22AA04-1E10
L22AA05-1E10
L22AA06-1E10

WITH INTERNATIONAL SYMBOLS

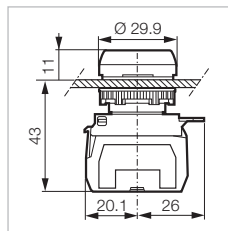
● Red	NC
● Green	NO

L21AA81-1E01
L21AA82-1E10

L22AA81-1E01
L22AA82-1E10



L22AA02-3E10



WITH THREE POSITION CLIP

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

L21AA01-3E01
L21AA02-3E10
L21AA03-3E01
L21AA03-3E10
L21AA04-3E10
L21AA05-3E10
L21AA06-3E10

L22AA01-3E01
L22AA02-3E10
L22AA03-3E01
L22AA03-3E10
L22AA04-3E10
L22AA05-3E10
L22AA06-3E10

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

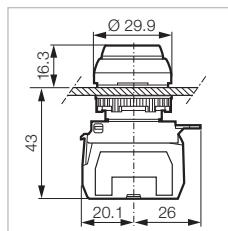
L21AA01-3E11
L21AA02-3E11
L21AA03-3E11
L21AA04-3E11
L21AA05-3E11
L21AA06-3E11

L22AA01-3E11
L22AA02-3E11
L22AA03-3E11
L22AA04-3E11
L22AA05-3E11
L22AA06-3E11

PROJECTING



L21AB04-3E11



WITH SINGLE POSITION CLIP

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

L21AB01-1E01
L21AB02-1E10
L21AB03-1E10
L21AB04-1E10
L21AB05-1E10
L21AB06-1E10

L22AB01-1E01
L22AB02-1E10
L22AB03-1E10
L22AB04-1E10
L22AB05-1E10
L22AB06-1E10

WITH THREE POSITION CLIP

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

L21AB01-3E11
L21AB02-3E11
L21AB03-3E11
L21AB04-3E11
L21AB05-3E11
L21AB06-3E11

L22AB01-3E11
L22AB02-3E11
L22AB03-3E11
L22AB04-3E11
L22AB05-3E11
L22AB06-3E11

WITH INTERNATIONAL SYMBOL

● Red	NC
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L21AB01B-1E01

L22AB31A70-1E01

Complete units: Push-buttons ø 22mm

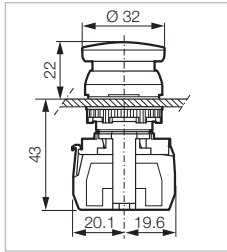
► SPRING RETURN - NON-ILLUMINATED



Ø 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

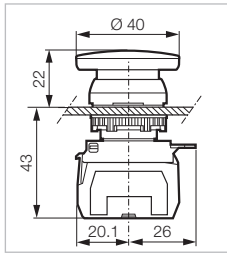
L21AC01-3E01
L21AC02-3E10
L21AC03-3E10
L21AC04-3E10

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

Ø 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

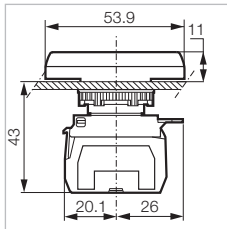
L22AD01-3E01
L22AD02-3E10
L22AD03-3E10
L22AD04-3E10

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

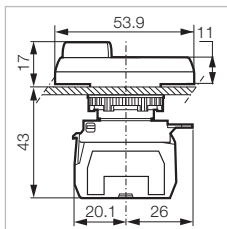
L62QA21B-3E11

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 ø 22MM

► SPRING RETURN - NON-ILLUMINATED



FLUSH-PROJECTING-FLUSH

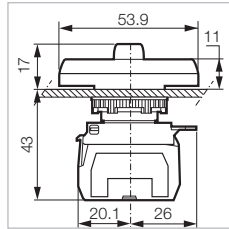
Triple touch

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

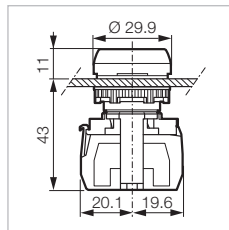
L62BA22G-3E21

► 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

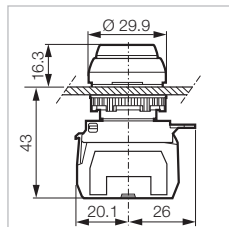
L21CA06-3E11

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 ø 22MM

► MAINTAINED - NON-ILLUMINATED



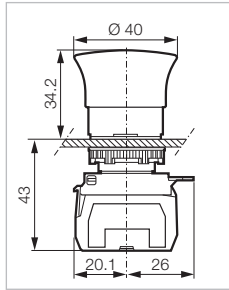
ø 40 MUSHROOM

Push-pull to reset

Black Bezel
Part Number



L22DD01-3E01



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

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

WITH TEXT

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

L22DD01S-3E01

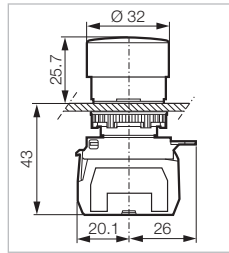
L22DD02-3E10
L22DD03-3E01
L22DD03-3E10
L22DD04-3E10

ø 32 MUSHROOM

Push-turn to reset



L22EC01-3E01



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

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

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

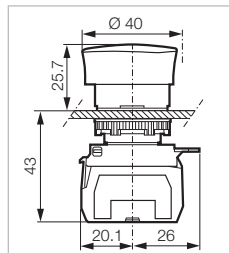
L22EC02-3E10
L22EC03-3E01
L22EC03-3E10
L22EC04-3E10

ø 40 MUSHROOM

Push-turn to reset



L22ED01-3E11



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

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

WITH TEXT

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

L22ED01S-3E01

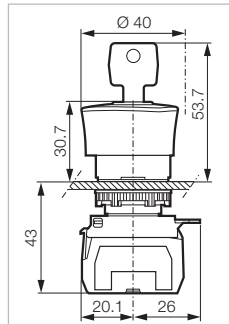
L22ED02-3E10
L22ED03-3E01
L22ED03-3E10
L22ED04-3E10

ø 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 Ø 22mm

► EMERGENCY STOP MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

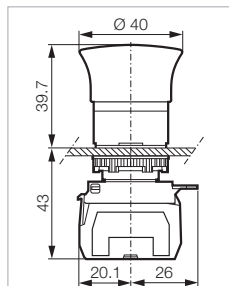
Ø 40 EN 418 / ISO13850

Push-pull to reset

Black Bezel
Part Number



L22DR01-3E11



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

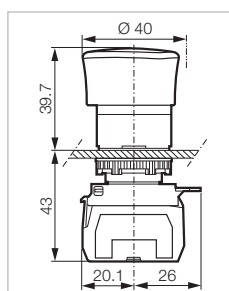
L22DR01-3E01
L22DR01-3E02
L22DR01-3E11

Ø 40 EN 418 / ISO13850

Push-turn to reset



L22ER01-3E11



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

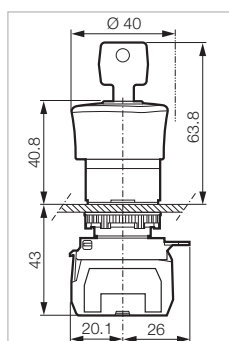
L22ER01-3E01
L22ER01-3E02
L22ER01-3E11

Ø 40 EN 418 / ISO13850

Key to reset



L22GR01-3E11



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

Complete units: Selector switches ø 22mm

SELECTOR SWITCHES - NON-ILLUMINATED



WITH HANDLE

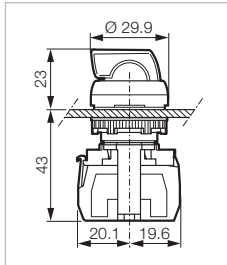
2 positions

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

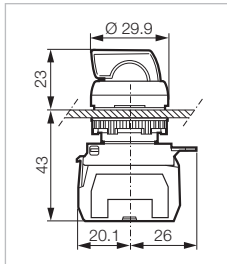
L22KE01-1E01
L22KE02-1E10
L22KE03-1E10
L22KE03-3E20
L22KE03-3E11
L22KE08-1E10

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



WITH KNOB

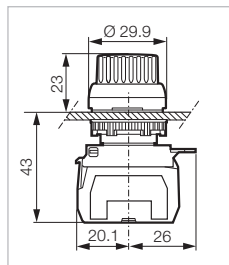
2 and 3 positions

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

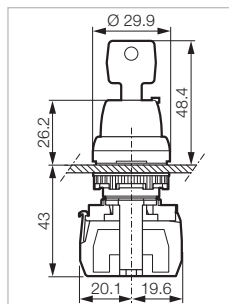
WITH KEY

2 positions

Supplied with 2 keys profile n°455



L21LA00-1E10



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

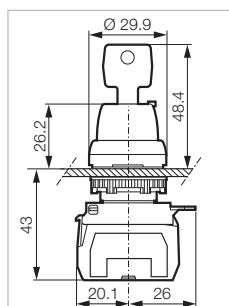
WITH KEY

3 positions

Supplied with 2 keys profile n°455



L21NA00-3E20



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
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.

f

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.

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 Ø 22MM

► SPRING RETURN - ILLUMINATED



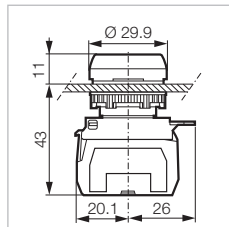
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21AH20-3EAGL11



LED blocks

12/24 Vac/dc

● Red	NO+NC	L21AH10-3EARL11	L22AH10-3EARL11
● Green	NO+NC	L21AH20-3EAGL11	L22AH20-3EAGL11
● Yellow	NO+NC	L21AH40-3EAYL11	L22AH40-3EAYL11
○ White	NO+NC	L21AH50-3EAWL11	L22AH50-3EAWL11
● Blue	NO+NC	L21AH60-3EABL11	L22AH60-3EABL11

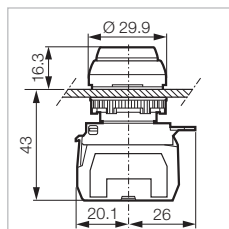
130 Vac

● Red	NO+NC	L21AH10-3EARM11	L22AH10-3EARM11
● Green	NO+NC	L21AH20-3EAGM11	L22AH20-3EAGM11
● Yellow	NO+NC	L21AH40-3EAYM11	L22AH40-3EAYM11
○ White	NO+NC	L21AH50-3EAWM11	L22AH50-3EAWM11
● Blue	NO+NC	L21AH60-3EABM11	L22AH60-3EABM11

PROJECTING



L21AK40-3EAYM11



LED blocks

12/24 Vac/dc

● Red	NO+NC	L21AK10-3EARL11	L22AK10-3EARL11
● Green	NO+NC	L21AK20-3EAGL11	L22AK20-3EAGL11
● Yellow	NO+NC	L21AK40-3EAYL11	L22AK40-3EAYL11
○ White	NO+NC	L21AK50-3EAWL11	L22AK50-3EAWL11
● Blue	NO+NC	L21AK60-3EABL11	L22AK60-3EABL11

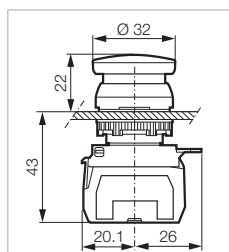
130 Vac

● Red	NO+NC	L21AK10-3EARM11	L22AK10-3EARM11
● Green	NO+NC	L21AK20-3EAGM11	L22AK20-3EAGM11
● Yellow	NO+NC	L21AK40-3EAYM11	L22AK40-3EAYM11
○ White	NO+NC	L21AK50-3EAWM11	L22AK50-3EAWM11
● Blue	NO+NC	L21AK60-3EABM11	L22AK60-3EABM11

Ø 32 MUSHROOM



L21AL10-3EARL11



LED blocks

12/24 Vac/dc

● Red	NO+NC	L21AL10-3EARL11	L22AL10-3EARL11
● Green	NO+NC	L21AL20-3EAGL11	L22AL20-3EAGL11
● Yellow	NO+NC	L21AL40-3EAYL11	L22AL40-3EAYL11
○ White	NO+NC	L21AL50-3EAWL11	L22AL50-3EAWL11
● Blue	NO+NC	L21AL60-3EABL11	L22AL60-3EABL11

130 Vac

● Red	NO+NC	L21AL10-3EARM11	L22AL10-3EARM11
● Green	NO+NC	L21AL20-3EAGM11	L22AL20-3EAGM11
● Yellow	NO+NC	L21AL40-3EAYM11	L22AL40-3EAYM11
○ White	NO+NC	L21AL50-3EAWM11	L22AL50-3EAWM11
● Blue	NO+NC	L21AL60-3EABM11	L22AL60-3EABM11

Complete units: Pushbuttons ø 22MM

► SPRING RETURN - ILLUMINATED



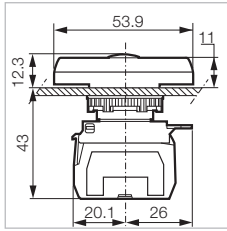
TWIN TOUCH - FLUSH-FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L61QH21-3EAWM11



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

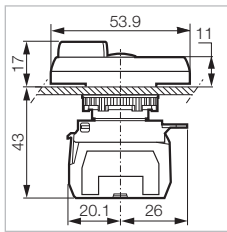
230 Vac - WITH TEXT

	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 Ø 22mm

► MAINTAINED - ILLUMINATED



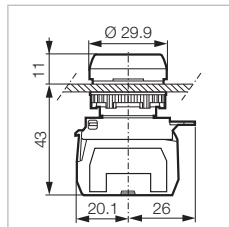
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21CH20-3EAGL11



LED blocks

12/24 Vac/dc

● 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

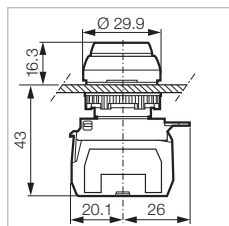
230 Vac

● 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

● 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 Ø 22MM

► MAINTAINED - ILLUMINATED



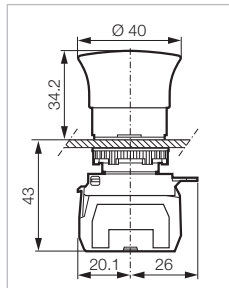
Ø 40 MUSHROOM

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

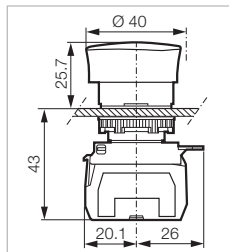
L22DM10-3EARM01
L22DM10-3EARM02
L22DM10-3EARM11

Ø 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

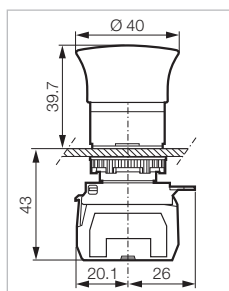
► EMERGENCY STOP MAINTAINED - ILLUMINATED

Ø 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

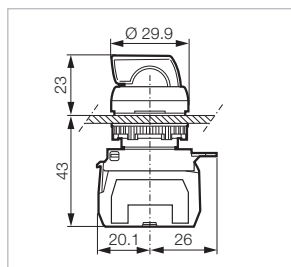


WITH HANDLE

2 positions

Chrome Bezel
Part NumberBlack Bezel
Part Number

L21KG10-3EARL11



LED COLOR / HANDLE COLOR

MAINTAINED POSITIONS - 45°

12/24 Vac/dc

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



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

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



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

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



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

NO + NC
NO + NC
NO + NC
NO + NC
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



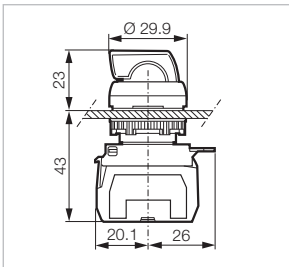
WITH HANDLE

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 ø 22MM

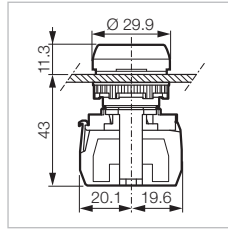
PILOT LIGHTS

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

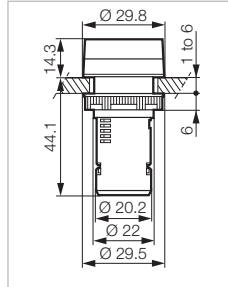
130Vac
L20SE10-1EARM
L20SE20-1EAGM
L20SE40-1EAYM
L20SE50-1EAWM
L20SE60-1EABM

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

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

24 Vac/dc

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

L20SA10LA
L20SA20LA
L20SA30LA
L20SA40LA
L20SA50LA
L20SA60LA

L20SA10L
L20SA20L

L20SA40L
L20SA50L
L20SA60L



L20SA10M

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

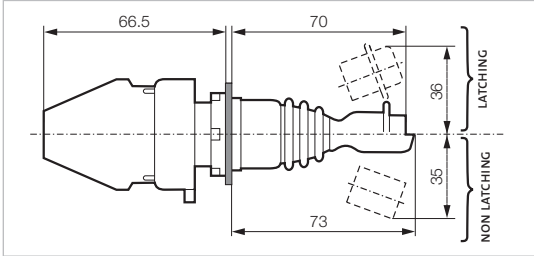
L20SA40H
L20SA50H
L20SA60H

Complete units: Joysticks ø 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

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	$\begin{array}{c} A \\ C - 0 - D \\ B \end{array}$	2	4	LM4F-3M4
		4	8	LM4F-5M8
spring-return	$\begin{array}{c} A \\ C \rightarrow 0 \leftarrow D \\ B \end{array}$	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	$\begin{array}{c} A \\ C - 0 - D \\ B \end{array}$	2	4	LMV4F-3M4
		4	8	LMV4F-5M8
spring return	$\begin{array}{c} A \\ C \rightarrow 0 \leftarrow D \\ B \end{array}$	2	4	LMV4A-3M4
		4	8	LMV4A-5M8

Operator Heads: ø 22MM

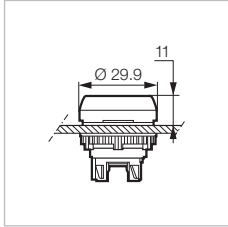
► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p. 103)

FLUSH



L21AA02



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

Chrome Bezel
Part Number

Black Bezel
Part Number

L21AA01
L21AA02
L21AA03
L21AA04
L21AA05
L21AA06

L22AA01
L22AA02
L22AA03
L22AA04
L22AA05
L22AA06

WITH INTERNATIONAL SYMBOL

-  Red
-  Green
-  Black

L21AA81
L21AA82
L21AA83

L22AA81
L22AA82
L22AA83

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

L21AA31□□□
L21AA32□□□
L21AA33□□□
L21AA34□□□
L21AA35□□□
L21AA36□□□

L22AA31□□□
L22AA32□□□
L22AA33□□□
L22AA34□□□
L22AA35□□□
L22AA36□□□



L22AA34328



L21AA00

WITHOUT CAP

L21AA00

L22AA00

Pushbutton caps (see p. 84)

Operator Heads: ø 22mm

► SPRING RETURN - NON-ILLUMINATED



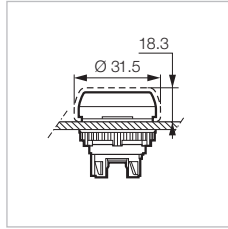
Technical Info (p. 103)

FLUSH WITH SHROUD

Reinforced degree of protection: IP 67

Black Bezel
Part Number

L22AM01A



Supplied with flat shroud

TRANSPARENT SHROUD

Components
Operator + Shroud

● Red	L22AA01 + LWA0255	L22AM01A
● Green	L22AA02 + LWA0255	L22AM02A
● Black	L22AA03 + LWA0255	L22AM03A
● Yellow	L22AA04 + LWA0255	L22AM04A
○ White	L22AA05 + LWA0255	L22AM05A
● Blue	L22AA06 + LWA0255	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	L22AA31□□□ + LWA0255	L22AM31□□□
● Green	L22AA32□□□ + LWA0255	L22AM32□□□
● Black	L22AA33□□□ + LWA0255	L22AM33□□□
● Yellow	L22AA34□□□ + LWA0255	L22AM34□□□
○ White	L22AA35□□□ + LWA0255	L22AM35□□□
● Blue	L22AA36□□□ + LWA0255	L22AM36□□□

COLORED SHROUD

● Red	L22AA01 + LWA0251	L22AM01
● Green	L22AA02 + LWA0252	L22AM02
● Black	L22AA03 + LWA0253	L22AM03

Operator Heads: Ø 22mm

► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p.103)

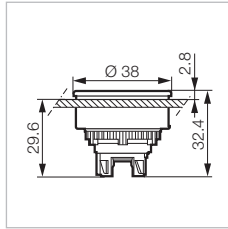
SUPER FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L23AA02



Metal chrome bezel
Panel cut-out Ø 30mm

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

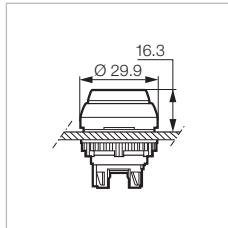
WITH INTERNATIONAL SYMBOL

 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
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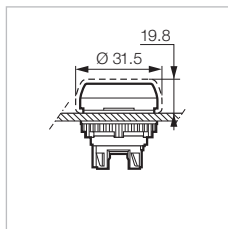
PROJECTING WITH SHROUD

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

COLOR SHROUD

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

Operator Heads: ø 22mm

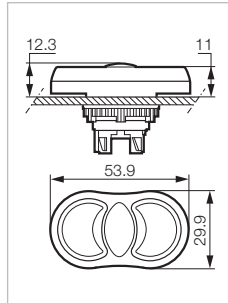
► SPRING RETURN - NON-ILLUMINATED

 Technical Info (p. 103)

FLUSH-FLUSH



L61QA21



Twin touch

Chrome Bezel
Part Number

Black Bezel
Part Number

WITH INTERNATIONAL SYMBOLS

 Green

 Red

L61QA21

L62QA21

 White

 Black

L61QA53

L62QA53

WITH TEXT

 Green (START)

 Red (STOP)

L61QA21B

L62QA21B

WITH SYMBOLS OR ARROWS

 Green <||> (symbol for OPEN)

 Green >||< (symbol for CLOSE)

L61QA22

L62QA22

 Green

 Green

L61QA22K

L62QA22K

 Black

 Black

L61QA33C

L62QA33C

BLANK

 Green

 Red

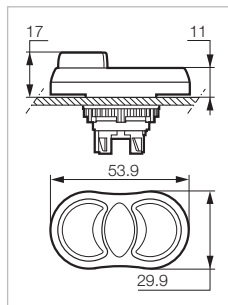
L61QA21V

L62QA21V

FLUSH-PROJECTING



L61QB21



Twin touch

WITH INTERNATIONAL SYMBOLS

 Green

 Red

L61QB21

L62QB21

WITH TEXT

 Green (START)

 Red (STOP)

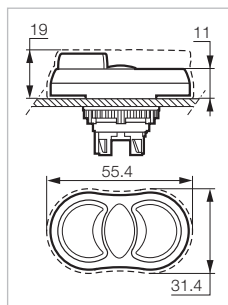
L61QB21B

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)

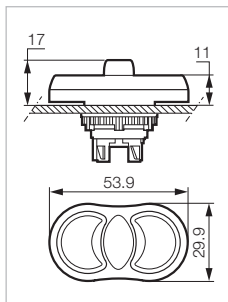
 Red (STOP)

L61QM21B

L62QM21B

 Technical Info (p.103)

Black Bezel
Part Number



L61BA22

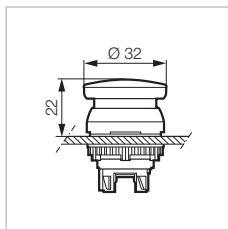
L62BA22

- L62BA22B**

L62BA22G

- L62BA22F

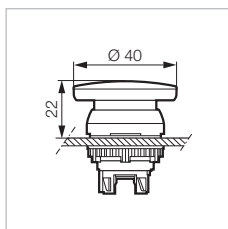
L21AC03



- L21AC01
L21AC02
L21AC03
L21AC04

L22AC01
L22AC02
L22AC03
L22AC04

L21AD01

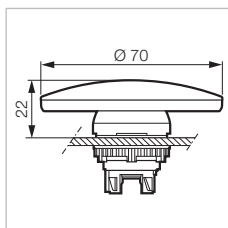


- L21AD01
L21AD02
L21AD03
L21AD04
L21AD06

L22AD01
L22AD02
L22AD03
L22AD04
L22AD06

L22AD01S

L21AE03



- L21AE01
L21AE03

L22AE01
L22AE03

Operator Heads: ø 22mm

► MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

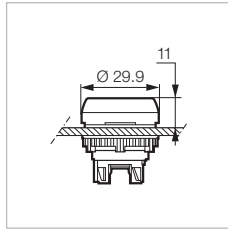
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21CA01



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

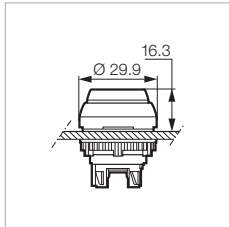
L21CA01
L21CA02
L21CA03
L21CA04
L21CA05
L21CA06

L22CA01
L22CA02
L22CA03
L22CA04
L22CA05
L22CA06

PROJECTING



L21CB02



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

L21CB01
L21CB02
L21CB03
L21CB04
L21CB05
L21CB06

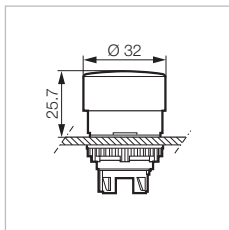
L22CB01
L22CB02
L22CB03
L22CB04
L22CB05
L22CB06

ø 32 MUSHROOM

Push-turn to reset



L22EC01



- Red
- Green
- Black
- Yellow

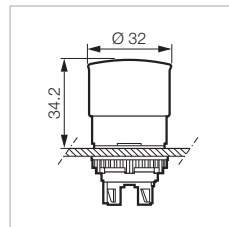
L22EC01
L22EC02
L22EC03
L22EC04

ø 32 MUSHROOM

Push-pull to reset



L22DC01



- Red

L22DC01

Operator Heads: Ø 22mm

► MAINTAINED - NON-ILLUMINATED

 Technical Info (p.103)

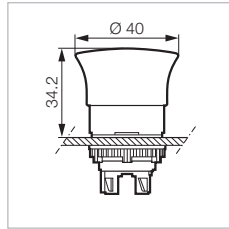
Ø 40 - MUSHROOM

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

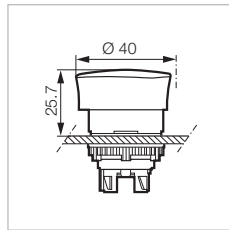
L22DD01C

Ø 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

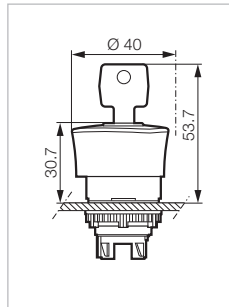
L22ED01G

Ø 40 - MUSHROOM

Key to reset



L22GM01



Supplied with 2 keys profile n° 455

- Red

L22GM01

Operator Heads: Ø 22mm

► EMERGENCY STOP MAINTAINED - NON-ILLUMINATED

 Technical Info (p. 103)

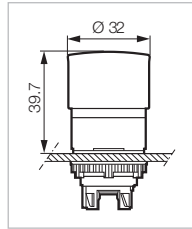
Ø 32 EN 418 / ISO 13850

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

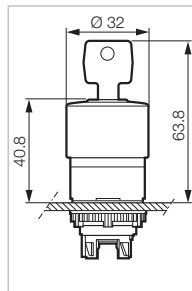
L22DQ01

Ø 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

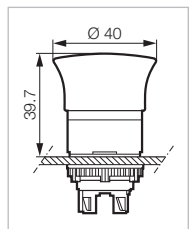
L22GQ01

Ø 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: Ø 22mm

► EMERGENCY STOP MAINTAINED - NON-ILLUMINATED

 Technical Info (p. 103)

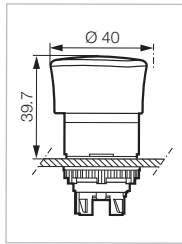
Ø 40 EN 418 / ISO 13850

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



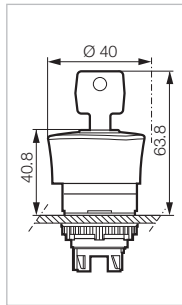
L22ER016911

Ø 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

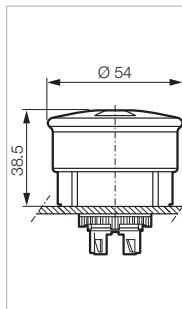
L22GR01

Ø 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

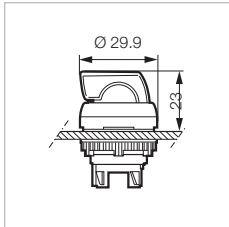
● Red - (STOP - I)

L22DU01

Operator Heads: Ø 22mm

► SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH HANDLE		2 positions	Chrome Bezel Part Number	Black Bezel Part Number
 L21KA03		MAINTAINED POSITIONS - 45° - Red - Green - Black - Grey 	L21KA01 L21KA02 L21KA03 L21KA08	L22KA01 L22KA02 L22KA03 L22KA08
		SPRING RETURN - 45° - Red - Green - Black - Grey 	L21KB01 L21KB02 L21KB03 L21KB08	L22KB01 L22KB02 L22KB03 L22KB08
		MAINTAINED POSITIONS - 45° - Red - Green - Black - Grey 	L21KC01 L21KC02 L21KC03 L21KC08	L22KC01 L22KC02 L22KC03 L22KC08
		SPRING RETURN - 45° - Red - Green - Black - Grey 	L21KD01 L21KD02 L21KD03 L21KD08	L22KD01 L22KD02 L22KD03 L22KD08
		MAINTAINED POSITIONS - 90° - Red - Green - Black - Grey 	L21KE01 L21KE02 L21KE03 L21KE08	L22KE01 L22KE02 L22KE03 L22KE08
		MAINTAINED POSITIONS - 90° - Red - Green - Black - Grey 	L21KF01 L21KF02 L21KF03 L21KF08	L22KF01 L22KF02 L22KF03 L22KF08

Operator Heads: Ø 22mm

► SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH LEVER HANDLE

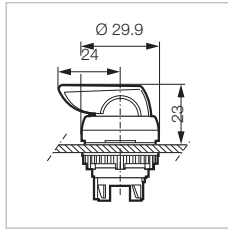
2 positions

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



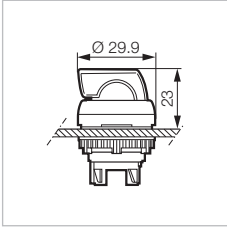
L21KU01
L21KU02
L21KU03

L22KU01
L22KU02
L22KU03

Operator Heads: ø 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
				
 L21MA08		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
				

Operator Heads: ø 22mm

▶ SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

WITH LEVER HANDLE

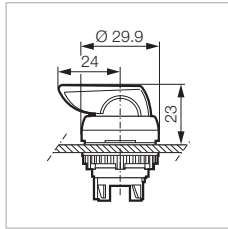
3 positions

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 \(p.103\)](#)

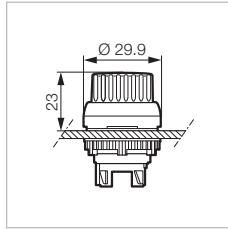
WITH KNOB

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



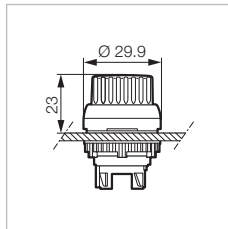
L21TF03

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: ø 22MM

► SELECTOR SWITCHES - NON-ILLUMINATED

 Technical Info (p. 103)

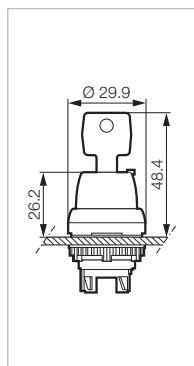
WITH KEY

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

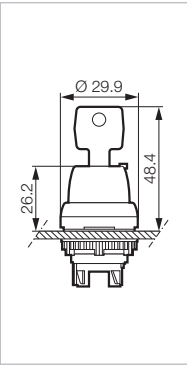
FOR KEY PROFILE N° 1424A ADD SUFFIX "A" TO END OF ABOVE PART NUMBERS (IE. L21LA00A)

Operator Heads: Ø 22mm

SELECTOR SWITCHES - NON-ILLUMINATED

Technical Info (p.103)

WITH KEY	3 positions	Chrome Bezel Part Number	Black Bezel Part Number
	Supplied with 2 keys profile n° 455		
	KEY FREE IN POSITION:		
	MAINTAINED POSITIONS - 45°		
	● Black	0	L21NA00L22NA00
			
	SPRING RETURN FROM LEFT TO 0 - 45°		
	● Black	0	L21NB00L22NB00
			
	SPRING RETURN FROM RIGHT TO 0 - 45°		
	● Black	0	L21NC00L22NC00
			
	SPRING RETURN TO 0 - 45°		
	● Black	0	L21ND00L22ND00
			
	MAINTAINED POSITIONS - 45°		
	● Black	1 - 2	L21NE00L22NE00
			
	SPRING RETURN FROM RIGHT TO 0 - 45°		
	● Black	1	L21NJ00L22NJ00
			
	MAINTAINED POSITIONS - 90°		
	● Black	1 - 0 - 2	L21NK00L22NK00
			
	MAINTAINED POSITIONS - 90°		
	● Black	0	L21NL00L22NL00
			



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

Operator Heads: ø 22mm

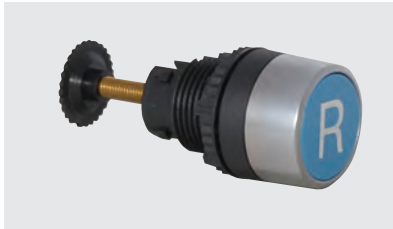
► MECHANICAL ACTUATOR MOMENTARY - NON-ILLUMINATED



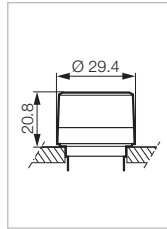
ADJUSTABLE MECHANICAL ACTUATOR - FLUSH

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

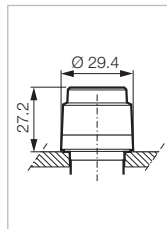
For custom text or symbol please contact us.

● 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: Ø 22MM

► SPRING RETURN - ILLUMINATED



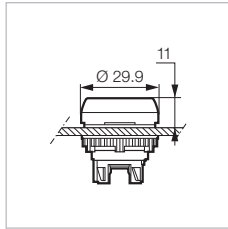
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21AH20



- Red
- Green
- Yellow
- White
- Blue

L21AH10
L21AH20
L21AH40
L21AH50
L21AH60

L22AH10
L22AH20
L22AH40
L22AH50
L22AH60

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.



L21AH00

- Red
- Green
- Yellow
- White
- Blue

L21AH31□□□
L21AH32□□□
L21AH34□□□
L21AH35□□□
L21AH36□□□

L22AH31□□□
L22AH32□□□
L22AH34□□□
L22AH35□□□
L22AH36□□□

WITHOUT CAP

L21AH00

L22AH00

Pushbutton caps (see p. 84)

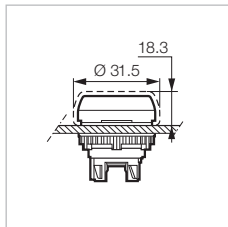
FLUSH WITH SHROUD

Reinforced degree of protection: IP 67

Black Bezel
Part Number



L22AQ40



Supplied with flat shroud

TRANSPARENT SHROUD

Components
Operator + Shroud

- Red
- Green
- Yellow
- White
- Blue

L22AH10 + LWA0255
L22AH20 + LWA0255
L22AH40 + LWA0255
L22AH50 + LWA0255
L22AH60 + LWA0255

L22AQ10
L22AQ20
L22AQ40
L22AQ50
L22AQ60

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

L22AH31□□□ + LWA0255
L22AH32□□□ + LWA0255
L22AH34□□□ + LWA0255
L22AH35□□□ + LWA0255
L22AH36□□□ + LWA0255

L22AQ31□□□
L22AQ32□□□
L22AQ34□□□
L22AQ35□□□
L22AQ36□□□

Operator Heads: ø 22mm

► SPRING RETURN - ILLUMINATED



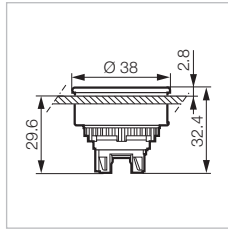
SUPER FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L23AH10



METAL CHROME BEZEL

Panel cut-out ø 30 mm

WITHOUT ENGRAVING

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

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

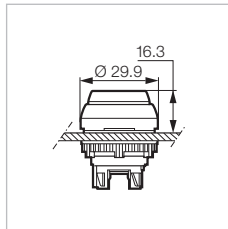
Code to be added at the end of the part number.
For custom text or symbol please contact us.

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

PROJECTING



L21AK20



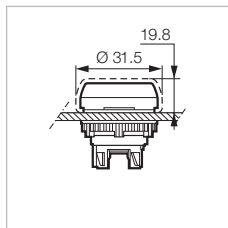
● Red	L21AK10	L22AK10
● Green	L21AK20	L22AK20
● Yellow	L21AK40	L22AK40
○ White	L21AK50	L22AK50
● Blue	L21AK60	L22AK60

PROJECTING WITH SHROUD

Black Bezel
Part Number



L22AZ10



Supplied with domed shroud

TRANSPARENT SHROUD

Components
Operator + Shroud

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

Operator Heads: ø 22mm

► SPRING RETURN - ILLUMINATED

 Technical Info (p.103)

Ø 32 MUSHROOM

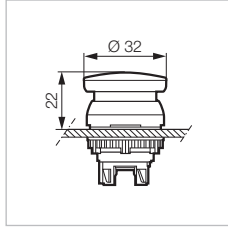
Push

Chrome Bezel
Part Number

Black Bezel
Part Number



L21AL10



- Red
- Green
- Yellow
- White

L21AL10
L21AL20
L21AL40
L21AL50

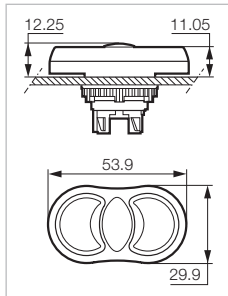
L22AL10
L22AL20
L22AL40
L22AL50

FLUSH-FLUSH

Twin touch



L62QH21



CENTRAL PART ILLUMINATED WITH INTERNATIONAL SYMBOLS

- Green
- Red

L61QH21

L62QH21

BLANK

- Green
- Green

L61QH22V

L62QH22V

WITH TEXT

- Green (START)
- Red (STOP)

L61QH21A

L62QH21A

WITH ARROWS

- Green (up arrow)
- Green (down arrow)

L61QH22A

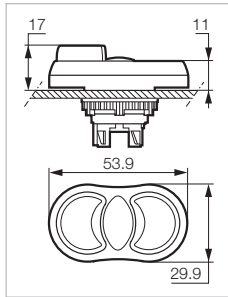
L62QH22A

FLUSH-PROJECTING

Twin touch



L61QK21



CENTRAL PART ILLUMINATED

- Green
- Red

L61QK21

L62QK21

WITH INTERNATIONAL SYMBOLS

- White
- Black

L61QK53

L62QK53

WITH TEXT

- Green (START)
- Red (STOP)

L61QK21A

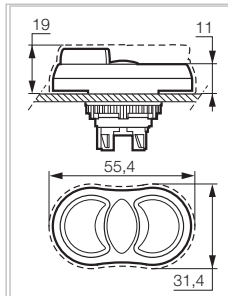
L62QK21A

FLUSH-PROJECTING WITH SHROUD

Twin touch - reinforced degree of protection: IP 67



L62QN21



CENTRAL PART ILLUMINATED WITH INTERNATIONAL SYMBOLS

- Green
- Red

L61QN21

L62QN21

WITH TEXT

- Green (START)
- Red (STOP)

L61QN21A

L62QN21A

Operator Heads: ø 22mm

► MAINTAINED - ILLUMINATED

 Technical Info (p.103)

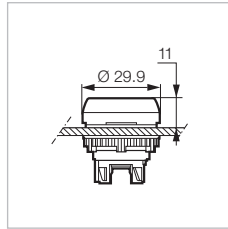
FLUSH

Chrome Bezel
Part Number

Black Bezel
Part Number



L21CH20



- Red
- Green
- Yellow
- White
- Blue

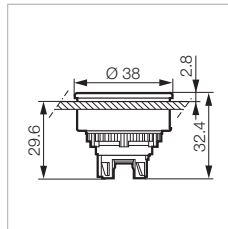
L21CH10
L21CH20
L21CH40
L21CH50
L21CH60

L22CH10
L22CH20
L22CH40
L22CH50
L22CH60

SUPER FLUSH



L23CH10



Metal chrome bezel
Panel Cut-out ø 30 mm

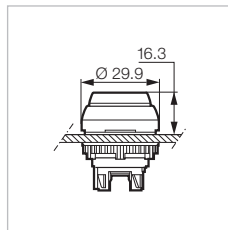
- Red
- Green
- Yellow
- White
- Blue

L23CH10
L23CH20
L23CH40
L23CH50
L23CH60

PROJECTING



L21CK20



- Red
- Green
- Yellow
- White
- Blue

L21CK10
L21CK20
L21CK40
L21CK50
L21CK60

L22CK10
L22CK20
L22CK40
L22CK50
L22CK60

Operator Heads: Ø 22MM

► MAINTAINED - ILLUMINATED

 Technical Info (p. 103)

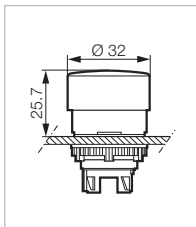
Ø 32 MUSHROOM

Push-turn to reset

Black Bezel
Part Number



L22EL10



- Red
- Green
- Yellow

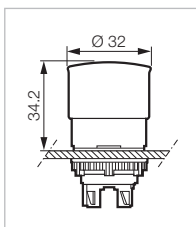
L22EL10
L22EL20
L22EL40

Ø 32 MUSHROOM

Push-pull to reset



L22DL10



- Red

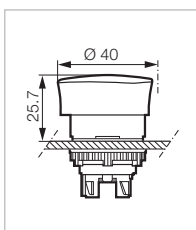
L22DL10

Ø 40 MUSHROOM

Push-turn to reset



L22EM10



- Red
- Green
- Yellow

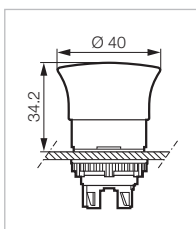
L22EM10
L22EM20
L22EM40

Ø 40 MUSHROOM

Push-pull to reset



L22DM10



- Red
- Green
- Yellow
- White

L22DM10
L22DM20
L22DM40
L22DM50

Operator Heads: $\varnothing$ 22mm

► EMERGENCY STOP MAINTAINED - ILLUMINATED



$\varnothing$ 40 EN 418 / ISO 13850

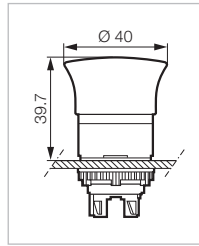
Push-pull to reset

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

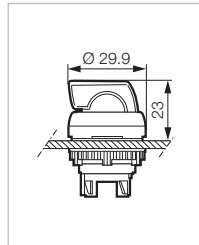
► SELECTOR SWITCHES - ILLUMINATED

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: ø 22mm

▶ SELECTOR SWITCHES - ILLUMINATED

 Technical Info (p.103)

WITH LEVER HANDLE

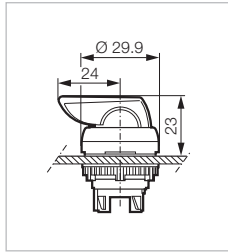
2 positions

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

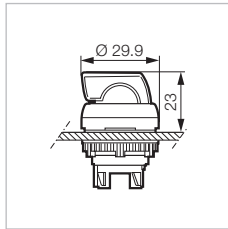
L22KY30

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: ø 22mm

▶ SELECTOR SWITCHES - ILLUMINATED

 Technical Info (p. 103)

WITH LEVER HANDLE

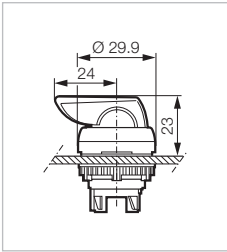
3 positions

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



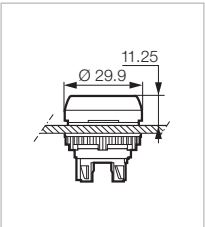
L21MP30

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: ø 22mm

► ONE-PIECE PILOT LIGHTS



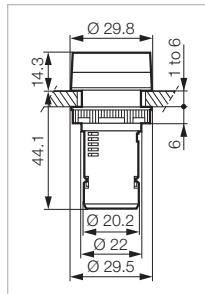
Technical Info (p. 103)

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

12 Vac/dc

- Red
- Green
- Yellow
- White
- Blue

LED012R
LED012G
LED012Y
LED012W
LED012B

24 Vac/dc

- Red
- Green
- Yellow
- White
- Blue

LED024R
LED024G
LED024Y
LED024W
LED024B

120 Vac

- Red
- Green
- Yellow
- White
- Blue

LED120R
LED120G
LED120Y
LED120W
LED120B

240Vac

- Red
- Green
- Yellow
- White
- Blue

LED230R
LED230G
LED230Y
LED230W
LED230B

Block holder clips for assembly as you require

1, 3 or 5-position clips

► CLIP

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

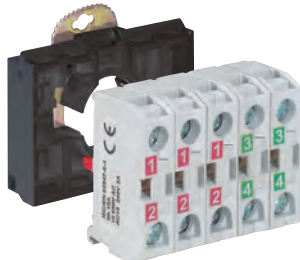
► 1 BLOCK



► 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)

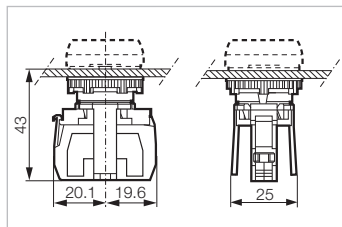
SCREW TERMINALS

1 position clip

Part Number



331E10



NO



331E10

NC



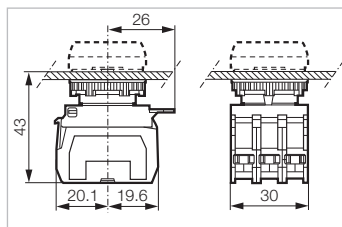
331E01

SCREW TERMINALS

3 position clip



333E21



NO



333E10

NC



333E01

2 NO

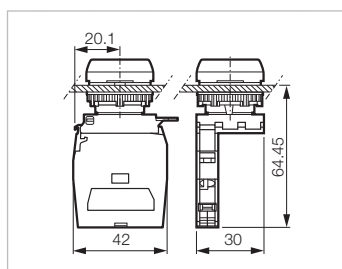


333E20

2 NC



333E02



NO + NC



333E11

3 NO



333E30

3 NC



333E03

NO/NC

2 NO + NC



333E21

NO + 2 NC



333E12

NO/NC



334E11

2 NO/NC



334E22

2 NO/NC

Separate units: Blocks sub-assemblies

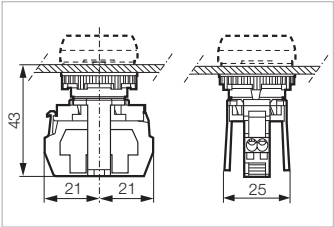
CONTACT BLOCKS - FOR NON-ILLUMINATED HEADS

Technical Info (p. 103)

PLUG-IN TERMINALS 1 position clip Part Number



331ER01



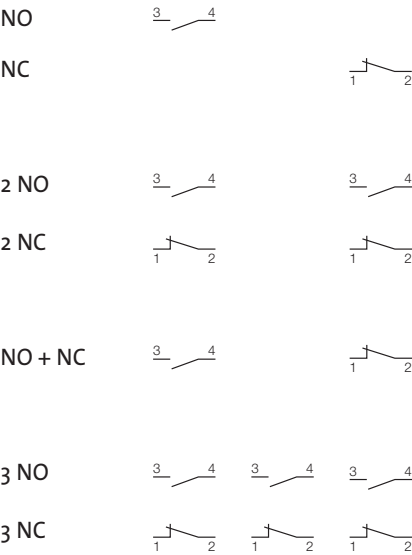
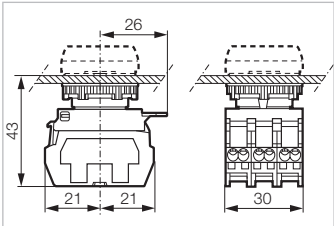
331ER10

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)

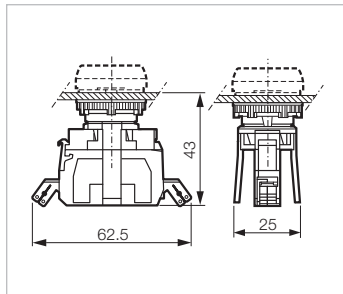
FASTON TERMINALS

1 position clip

Part Number



331ED10



NO



331ED10

NC



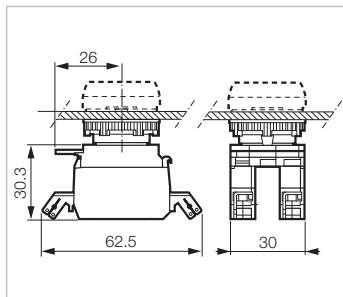
331ED01

FASTON TERMINALS

3 position clip



333ED11



NO + NC



333ED11

Separate units: Blocks sub-assemblies

CONTACT BLOCKS - FOR ILLUMINATED HEADS

Technical Info (p. 103)

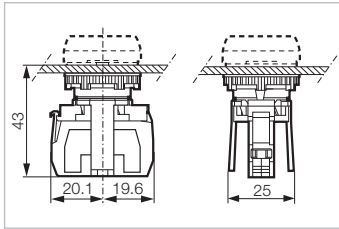
SCREW TERMINALS

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

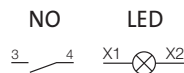
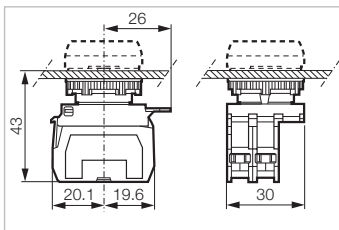
331EAWH
331EARH
331EAGH
331EABH
331EAYH

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)

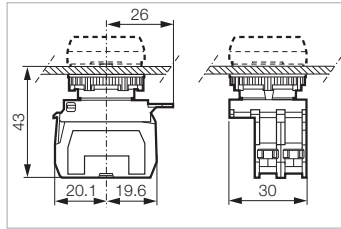
SCREW TERMINALS

3 position clip: LED block + NC

Part Number

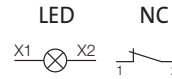


333EAWL01



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

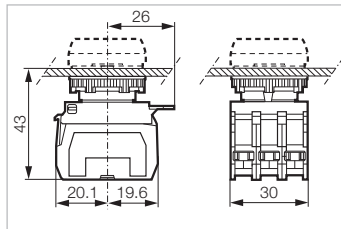
- 333EAWH01
- 333EARH01
- 333EAGH01
- 333EABH01
- 333EAYH01

SCREW TERMINALS

3 position clip: NO + LED block + NO

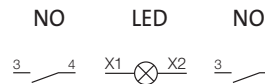


333EARL20



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)

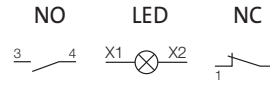
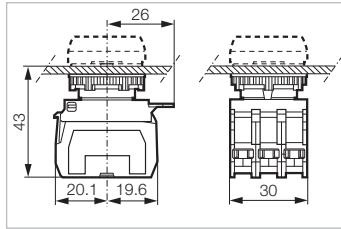
SCREW TERMINALS

3 position clip: NO + LED block + NC

Part Number



333EARL11



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

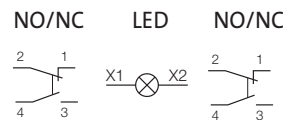
333EAWH11
333EARH11
333EAGH11
333EABH11
333EAYH11

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

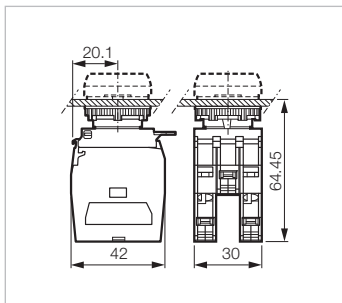
- White
- Red
- Green
- Blue
- Yellow

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)

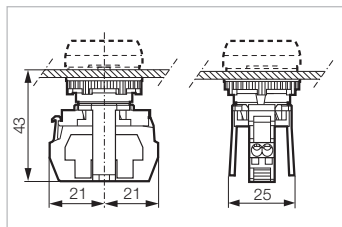
PLUG-IN TERMINALS

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

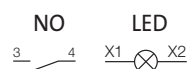
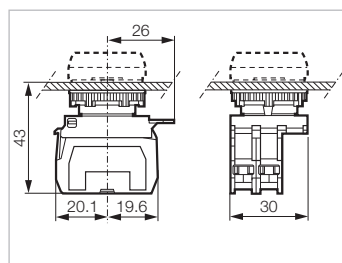
331ERAWH
331ERARH
331ERAGH
331ERABH
331ERAYH

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)

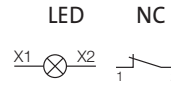
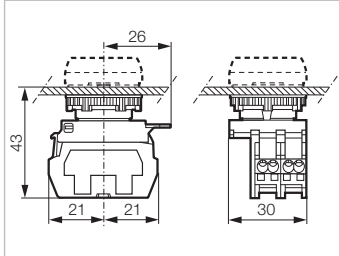
PLUG-IN TERMINALS

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

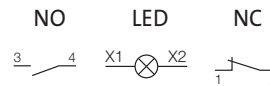
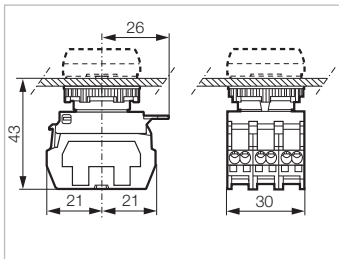
333ERAWH01
333ERARH01
333ERAGH01
333ERABH01
333ERAYH01

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)

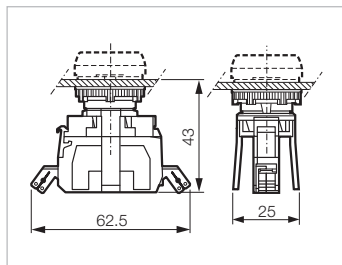
FASTON TERMINALS

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

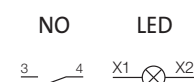
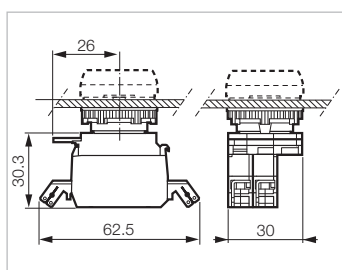
331EDAWH
331EDARH
331EDAGH
331EDABH
331EDAYH

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)

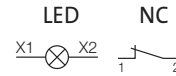
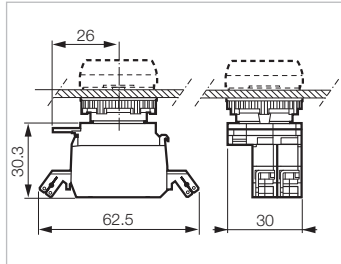
FASTON TERMINALS

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

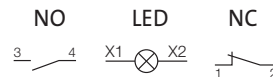
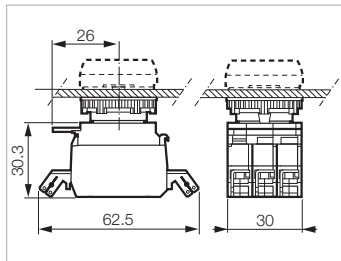
333EDAWH01
333EDARH01
333EDAGH01
333EDABH01
333EDAYH01

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



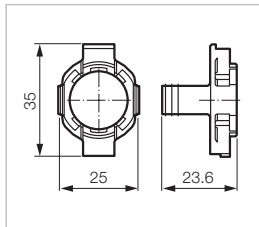
Technical Info (p. 103)

CLIPS

Part Number



331E



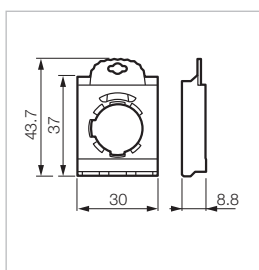
To be combined with blocks (p. 64 to 70)

1 position

331E



333E

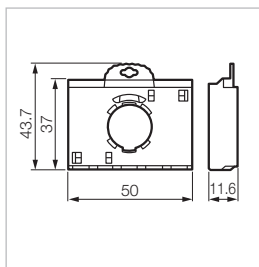


3 positions

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

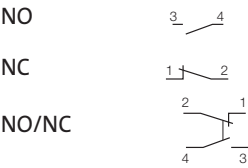
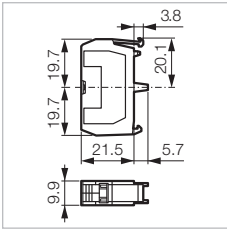
Technical Info (p.103)

SCREW TERMINALS

Part Number



33E10



33E10

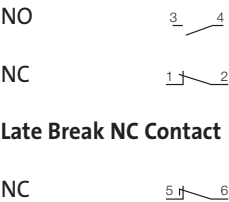
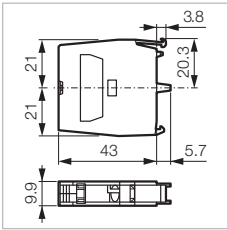
33E01

33E11

Gold plated contacts
for low current applications



33E11



33E10Y7

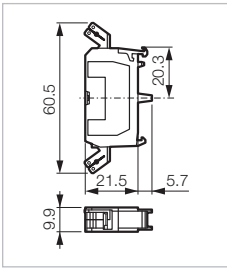
33E01Y7

33E01C

FASTON TERMINALS



33D01



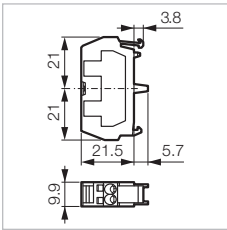
33D10

33D01

PLUG-IN TERMINALS



33R01



33R10

33R01

Separate units: Blocks

► CONTACT BLOCKS



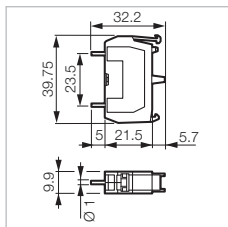
Technical Info (p. 103)

FOR PCB (PIN-STYLE TERMINALS)

Part Number



33P10



NO

33P10

NC

33P01

Gold plated contacts
for low current applications

NO

33P10Y7

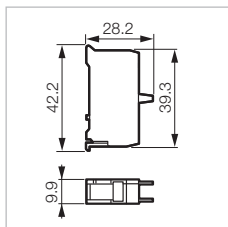
NC

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

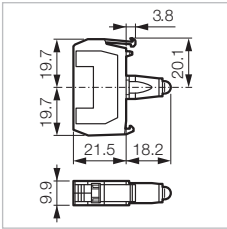
 Technical Info (p. 103)

SCREW TERMINALS

Part Number



33EARL



LED



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



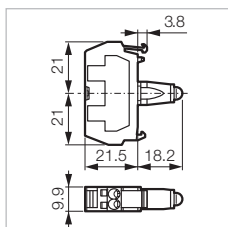
Technical Info (p.103)

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

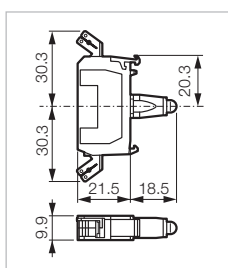
- White
- Red
- Green
- Blue
- Yellow

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



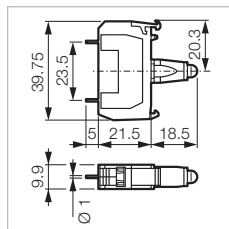
Technical Info (p. 103)

FOR PCB (PIN STYLE)

Part Number



33PAWL



12/24 V

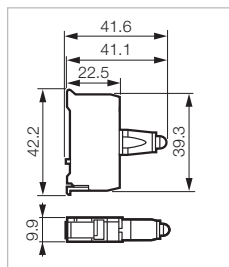
- White
- Red
- Green
- Blue
- Yellow

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



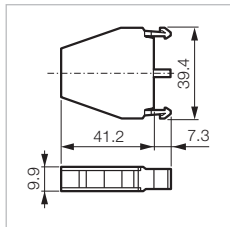
Technical Info (p.103)

FOR JOYSTICKS (SCREW TERMINALS)

Part Number



LM11



Joysticks (p. 44)

NO/NC

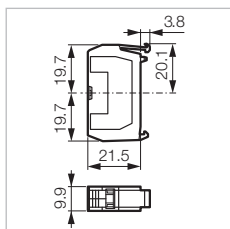


LM11

LAMP-TEST BLOCKS (SCREW TERMINALS)



33ET



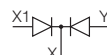
For 24 and 48 V

1 diode



33ET

2 diodes



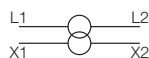
33ETT

TRANSFORMER BLOCKS (SCREW TERMINALS)

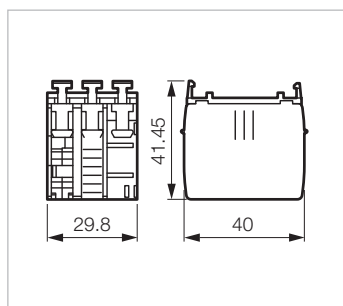


33EHC

230/24 V
400/24V



33EHC
33ELC



Separate units: Blocks

SPECIFIC BLOCKS



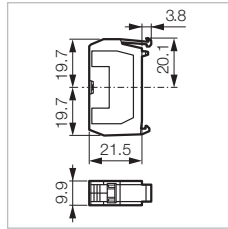
Technical Info (p. 103)

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

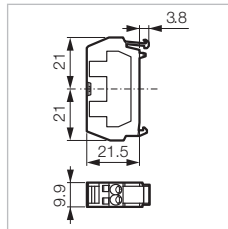


33EFM
33EFH

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

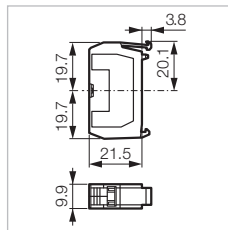


33RFM
33RFH

JUNCTION BLOCK (SCREW TERMINALS)



33EY



2 interconnected
terminals

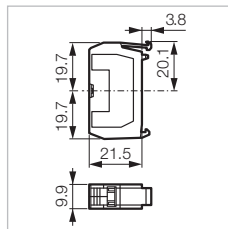


33EY

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: ø 22mm

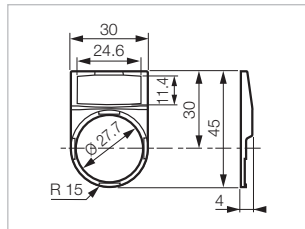
► COMPLETE LEGEND PLATES (FRAME + INSERT)

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 ...)

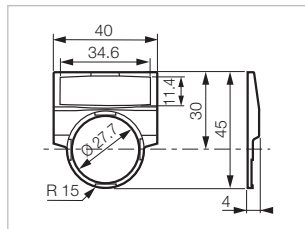
- Transparent

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|

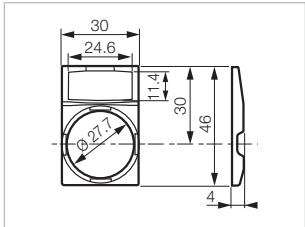
PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...)

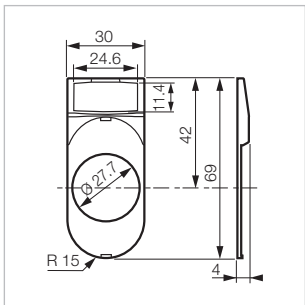
- Transparent

LWG37

Accessories: ø 22mm

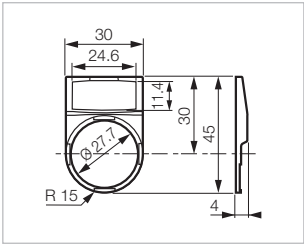
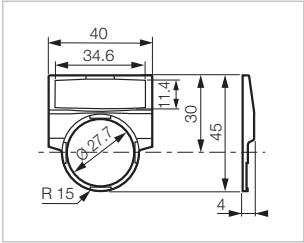
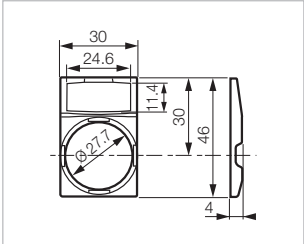
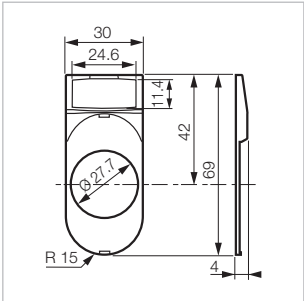
► COMPLETE LEGEND PLATES (FRAME + INSERT)

Standard model - 30 x 46 mm		Part Number
		Square shape Black frame and legend plate 2 lines maximum, 13 characters per line WITHOUT ENGRAVING ● Red ● Black ○ White ● Alu 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 PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...) ○ Transparent
LWP45		LWP41 LWP43 LWP45 LWP49 LWP41 LWP43 LWP45 LWP49 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
		PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...) ○ Transparent

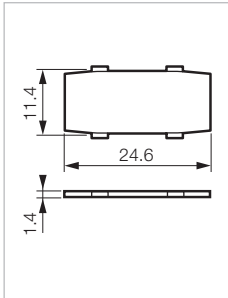
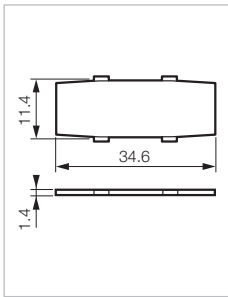
Accessories: ø 22MM

► LEGEND PLATES - FRAMES ONLY

ROUND	Standard model	Part Number
 LWP3	 For use with standard model legend plate inserts ● Black	LWP3
 LWG3	 For use with large model legend plate inserts ● Black	LWG3
 LWP4	 For use with standard model legend plate inserts ● Black	LWP4
 LWP2	 For use with standard model legend plate inserts ● Black	LWP2

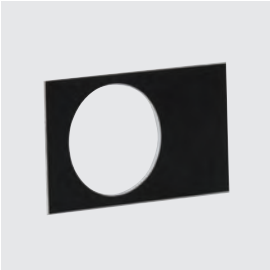
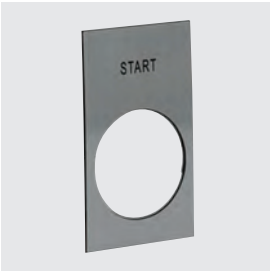
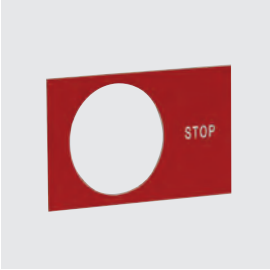
Accessories: ø 22mm

► LEGEND PLATES - INSERTS ONLY

TO BE ENGRAVED		Standard model	Part Number	
			2 lines maximum 13 characters per line For use with standard model legend plate frames	
LIA5			WITHOUT ENGRAVING ● Red ● Black ○ White ● Alu	LIA1 LIA3 LIA5 LIA9
LIA1			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	LIA1□□□ LIA3□□□ LIA5□□□ LIA9□□□
		PROTECTIVE MASK FOR LEGEND PLATE (PAPER OR OTHER ...) ○ Transparent	LIA7	
TO BE ENGRAVED		Large model		
			2 lines maximum 18 characters per line For use with large model legend plate frame	
LIB9			Without engraving ○ White ● Red ● Alu ● Black	LIB5 LIB1 LIB9 LIB3
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.	
			○ White - black engraving ● Red - white engraving ● Alu - black engraving ● Black - white engraving	LIB5□□□ LIB1□□□ LIB9□□□ LIB3□□□
		Protective mask for legend plate (paper or other ...) ○ Transparent	LIB7	

Accessories: ø 22MM

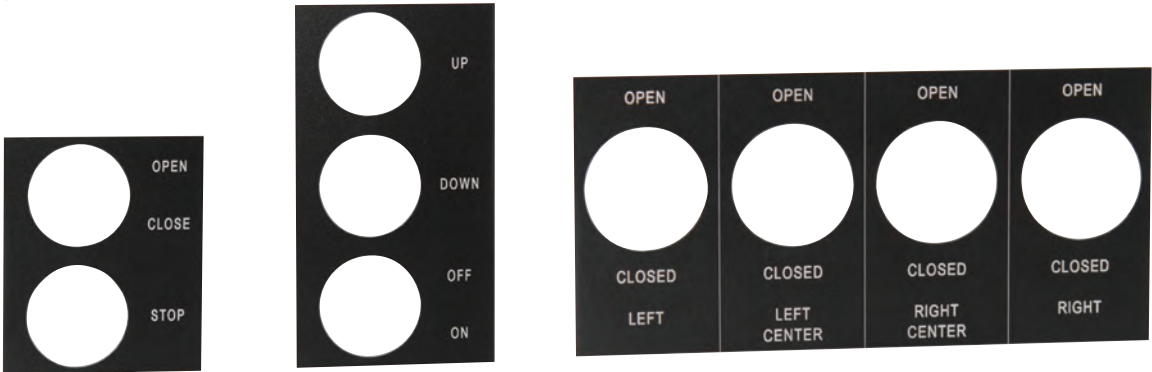
▶ LEGEND PLATES FOR LBX ENCLOSURES

INDIVIDUAL LEGEND PLATES		Part Number
	Plastic - Rectangular shape	
LWB13	WITHOUT ENGRAVING ● Red ● Black ● Yellow ○ White ● Blue ● Alu	LWB11 LWB13 LWB14 LWB15 LWB16 LWB19
	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.	
LWB19H301	● Red - white engraving ● Black - white engraving ● Yellow - black engraving ○ White - black engraving ● Blue - white engraving ● Alu - black engraving	LWBH11 _ _ _ LWBH13 _ _ _ LWBH14 _ _ _ LWBH15 _ _ _ LWBH16 _ _ _ LWBH19 _ _ _
	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.	
LWB11V302	● 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: ø 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-I	.081
I-II	.082
I-O-I	.091
I-II-III	.092
O-I-START	.093
O-I-II	.094

CUSTOM TEXT AVAILABLE
UPON REQUEST

TEXT

Code

Code

Code

AUTO	.402	EXHAUSTER	.438	IN	.476
AUTO CUT	.403	FAST	.310	IN OUT	.477
AUTO HAND	.404	FAST OFF SLOW	.439	INCH	.329
AUTO HAND OFF	.405	FAST SLOW	.440	INCH RETURN	.478
AUTO MAN	.401	FASTER	.441	INCH REV	.480
AUTO MAN OFF	.406	FAULT	.442	INCH REVERSE	.481
AUTO MANUAL	.407	FEED HOLD	.443	INCH RUN	.482
AUTO O HAND	.408	FEED OFF	.444	INCHING	.483
AUTO OFF MAN	.409	FEED ON	.445	INCREASE	.484
AUTO OFF MANUAL	.410	FEED START	.446	INSPECT	.485
AUTO RETURN	.411	FEED STOP	.447		
		FEEDER OFF	.448	JOG	.328
BLOWER	.413	FEEDER ON	.449	JOG FOR	.486
BRAKE	.414	FOR	.450	JOG FORWARD	.487
		FOR AUTO REV	.451	JOG FWD	.488
CLAMP	.415	FOR O REV	.452	JOG OFF RUN	.489
CLOSE	.314	FOR OFF REV	.453	JOG REV	.490
CLOSE CIRCUIT	.416	FOR REV	.454	JOG REVERSE	.491
CLOSE OPEN	.417	FOR STOP REV	.455	JOG RUN	.492
CONTROL OFF	.418	FORWARD	.305	JOG SAFE RUN	.493
CONTROL ON	.419	FORWARD AUTO REVERSE	.456	JOG STOP RUN	.494
CYCLE	.420	FORWARD OFF REVERSE	.392		
CYCLE ON	.421	FORWARD REVERSE	.457	LAST STOP	.495
CYCLE START	.422	FORWARD STOP REVERSE	.458	LEFT	.311
CYCLE STOP	.423	FULL SPEED	.459	LEFT RIGHT	.496
		FWD	.460	LOC REM	.497
DECREASE	.424	FWD AUTO REV	.461	LOCAL OFF REMOTE	.393
DOWN	.336	FWD O REV	.462	LOCAL REMOTE	.498
DOWN OFF UP	.425	FWD OFF REV	.463	LOW	.499
DOWN UP	.426	FWD REV	.464	LOW HIGH	.501
DRIVE START	.427	FWD STOP REV	.465	LOW OFF HIGH	.502
DRIVE STOP	.428			LOW OFF RAISE	.503
		HAND	.466	LOW SPEED	.504
EMERG STOP	.429	HAND AUTO	.383	LOWER	.308
EMERGENCY	.430	HAND I AUTO	.467	LOWER OFF RAISE	.505
EMERGENCY OFF	.431	HAND O AUTO	.468	LOWER RAISE	.506
EMERGENCY STOP	.300	HAND OFF AUTO	.391	LUBE CYCLE	.507
EMERGENCY STOP PULL TO RESET	.432	HAND ON	.469	LUBE FAIL	.508
EMERGENCY STOP TURN TO RESET	.433	HAND START	.470		
EMERGENCY STOP TWIST TO RESET	.434	HAND STOP	.471		
EMO	.900	HEAT	.472		
ENABLE	.435	HIGH	.473		
ENTER	.436	HIGH LOW	.474		
ERROR	.437	HIGH OFF LOW	.475		

Engravings

► STANDARD TEXT

TEXT	Code	Code	Code
MAN AUTO	.509	REV FWD	.552
MAN O AUTO	.510	REV OFF FOR	.553
MAN OFF AUTO	.511	REV OFF FWD	.554
MANUAL	.512	REVERSE	.306
MANUAL AUTO	.513	REVERSE FORWARD	.555
MANUAL OFF AUTO	.514	REVERSE OFF FORWARD	.556
MOTOR RUN	.515	REVERSING	.557
MOTOR RUNNING	.516	RIGHT	.312
MOTOR START	.517	RIGHT LEFT	.558
MOTOR STOP	.518	ROTATE CCW	.559
MOTOR STOPPED	.519	ROTATE CW	.560
OFF	.304	RUN	.327
OFF CIRCUIT	.520	RUN JOG	.561
OFF COOLANT ON	.521	RUN SAFE JOG	.562
OFF LIGHT ON	.522	RUNNING	.563
OFF ON	.382	SAFE	.564
OFF RUN START	.523	SAFE RUN	.565
ON	.303	SEQ TEST	.566
ON CIRCUIT	.524	SEQUENCE TEST	.567
ON OFF	.525	SETUP	.568
ON OFF AUTO	.526	SETUP RUN	.569
ON STOP SAFE	.527	SETUP SERVICE	.570
OPEN	.313	SLOW	.309
OPEN CIRCUIT	.528	SLOW FAST	.571
OPEN CLOSE	.529	SLOW OFF FAST	.572
OPEN OFF CLOSE	.530	SLOW OFF START	.573
OUT	.531	SLOW SPEED	.574
OVERLOAD	.532	SLOW STOP FAST	.575
OVERLOAD RESET	.533	SLOWEST	.576
OVERLOAD TRIP	.534	SOFT SPEED	.577
OVERLOAD TRIPPED	.535	SOUND ALARM	.578
POWER OFF	.536	SPEED	.579
POWER ON	.330	SPINDLE CLOSED	.580
PULL TO RESET	.537	SPINDLE OPEN	.581
PULL TO START	.538	START	.301
PURGE	.539	START CYCLE	.582
PUSH TO STOP	.540	START FEED	.583
PUSH TO STOP PULL TO START	.541	START JOG	.584
PUSH TO STOP TURN TO START	.542	START STOP	.585
PUSH TO STOP TWIST TO START	.543	STOP	.302
PUSH TO TEST	.544	STOP CYCLE	.586
RAISE	.307	STOP FEED	.587
RAISE LOWER	.545	STOP RESET	.588
RAISE OFF LOWER	.546	STOP START	.381
READY	.547	SUMMER OFF WINTER	.589
RELEASE BRAKE	.548	SUMMER WINTER	.590
RESET	.315	SUPPLY ON	.591
RETURN	.549	SYSTEM ON	.592
REV	.550	TEST	.593
REV FOR	.551	TRANSFER	.594
		TRIP	.595
		UNCLAMP	.596
		UP	.335
		UP DOWN	.597
		UP OFF DOWN	.598
		WARNING	.599
		CUSTOM TEXT AVAILABLE UPON REQUEST	

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
	Lubrification 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: ø 22MM

► FLUSH PUSHBUTTON CAPS

NON ILLUMINATED

Part Number



LT05

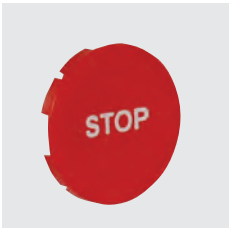
For use with **L21AA, L22AA, L21CA, and L22CA** operators

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

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



LT20



LT34308

Accessories: ø 22mm

► SHROUDS - REINFORCED DEGREE OF PROTECTION: IP 67

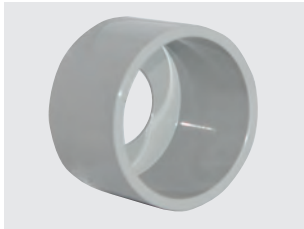
FOR FLUSH PUSH-BUTTONS	Flat Shroud	Part Number
 LWA0252	○ Transparent	LWA0255
	● Red	LWA0251
	● Green	LWA0252
	● Black	LWA0253
FOR FLUSH OR PROJECTED PUSH-BUTTONS	Domed Shroud	
 LWA0203	○ Transparent	LWA0228
	● Red	LWA0203
	● Green	LWA0204
	● Black	LWA0205
FOR TWIN TOUCH OR TRIPLE TOUCH OPERATORS		
 LWA0223	For twin touch flush-projecting or triple touch ○ Transparent	LWA0223

Accessories: ø 22mm

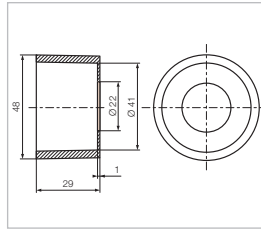
MISCELLANEOUS

GUARD

Part Number



LWA0225

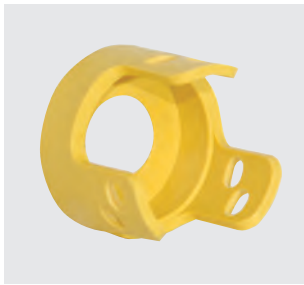


For spring return button and spring return mushroom head (max. ø 40)

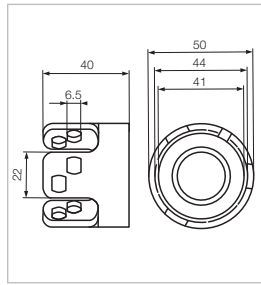
● Grey

LWA0225

PADLOCKABLE GUARD



LWA0240



For maintained mushroom head

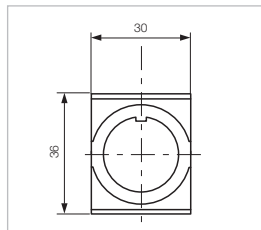
● Yellow

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: ø 22mm

► MISCELLANEOUS

ANTI-ROTATION CLAW PLATE

Part Number



LWA0237

Metal claw plate

LWA0237

ANTI-ROTATION RING



LWA0209

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



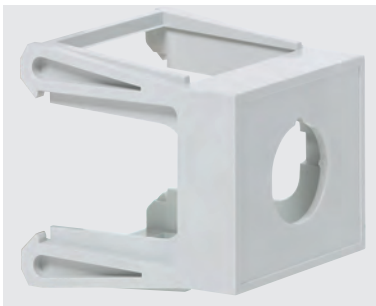
LWA0219

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

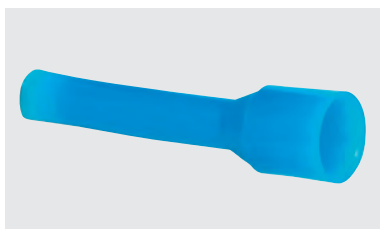


04006305

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

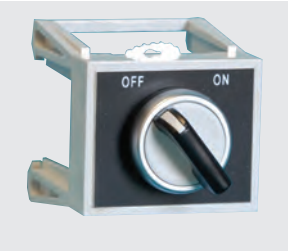


LWA0238-101

● Green	NO	
● Red	NC	

Marking	Part Number
START	LWA0238-101
STOP	LWA0238-104

SELECTOR SWITCH - WITH HANDLE



LWA0238-401

● Black	NO	
---------	----	--

Marking	Part Number
OFF ON	LWA0238-401

SELECTOR SWITCH - WITH KEY



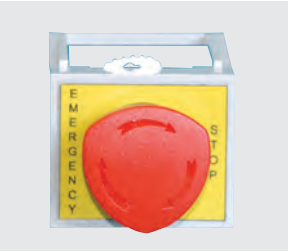
LWA0238-402

● Black	NO	
---------	----	--

Marking	Part Number
OFF ON	LWA0238-402

MUSHROOM HEAD ø 40 - MAINTAINED

Push-turn to reset



LWA0238-301

● Red	NC	
-------	----	--

Marking	Part Number
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 ø 22

► CONTROL STATIONS - NON-ILLUMINATED

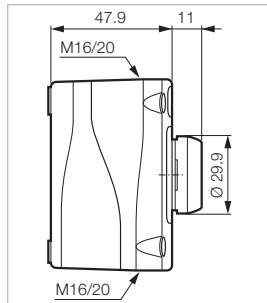
 Technical Info (p. 103)

SPRING RETURN - FLUSH

Part Number



LBX10110



● Green
● Red

NO
NC



Marking



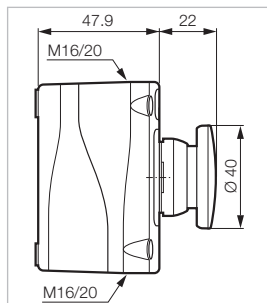
LBX10110

LBX10610

MUSHROOM HEAD ø 40 - SPRING RETURN

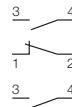


LBX10210



● Green
● Red
● Red

NO
NC
NO



Marking



LBX107210

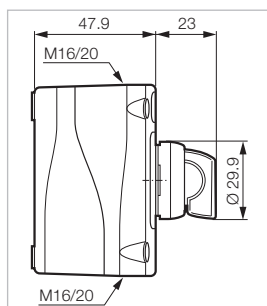
LBX10210

LBX130028

SELECTOR SWITCH - WITH HANDLE



LBX12510



2 Maintained positions - 90°

● Black

NO



Marking

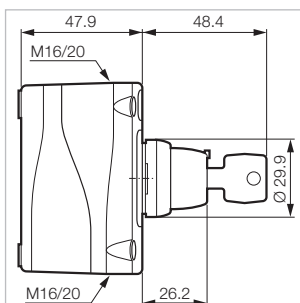


LBX12510

SELECTOR SWITCH - WITH KEY



LBX12610



Supplied with 2 keys profile n° 455

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

● Black

NO



Marking



LBX12610

Control Stations ø 22

► CONTROL STATIONS - NON-ILLUMINATED



Technical Info (p.103)

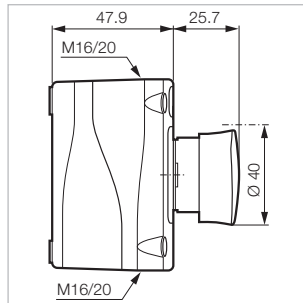
MUSHROOM HEAD Ø 40 - MAINTAINED

Push-turn to reset

Part Number

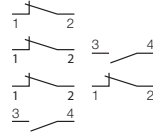


LBX10510



- Red
- Red
- Red
- Red

NC
NC + NO
2 NC
NO



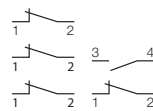
EMERGENCY STOP
EMERGENCY STOP
EMERGENCY STOP
EMERGENCY STOP

LBX10510
LBX130006
LBX130005
LBX130007

WITH STOP STOP STOP TEXT ON BUTTON HEAD

- Red
- Red
- Red

NC
NC + NO
2 NC



EMERGENCY STOP
EMERGENCY STOP
EMERGENCY STOP

LBX10510S
LBX130010
LBX130009

For contact blocks attached to operator please contact us.



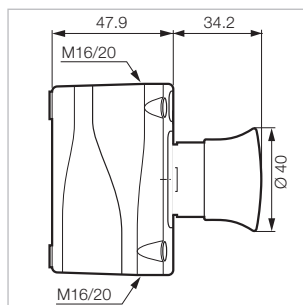
LBX130009

MUSHROOM HEAD Ø 40 - MAINTAINED

Push-pull to reset

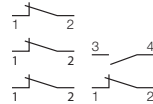


LBX101910



- Red
- Red
- Red

NC
NC + NO
2 NC



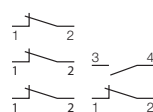
EMERGENCY STOP
EMERGENCY STOP
EMERGENCY STOP

LBX101910
LBX130004
LBX130003

WITH STOP STOP STOP TEXT ON BUTTON HEAD

- Red
- Red
- Red

NC
NC + NO
2 NC



EMERGENCY STOP
EMERGENCY STOP
EMERGENCY STOP

LBX101910S
LBX130074
LBX130075

For contact blocks attached to operator please contact us.



LBX101910S

Control Stations ø 22

► CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p. 103)

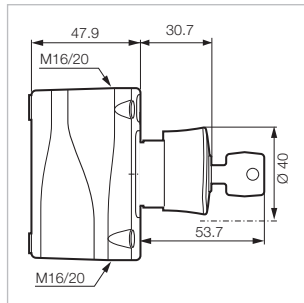
MUSHROOM HEAD ø 40 - MAINTAINED

Key to reset

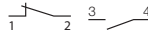
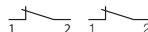
Part Number



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

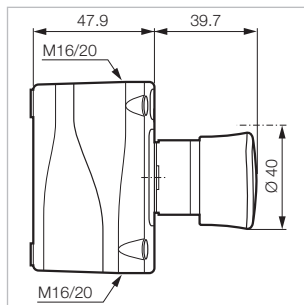
For contact blocks attached to operator please contact us.

MUSHROOM HEAD ø 40 EN 418 / ISO 13850

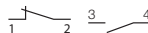
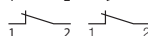
Push-turn to reset



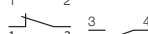
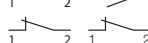
LBX17301



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	LBX130066

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



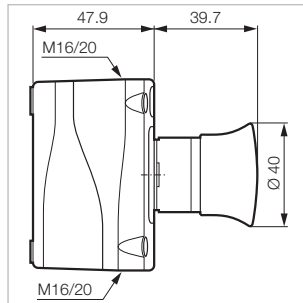
Technical Info (p. 103)

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.

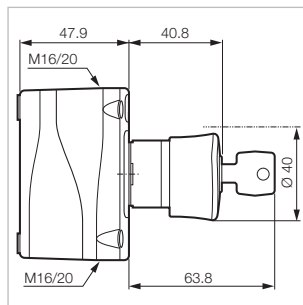
MUSHROOM HEAD ø 40 EN 418 / ISO 13850

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.

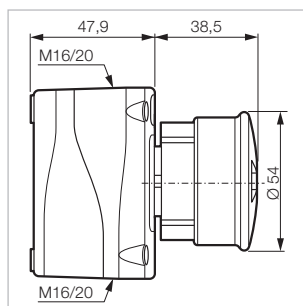
MUSHROOM HEAD ø 54 EN 418 / ISO 13850

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 ø 22

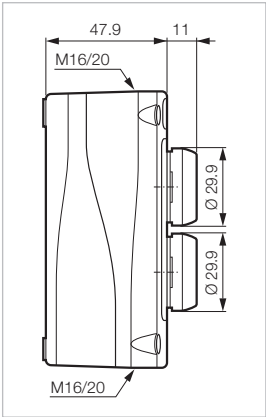
▶ CONTROL STATIONS - NON-ILLUMINATED

 Technical Info (p. 103)

SPRING RETURN - FLUSH



LBX20120



● Green
● Red

NO
NC



Marking



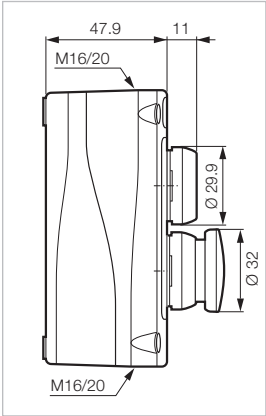
LBX20120

SPRING RETURN - FLUSH/MUSHROOM

Marking



LBX210660



● Green
● Red

NO
NC



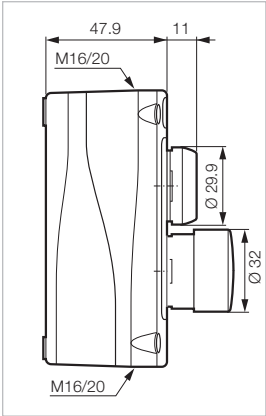
LBX210660

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

Marking



LBX210770



● Green
● Red

NO
NC



LBX210770

Control Stations ø 22

► CONTROL STATIONS - NON-ILLUMINATED



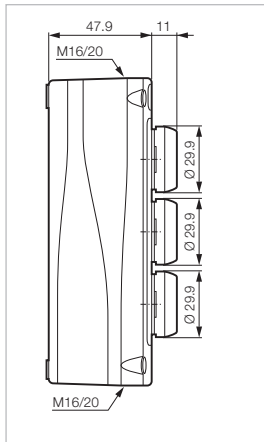
Technical Info (p. 103)

SPRING RETURN - FLUSH

Part Number



LBX323870



● Red
 ● Green
 ● Red

24VAC/DC Pilot Light
 NO
 NC

3 4
 1 2

Marking



LBX30008

Marking

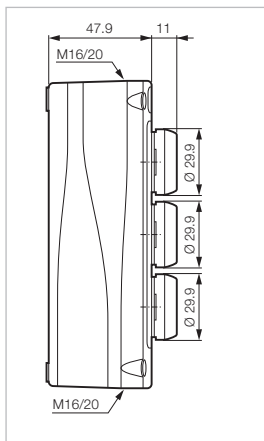


LBX323870

SPRING RETURN - FLUSH



LBX30430



● Green
 ● Red
 ● Green

NO
 NC
 NO

3 4
 1 2
 3 4

Marking

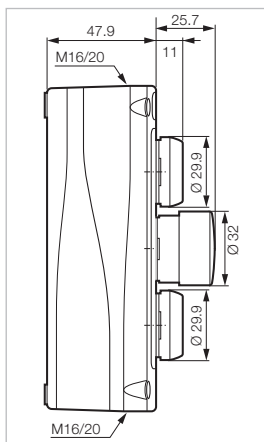


LBX30430

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



LBX308830



● Green
 ● Red
 ● Green

NO
 NC
 NO

3 4
 1 2
 3 4

Marking



LBX308830

Control Stations ø 22

► EMPTY ENCLOSURES



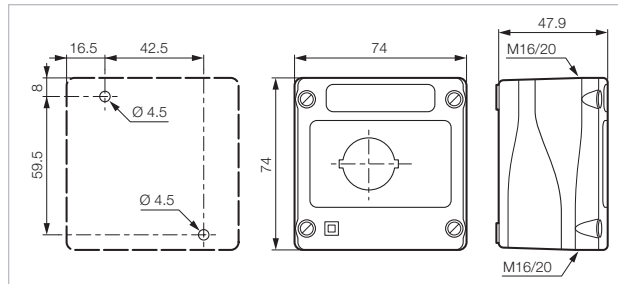
Technical Info (p. 103)

1 HOLE

Part Number



LBX0100J



Black base

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

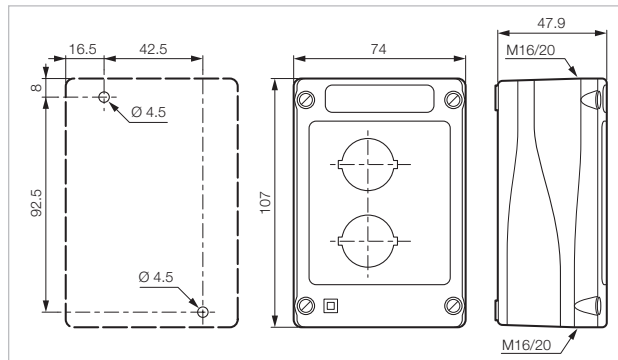
LBX0100
LBX0100J
LBX0100JB
LBX0100NR

* WITH 'EMERGENCY STOP' TEXT

2 HOLES



LBX0200



Black base

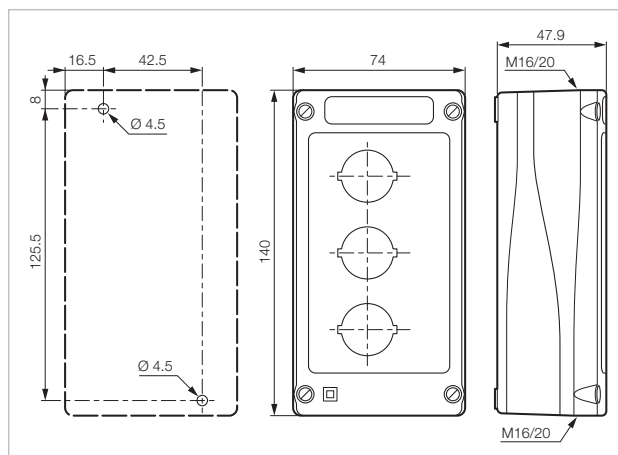
- Grey cover
- Yellow cover

LBX0200
LBX0200J

3 HOLES



LBX0300



Black base

- Grey cover

LBX0300

Control Stations ø 22

► EMPTY ENCLOSURES



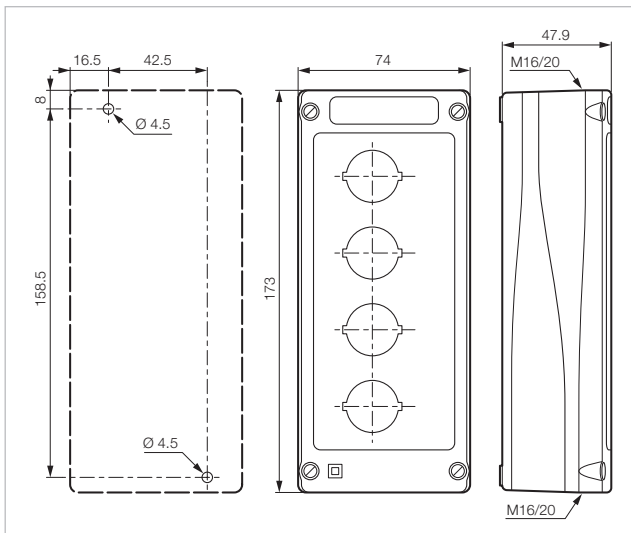
Technical Info (p. 103)

4 HOLES

Part Number



LBX0400



Black base

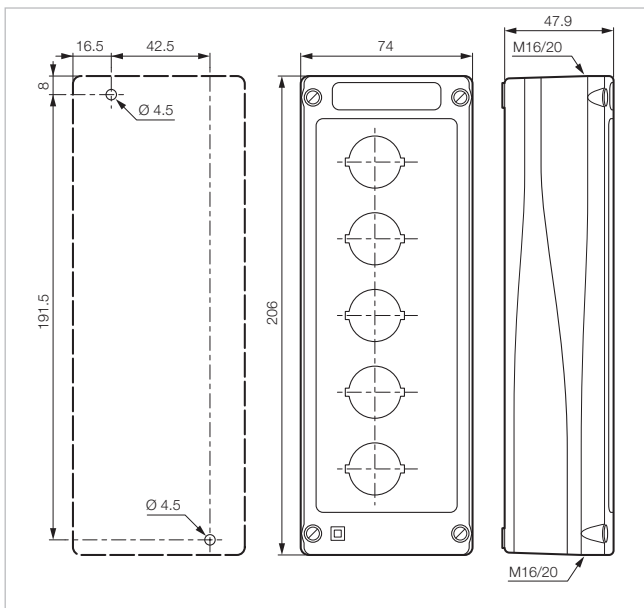
● Grey cover

LBX0400

5 HOLES



LBX0500



Black base

● Grey cover

LBX0500

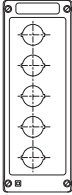
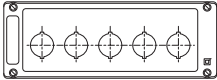
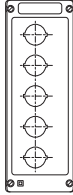
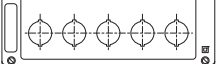
CABLE GLAND FOR LBX ENCLOSURES



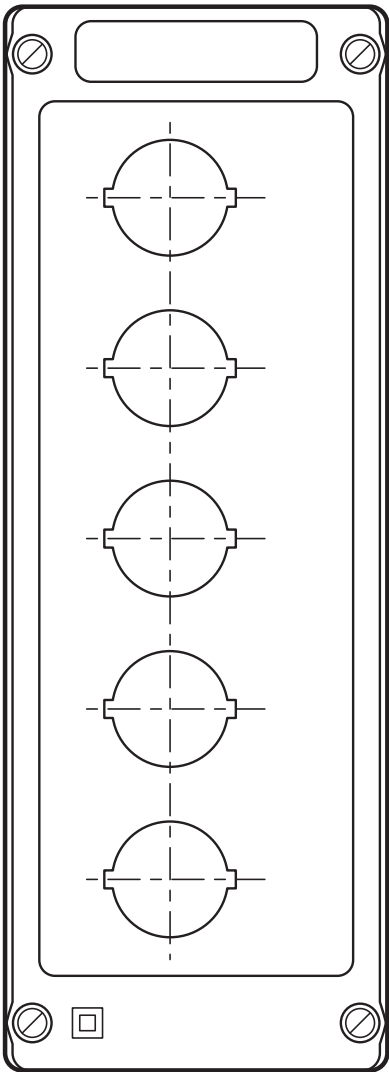
M20-BK

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

SPECIAL REQUEST FORM

MOUNTING NUMBER OF HOLES	CABLE GLAND	COMMENTS
 circle number of holes 1 2 3 4 5  Vertical Horizontal	☐ Top  Vertical ☐ Bottom ☐ Left  Horizontal ☐ Right	

DUTY LABEL MARKING (contact us for details)	BLOCKS	SWITCHES	LEGEND PLATES	ENCLOSURE MARKING
--	--------	----------	------------------	----------------------



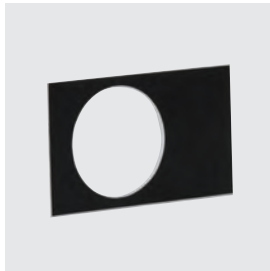
Enter contact block part number in each mounting position. LED modules must be in position 3.	Enter switch part number for each position. For text or symbol on the switch head enter text or symbol code.	Enter legend plate part number for each position. See page 101 for available legend plates. For text 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

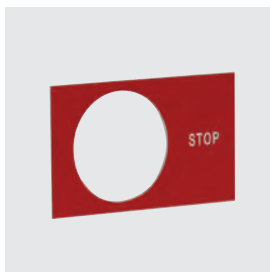
WITH TEXT (see p. 80 to 83) FOR HORIZONTAL MOUNTING

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.

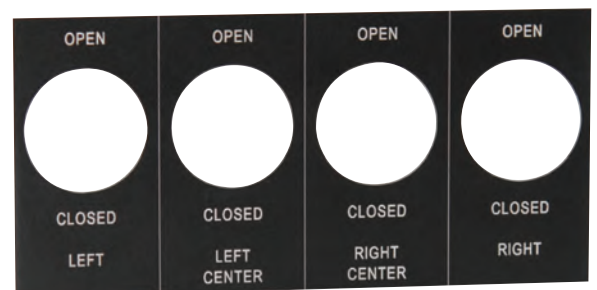
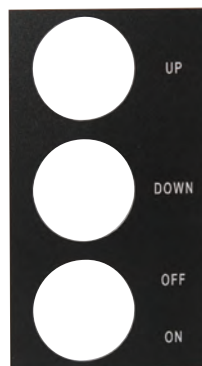
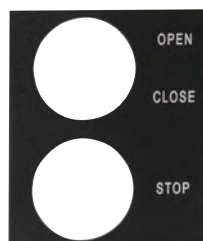
- Red - white engraving
- Black - white engraving
- Yellow - black engraving
- White - black engraving
- Blue - white engraving
- Alu - black engraving

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

MULTI HOLE LEGEND PLATES

SINGLE PIECE MULTI-HOLE
LEGEND PLATES ARE AVAILABLE

CONTACT US FOR DETAILS.

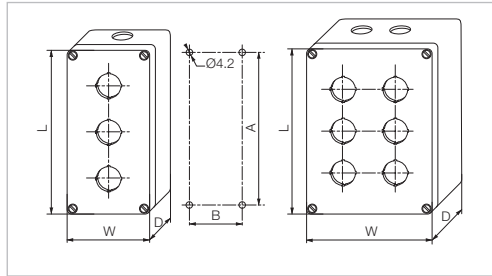


Control Stations ø 22

► 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

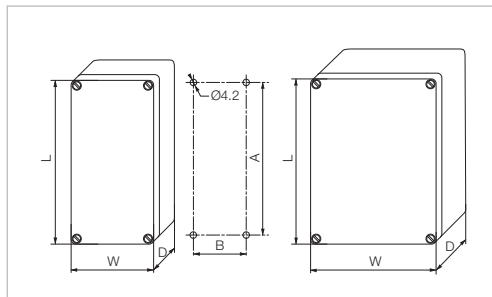
► EMPTY POLYCARBONATE ENCLOSURES



BNT208



BNT251



	Dimensions (mm)					Part Number
	L	W	D	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 Uimp Pollution degree	6kV 3																																												
▶ Conventional thermal current in free air conditions	AC15: 10 A DC13: 2.5 A		IEC 60947-5-1																																										
▶ Electrical ratings	Alternating current AC15 - A 600 Ue = 120 V, Ie = 6 A Ue = 240 V, Ie = 3 A Ue = 380 V, Ie = 1.9 A Ue = 480 V, Ie = 1.5 A Ue = 500 V, Ie = 1.4 A Ue = 600 V, Ie = 1.2 A Minimum operating current - standard blocks Ue = 24 V DC and Ie = 5 mA Failure rate < 10⁻⁸ UL508 Alternating Current 50/60Hz - A600 Continuous Current - 10 amps Rated Voltage - 600Vac Direct current DC13 - Q 600 Ue = 125 V, Ie = 0.55 A Ue = 250 V, Ie = 0.27 A Ue = 400 V, Ie = 0.15 A Ue = 500 V, Ie = 0.13 A Ue = 600 V, Ie = 0.1 A - gold plated contacts Ue = 5 V DC and Ie = 1 mA Failure rate < 10⁻⁸ <table><tr><th></th><th>Max. Amps Make</th><th>Max. Amps Break</th><th></th><th>Max. Amps Make</th><th>Max. Amps Break</th></tr><tr><td>Voltage</td><td></td><td></td><td>Voltage</td><td></td><td></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><tr><td>480</td><td>15</td><td>1.5</td><td>301-600</td><td>0.10</td><td>0.10</td></tr><tr><td>600</td><td>12</td><td>1.2</td><td></td><td></td><td></td></tr></table>			Max. Amps Make	Max. Amps Break		Max. Amps Make	Max. Amps Break	Voltage			Voltage			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	480	15	1.5	301-600	0.10	0.10	600	12	1.2				IEC 60947-5-1
	Max. Amps Make	Max. Amps Break		Max. Amps Make	Max. Amps Break																																								
Voltage			Voltage																																										
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																																								
480	15	1.5	301-600	0.10	0.10																																								
600	12	1.2																																											
▶ Electrical operating life	1 million cycles for: - AC15 - B 300 Ue = 120 V, Ie = 3 A Ue = 240 V, Ie = 1.5 A - DC13 - R 300 Ue = 125 V, Ie = 0.22 A Ue = 250 V, Ie = 0.1 A																																												
▶ 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	Alternating current AC15 - A 300 Ue = 120 V, Ie = 6 A Ue = 240 V, Ie = 3 A Minimum current of use Ue = 24 V DC and Ie = 5 mA Failure rate < 10⁻⁸ UL508 Alternating Current 50/60Hz - A300 Continuous Current - 10 amps Rated Voltage - 300Vac Direct current DC13 - Q 300 Ue = 125 V, Ie = 0.55 A Ue = 250 V, Ie = 0.27 A Direct Current - Q300 Continuous Current - 2.5 amps Rated Voltage - 300Vdc <table><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>			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
	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																												
▶ Electrical operating life	1 million cycles for: - AC15 - B 300 Ue = 120 V, Ie = 3 A Ue = 240 V, Ie = 1.5 A - DC13 - R 300 Ue = 125 V, Ie = 0.22 A Ue = 250 V, Ie = 0.1 A																																
▶ 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	Alternating current AC 15 - B 300 Ue = 120 V, Ie = 3 A Ue = 240 V, Ie = 1.5 A	Direct current DC13 - R 300 Ue = 125 V, Ie = 0.22 A Ue = 250 V, Ie = 0.1 A	IEC 60947-5-1 IEC 60947-5-4																							
	Minimum current of use - standard blocks Ue = 24 V DC and Ie = 5 mA Failure rate < 10 ⁻⁸		- golden contacts Ue = 5 V DC and Ie = 1 mA Failure rate < 10 ⁻⁸																							
	UL508																									
	Alternating Current 50/60Hz - B300 Continuous Current - 5 amps Rated Voltage - 300Vac		Direct Current - R300 Continuous Current - 1 amp Rated Voltage - 300Vdc																							
	<table><thead><tr><th>Voltage</th><th>Max. Amps Make</th><th>Max. Amps Break</th></tr></thead><tbody><tr><td>72</td><td>30</td><td>5.0</td></tr><tr><td>120</td><td>30</td><td>3.0</td></tr><tr><td>240</td><td>15</td><td>1.5</td></tr></tbody></table>	Voltage	Max. Amps Make	Max. Amps Break	72	30	5.0	120	30	3.0	240	15	1.5	<table><thead><tr><th>Voltage</th><th>Max. Amps Make</th><th>Max. Amps Break</th></tr></thead><tbody><tr><td>24</td><td>1.0</td><td>1.0</td></tr><tr><td>125</td><td>0.22</td><td>0.22</td></tr><tr><td>250</td><td>0.11</td><td>0.11</td></tr></tbody></table>	Voltage	Max. Amps Make	Max. Amps Break	24	1.0	1.0	125	0.22	0.22	250	0.11	0.11
Voltage	Max. Amps Make	Max. Amps Break																								
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Voltage	Max. Amps Make	Max. Amps Break																								
24	1.0	1.0																								
125	0.22	0.22																								
250	0.11	0.11																								
▶ Electrical operating life	1 million cycles for: - AC15 - B 300 Ue = 120 V, Ie = 3 A Ue = 240 V, Ie = 1.5 A		- DC13 - R 300 Ue = 125 V, Ie = 0.22 A Ue = 250 V, Ie = 0.1 A																							
▶ Pin diameter	ø 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%	

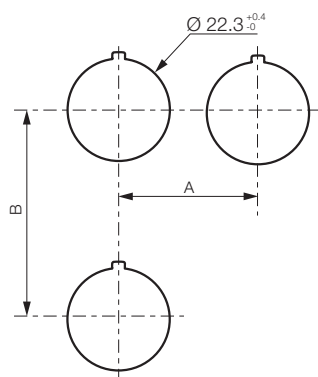
▶ ONE PIECE PILOT LIGHT BA9S

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

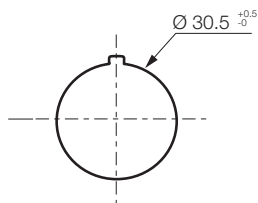


For heads equipped with electrical blocks with screw or plug-in terminals

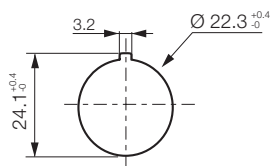
Minimum interval (mm)

	= 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

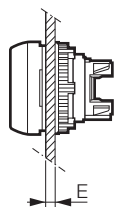


DRILLING WHEN USING THE ANTI-ROTATION RING (OPTIONAL)



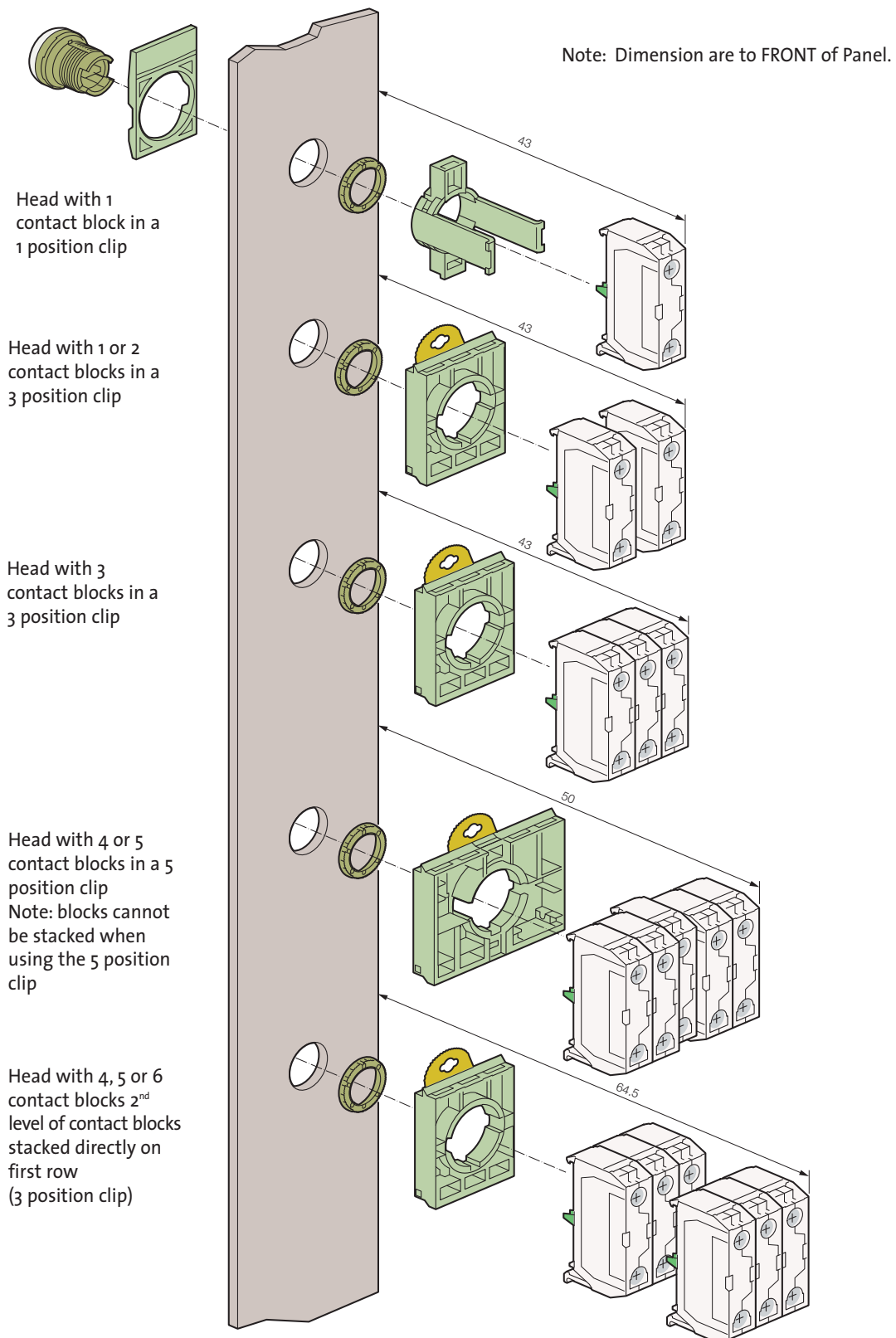
THICKNESS OF PANEL (E)

E = 1 to 6 mm



Technical Specifications

NON-ILLUMINATED



Technical Specifications

ILLUMINATED

