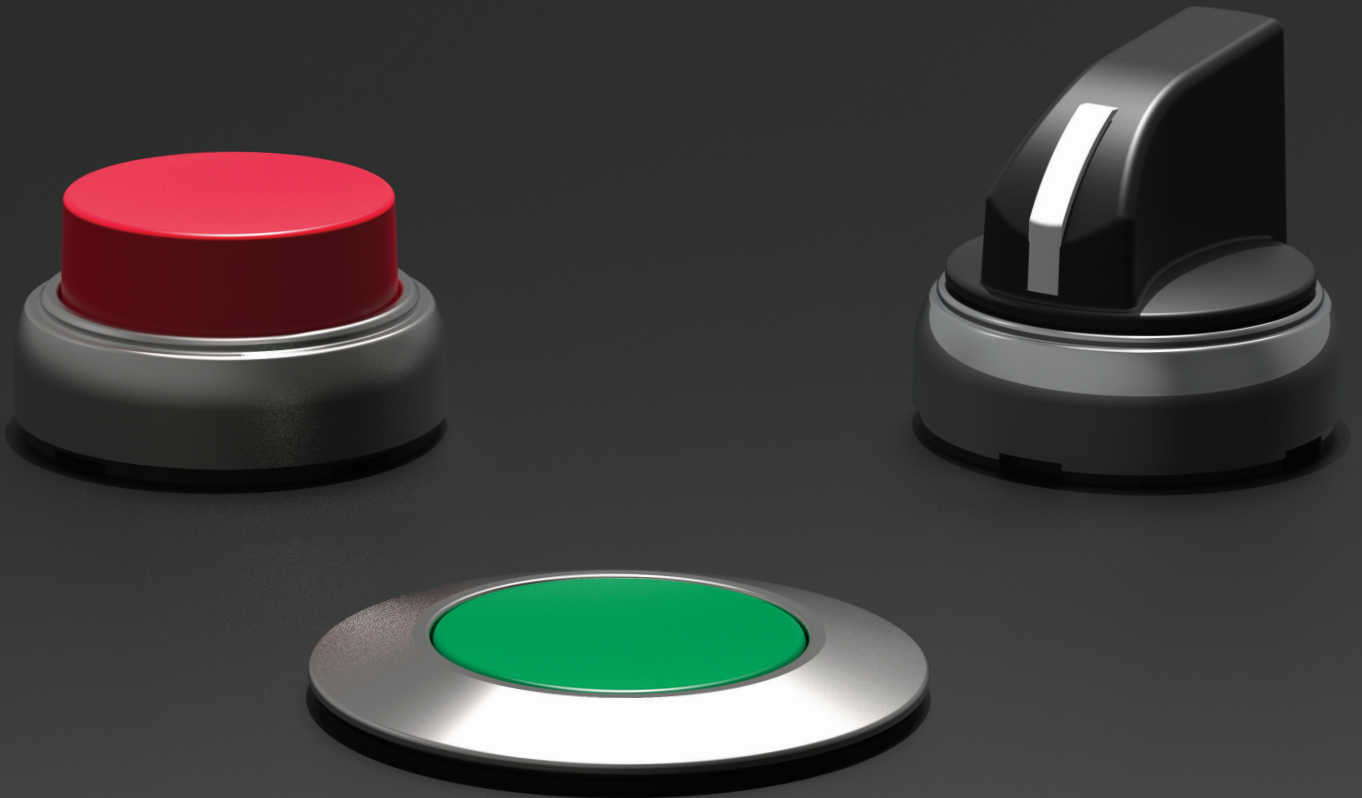
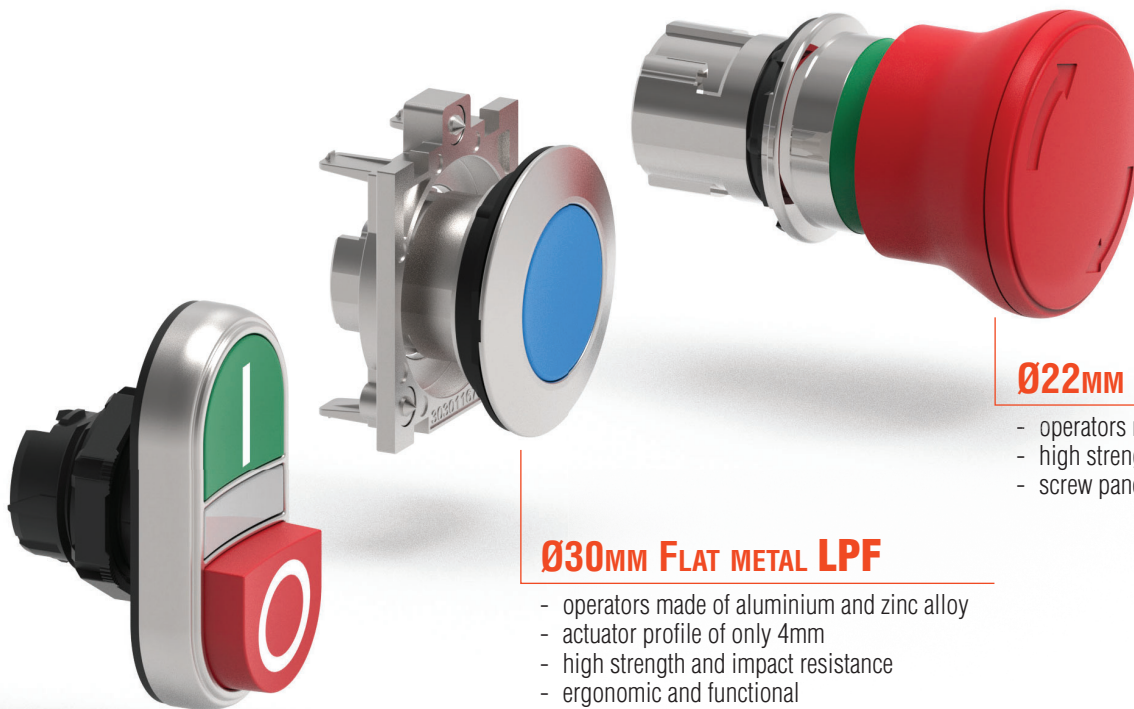


# PUSHBUTTONS AND SELECTORS



# IT'S TIME FOR **PL**atinum



## Ø22mm METAL LPS

- operators made of aluminium and zinc alloy
- high strength and impact resistance
- screw panel fixing.

## Ø30mm FLAT METAL LPF

- operators made of aluminium and zinc alloy
- actuator profile of only 4mm
- high strength and impact resistance
- ergonomic and functional
- screw panel fixing.

## Ø22mm CHROMED PLASTIC LPC

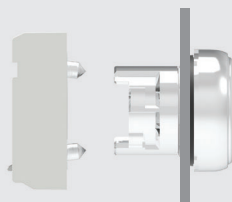
- operators made of polyamide with external chrome ring
- snap-on fast installation of the mounting base and contact elements
- panel fixing by threaded ring.

### ■ QUICK AND EASY ACTUATOR INSTALLATION

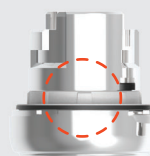
#### LPS

Ø22mm METAL

- The operator **fits** into the Ø22mm panel hole with an adapter that retains it securely by two **screws**.



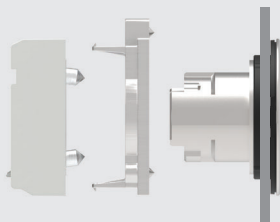
- The operator has a **seal** with **rubber grommets** which ensure stable fitting.



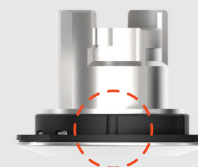
#### LPF

Ø30mm FLAT METAL

- The operator **fits** into the Ø30mm panel hole with an adapter that retains it securely by two **screws**.



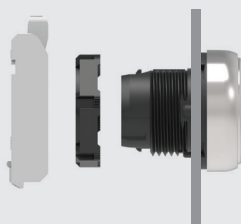
- The operator has a **seal** with **rubber grommets** which ensure stable fitting.



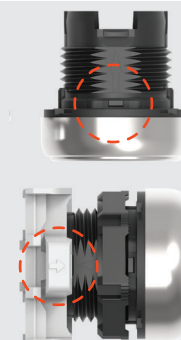
#### LPC

Ø22mm CHROMED PLASTIC

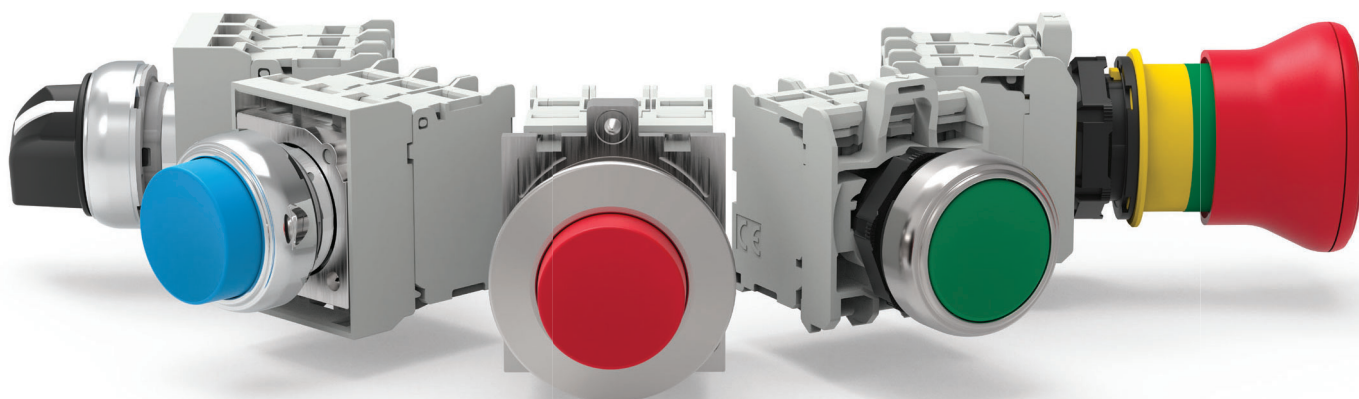
- The operator mounts to the Ø22mm panel hole with a **threaded ring**. The mounting adapter **snaps** onto the back of the operator itself.



- The operator has a **seal** with **rubber grommets** to ensure stable fitting.
- The anti-rotation lug on the operator collapses into the seal to enable installation even to round holes without an anti-rotation notch.
- The mounting adapter and operators have **clearly visible reference marks** to facilitate snapping the operators onto the base.







### HIGH DEGREE OF PROTECTION: IP66, IP67 AND IP69K

The actuators have been tested to guarantee a degree of protection per IEC/EN IP66, IP67, IP69K and per UL Type 4X, appropriate for use even in extreme ambient conditions.

### ELEGANT STYLE AND ERGONOMIC DESIGN

All the series elements have an ergonomic design and, at the same time, particular care has been given to the finest detail aesthetics.

### LONG ACTUATOR MECHANICAL LIFE

High performance characteristics assure 5,000,000 cycle mechanical life for spring return actuators, 1,000,000 for double and triple touch units and 300,000 for emergency-stop types.

### MATERIALS RESISTANT TO OILS, SOLVENTS AND HYDROCARBONS

### CUSTOMIZATION

To facilitate warehouse management, it is possible to purchase spring return or push-push button actuators without caps or lenses and at the same time caps and lenses as spare parts. This allows for custom buttons to be completed from stock.

### HIGH STANDARDIZATION

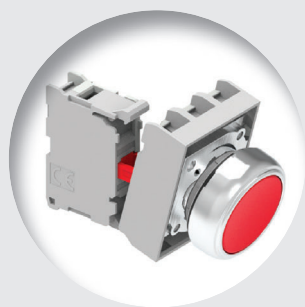
Contact elements, LED light elements and a wide range of accessories are common to all types of the series.

### USAGE AT EXTREME TEMPERATURE CONDITIONS

Operation temperature range between -25° and +70°C.

### CERTIFICATIONS

cULus, EAC, RINA and CCC.

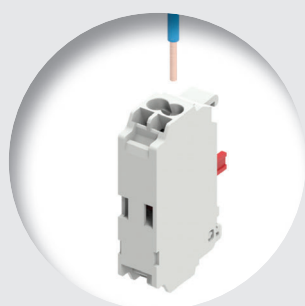


#### ■ CONTACT ELEMENTS

- **Common to all PLATINUM series operators.**
- Miniaturised size
- High electric conductivity - 5V 1mA
- Up to 9 contact elements can be installed
- Versions with screw, spring-clamp (push-in), Faston and base mount contact blocks for use with LPZP control stations
- Contact operation: double breaking action, direct (positive) action operation and wiping effect.
- Electrical contact and LED elements are **snapped onto** the mounting adapter
- **The activation of the middle contact is standard supplied** on all non-illuminated spring return and push-push button or selector switch actuators.

#### ■ HIGH-LUMINOSITY LED ELEMENTS

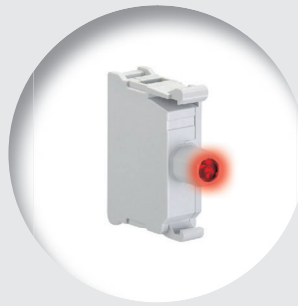
- Miniaturised size
- Long electrical life: 100,000h
- Versions with screw, spring-clamp (push-in) and for bottom of LPZP control stations
- Overvoltage protection
- Withstand vibrations
- Protection against stray currents in wiring
- Flickering phenomenon reduction
- Steady and flashing light versions
- Supply voltages: 12...30VAC/DC, 85...140VAC, 185...265VAC
- Test elements installed alongside and connected with the relative LED element allow checking if all LED elements of the installation are working properly.



#### ■ CONTACT AND LED ELEMENTS WITH SPRING-CLAMP (PUSH-IN) TECHNOLOGY

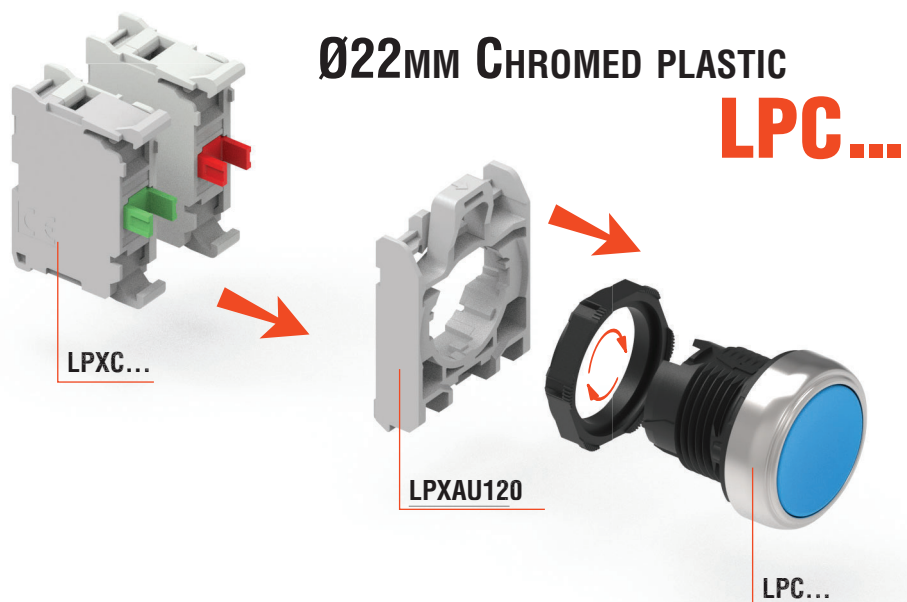
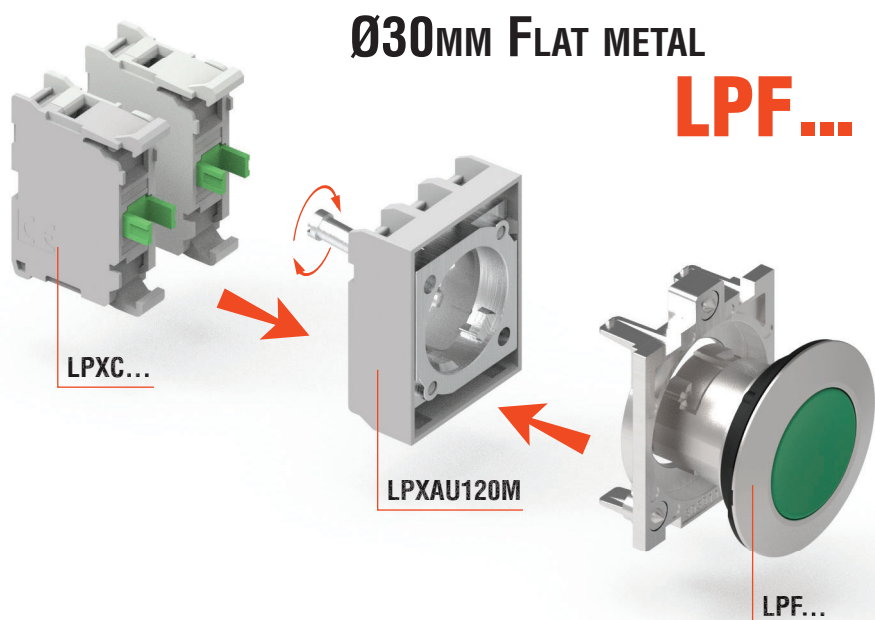
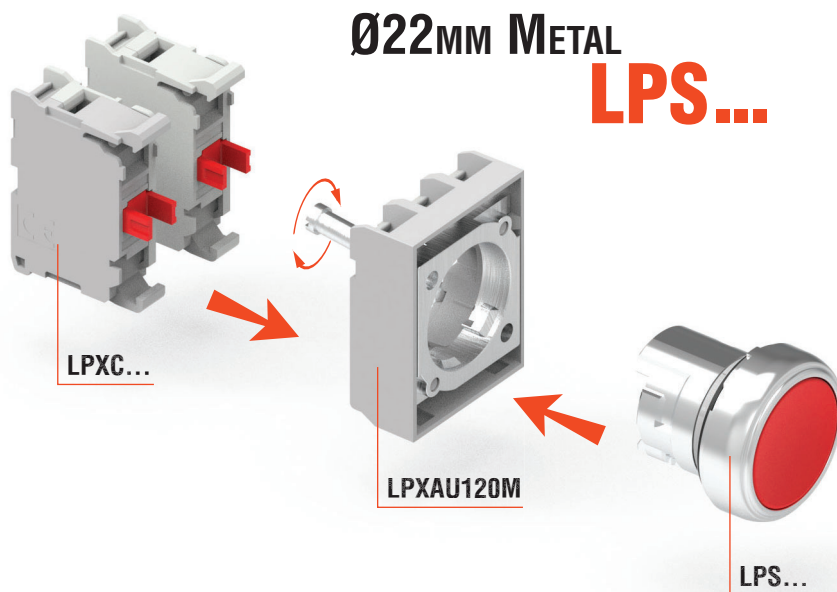
**PUSH-IN** technology reduces the time required to connect stiff cables and cables with crimped terminals. The wire simply inserts into the clamp for a secure, sealed connection - **no screwdriver needed!** The clamping force is long-lasting and unaffected by vibration and impact.

*Push-in technology*



# MODULARITY

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# PUSHBUTTONS

## SPRING RETURN

| Colour | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                             |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| FLUSH  |  |  |  |
| ■      | LPSB102                                                                           | LPFB102                                                                           | LPCB102                                                                           |
| ■      | LPSB103                                                                           | LPFB103                                                                           | LPCB103                                                                           |
| ■      | LPSB104                                                                           | LPFB104                                                                           | LPCB104                                                                           |
| ■      | LPSB105                                                                           | LPFB105                                                                           | LPCB105                                                                           |
| ■      | LPSB106                                                                           | LPFB106                                                                           | LPCB106                                                                           |
| □      | LPSB108                                                                           | LPFB108                                                                           | LPCB108                                                                           |

|          |                                                                                   |                                                                                   |                                                                                   |
|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| EXTENDED |  |  |  |
| ■        | LPSB202                                                                           | LPFB202                                                                           | LPCB202                                                                           |
| ■        | LPSB203                                                                           | LPFB203                                                                           | LPCB203                                                                           |
| ■        | LPSB204                                                                           | LPFB204                                                                           | LPCB204                                                                           |
| ■        | LPSB205                                                                           | LPFB205                                                                           | LPCB205                                                                           |
| ■        | LPSB206                                                                           | LPFB206                                                                           | LPCB206                                                                           |
| □        | LPSB208                                                                           | LPFB208                                                                           | LPCB208                                                                           |

|          |                                                                                   |                                                                                   |                                                                                   |
|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| SHROUDED |  |  |  |
| ■        | LPSB302                                                                           | —                                                                                 | LPCB302                                                                           |
| ■        | LPSB303                                                                           | —                                                                                 | LPCB303                                                                           |
| ■        | LPSB304                                                                           | —                                                                                 | LPCB304                                                                           |
| ■        | LPSB305                                                                           | —                                                                                 | LPCB305                                                                           |
| ■        | LPSB306                                                                           | —                                                                                 | LPCB306                                                                           |
| □        | LPSB308                                                                           | —                                                                                 | LPCB308                                                                           |

## SPRING RETURN WITH SYMBOL

| Colour | Symbol | Ø22mm metal                                                                         | Ø30mm flat metal                                                                    | Ø22mm chromed plastic                                                               |
|--------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| FLUSH  |        |  |  |  |
| ■      | 0      | LPSB1102                                                                            | LPFB1102                                                                            | LPCB1102                                                                            |
| ■      |        | LPSB1104                                                                            | LPFB1104                                                                            | LPCB1104                                                                            |
| ■      |        | LPSB1113                                                                            | LPFB1113                                                                            | LPCB1113                                                                            |
| □      | I      | LPSB1118                                                                            | LPFB1118                                                                            | LPCB1118                                                                            |
| ■      |        | LPSB1123                                                                            | LPFB1123                                                                            | LPCB1123                                                                            |
| □      |        | LPSB1128                                                                            | LPFB1128                                                                            | LPCB1128                                                                            |
| ■      | STOP   | LPSB1132                                                                            | LPFB1132                                                                            | LPCB1132                                                                            |
| ■      |        | LPSB1134                                                                            | LPFB1134                                                                            | LPCB1134                                                                            |
| ■      |        | LPSB1142                                                                            | LPFB1142                                                                            | LPCB1142                                                                            |
| □      | ←      | LPSB1148                                                                            | LPFB1148                                                                            | LPCB1148                                                                            |
| ■      |        | LPSB1152                                                                            | LPFB1152                                                                            | LPCB1152                                                                            |
| □      |        | LPSB1158                                                                            | LPFB1158                                                                            | LPCB1158                                                                            |
| ■      | START  | LPSB1163                                                                            | LPFB1163                                                                            | LPCB1163                                                                            |
| □      |        | LPSB1168                                                                            | LPFB1168                                                                            | LPCB1168                                                                            |
| ■      |        | LPSB1176                                                                            | LPFB1176                                                                            | LPCB1176                                                                            |
| □      | R      | LPSB1178                                                                            | LPFB1178                                                                            | LPCB1178                                                                            |
| ■      |        | LPSB1196                                                                            | LPFB1196                                                                            | LPCB1196                                                                            |
| ■      |        | LPSB1502                                                                            | LPFB1502                                                                            | LPCB1502                                                                            |
| ■      | ↔      | LPSB1512                                                                            | LPFB1512                                                                            | LPCB1512                                                                            |

|          |      |                                                                                     |                                                                                     |                                                                                     |
|----------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| EXTENDED |      |  |  |  |
| ■        | 0    | LPSB2102                                                                            | LPFB2102                                                                            | LPCB2102                                                                            |
| ■        |      | LPSB2104                                                                            | LPFB2104                                                                            | LPCB2104                                                                            |
| ■        |      | LPSB2132                                                                            | LPFB2132                                                                            | LPCB2132                                                                            |
| ■        | STOP | LPSB2134                                                                            | LPFB2134                                                                            | LPCB2134                                                                            |

## ILLUMINATED, SPRING RETURN

| Colour    | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                             |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| FLUSH     |  |  |  |
| ■         | LPSBL103                                                                          | LPFBL103                                                                          | LPCBL103                                                                          |
| ■         | LPSBL104                                                                          | LPFBL104                                                                          | LPCBL104                                                                          |
| ■         | LPSBL105                                                                          | LPFBL105                                                                          | LPCBL105                                                                          |
| ■         | LPSBL106                                                                          | LPFBL106                                                                          | LPCBL106                                                                          |
| □ Transp. | LPSBL107                                                                          | LPFBL107                                                                          | LPCBL107                                                                          |

|           |                                                                                   |                                                                                   |                                                                                   |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| EXTENDED  |  |  |  |
| ■         | LPSBL203                                                                          | LPFBL203                                                                          | LPCBL203                                                                          |
| ■         | LPSBL204                                                                          | LPFBL204                                                                          | LPCBL204                                                                          |
| ■         | LPSBL205                                                                          | LPFBL205                                                                          | LPCBL205                                                                          |
| ■         | LPSBL206                                                                          | LPFBL206                                                                          | LPCBL206                                                                          |
| □ Transp. | LPSBL207                                                                          | LPFBL207                                                                          | LPCBL207                                                                          |

## PUSH-PUSH

| Colour | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                             |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| FLUSH  |  |  |  |
| ■      | LPSQ102                                                                           | LPFQ102                                                                           | LPCQ102                                                                           |
| ■      | LPSQ103                                                                           | LPFQ103                                                                           | LPCQ103                                                                           |
| ■      | LPSQ104                                                                           | LPFQ104                                                                           | LPCQ104                                                                           |
| ■      | LPSQ105                                                                           | LPFQ105                                                                           | LPCQ105                                                                           |
| ■      | LPSQ106                                                                           | LPFQ106                                                                           | LPCQ106                                                                           |
| □      | LPSQ108                                                                           | LPFQ108                                                                           | LPCQ108                                                                           |

|          |                                                                                     |                                                                                     |                                                                                     |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| EXTENDED |  |  |  |
| ■        | LPSQ202                                                                             | LPFQ202                                                                             | LPCQ202                                                                             |
| ■        | LPSQ203                                                                             | LPFQ203                                                                             | LPCQ203                                                                             |
| ■        | LPSQ204                                                                             | LPFQ204                                                                             | LPCQ204                                                                             |
| ■        | LPSQ205                                                                             | LPFQ205                                                                             | LPCQ205                                                                             |
| ■        | LPSQ206                                                                             | LPFQ206                                                                             | LPCQ206                                                                             |
| □        | LPSQ208                                                                             | LPFQ208                                                                             | LPCQ208                                                                             |

## ILLUMINATED, PUSH-PUSH

| Colour    | Ø22mm metal                                                                         | Ø30mm flat metal                                                                    | Ø22mm chromed plastic                                                               |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| FLUSH     |  |  |  |
| ■         | LPSQL103                                                                            | LPFQL103                                                                            | LPCQL103                                                                            |
| ■         | LPSQL104                                                                            | LPFQL104                                                                            | LPCQL104                                                                            |
| ■         | LPSQL105                                                                            | LPFQL105                                                                            | LPCQL105                                                                            |
| ■         | LPSQL106                                                                            | LPFQL106                                                                            | LPCQL106                                                                            |
| □ Transp. | LPSQL107                                                                            | LPFQL107                                                                            | LPCQL107                                                                            |

|           |                                                                                     |                                                                                     |                                                                                     |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| EXTENDED  |  |  |  |
| ■         | LPSQL203                                                                            | LPFQL203                                                                            | LPCQL203                                                                            |
| ■         | LPSQL204                                                                            | LPFQL204                                                                            | LPCQL204                                                                            |
| ■         | LPSQL205                                                                            | LPFQL205                                                                            | LPCQL205                                                                            |
| ■         | LPSQL206                                                                            | LPFQL206                                                                            | LPCQL206                                                                            |
| □ Transp. | LPSQL207                                                                            | LPFQL207                                                                            | LPCQL207                                                                            |

## MECHANICAL RESET, SPRING RETURN

| Colour    | Ø22mm metal                                                                         | Ø22mm chromed plastic                                                               |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| FLUSH     |  |  |
| ■         | LPSR1002                                                                            | LPCR1002                                                                            |
| ■         | LPSR1003                                                                            | LPCR1003                                                                            |
| ■         | LPSR1004                                                                            | LPCR1004                                                                            |
| ■         | LPSR1006                                                                            | LPCR1006                                                                            |
| ■ (RESET) | LPSR1196 <sup>①</sup>                                                               | LPCR1196 <sup>①</sup>                                                               |
| EXTENDED  |  |  |
| ■         | LPSR2004                                                                            | LPCR2004                                                                            |

<sup>①</sup> With "RESET" caption on actuator.  
E.g. Not suitable for LPZ... control stations.

## PILOT LIGHT HEADS

| Colour      | Ø22mm metal                                                                         | Ø30mm flat metal                                                                    | Ø22mm plastic                                                                       |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             |  |  |  |
| ■           | LPSL3                                                                               | LPFL3                                                                               | LPL3                                                                                |
| ■           | LPSL4                                                                               | LPFL4                                                                               | LPL4                                                                                |
| ■           | LPSL5                                                                               | LPFL5                                                                               | LPL5                                                                                |
| ■           | LPSL6                                                                               | LPFL6                                                                               | LPL6                                                                                |
| □ Transp.   | LPSL7                                                                               | LPFL7                                                                               | LPL7                                                                                |
| □ ⚡ Transp. | LPSL1187 <sup>②</sup>                                                               | LPFL1187 <sup>②</sup>                                                               | LPL1187 <sup>②</sup>                                                                |

<sup>②</sup> With symbol indicating dangerous voltage (IEC/EN/BS 60417 5036-4).

## PILOT LIGHTS

### LED INTEGRATED MONOBLOCK, STEADY LIGHT

| PLASTIC Ø22mm |          |          |          |              |
|---------------|----------|----------|----------|--------------|
| LED colour    | 12VAC/DC | 24VAC/DC | 48VAC/DC | 110...120VAC |

|           |        |        |        |        |
|-----------|--------|--------|--------|--------|
| ■         | LPMLA1 | LPMLB1 | LPMLD1 | LPMLE1 |
| ■         | LPMLA3 | LPMLB3 | LPMLD3 | LPMLE3 |
| ■         | LPMLA4 | LPMLB4 | LPMLD4 | LPMLE4 |
| ■         | LPMLA5 | LPMLB5 | LPMLD5 | LPMLE5 |
| ■         | LPMLA6 | LPMLB6 | LPMLD6 | LPMLE6 |
| □ Transp. | LPMLA7 | LPMLB7 | LPMLD7 | LPMLE7 |

|            |        |              |              |        |
|------------|--------|--------------|--------------|--------|
| LED colour | 230VAC | 380...415VAC | 110...125VDC | 220VDC |
|------------|--------|--------------|--------------|--------|

|           |        |        |        |        |
|-----------|--------|--------|--------|--------|
| ■         | LPMLM1 | LPMLP1 | LPMLF1 | LPMLN1 |
| ■         | LPMLM3 | LPMLP3 | LPMLF3 | LPMLN3 |
| ■         | LPMLM4 | LPMLP4 | LPMLF4 | LPMLN4 |
| ■         | LPMLM5 | LPMLP5 | LPMLF5 | LPMLN5 |
| ■         | LPMLM6 | LPMLP6 | LPMLF6 | LPMLN6 |
| □ Transp. | LPMLM7 | LPMLP7 | LPMLF7 | LPMLN7 |

# SELECTOR SWITCHES

## LEVER

| Type                                                                              | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 2 POSITIONS                                                                       |  |  |  |
|  | LPSS120                                                                           | LPFS120                                                                           | LPCS120                                                                           |
|  | LPSS121                                                                           | LPFS121                                                                           | LPCS121                                                                           |
| 3 POSITIONS                                                                       |                                                                                   |                                                                                   |                                                                                   |
|  | LPSS130                                                                           | LPFS130                                                                           | LPCS130                                                                           |
|  | LPSS131                                                                           | LPFS131                                                                           | LPCS131                                                                           |
|  | LPSS132                                                                           | LPFS132                                                                           | LPCS132                                                                           |
|  | LPSS133                                                                           | LPFS133                                                                           | LPCS133                                                                           |

## LONG LEVER

| Type                                                                              | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 2 POSITIONS                                                                       |  |  |  |
|  | LPSS220                                                                           | LPFS220                                                                           | LPCS220                                                                           |
|  | LPSS221                                                                           | LPFS221                                                                           | LPCS221                                                                           |
| 3 POSITIONS                                                                       |                                                                                   |                                                                                   |                                                                                   |
|  | LPSS230                                                                           | LPFS230                                                                           | LPCS230                                                                           |
|  | LPSS231                                                                           | LPFS231                                                                           | LPCS231                                                                           |
|  | LPSS232                                                                           | LPFS232                                                                           | LPCS232                                                                           |
|  | LPSS233                                                                           | LPFS233                                                                           | LPCS233                                                                           |

## ILLUMINATED, LEVER

| Type                                                                               | Colour                                                                              | Ø22mm metal                                                                         | Ø30mm flat metal                                                                    | Ø22mm chromed plastic                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 2 POSITIONS                                                                        |                                                                                     |  |  |  |
|  |  | LPSSL1203                                                                           | LPFSL1203                                                                           | LPCSL1203                                                                           |
|                                                                                    |  | LPSSL1204                                                                           | LPFSL1204                                                                           | LPCSL1204                                                                           |
|                                                                                    |  | LPSSL1205                                                                           | LPFSL1205                                                                           | LPCSL1205                                                                           |
|                                                                                    |  | LPSSL1206                                                                           | LPFSL1206                                                                           | LPCSL1206                                                                           |
|                                                                                    |  | LPSSL1208                                                                           | LPFSL1208                                                                           | LPCSL1208                                                                           |
|  |  | LPSSL1213                                                                           | LPFSL1213                                                                           | LPCSL1213                                                                           |
|                                                                                    |  | LPSSL1214                                                                           | LPFSL1214                                                                           | LPCSL1214                                                                           |
|                                                                                    |  | LPSSL1215                                                                           | LPFSL1215                                                                           | LPCSL1215                                                                           |
|                                                                                    |  | LPSSL1216                                                                           | LPFSL1216                                                                           | LPCSL1216                                                                           |
|                                                                                    |  | LPSSL1218                                                                           | LPFSL1218                                                                           | LPCSL1218                                                                           |
| 3 POSITIONS                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|  |  | LPSSL1303                                                                           | LPFSL1303                                                                           | LPCSL1303                                                                           |
|                                                                                    |  | LPSSL1304                                                                           | LPFSL1304                                                                           | LPCSL1304                                                                           |
|                                                                                    |  | LPSSL1305                                                                           | LPFSL1305                                                                           | LPCSL1305                                                                           |
|                                                                                    |  | LPSSL1306                                                                           | LPFSL1306                                                                           | LPCSL1306                                                                           |
|                                                                                    |  | LPSSL1308                                                                           | LPFSL1308                                                                           | LPCSL1308                                                                           |
|  |  | LPSSL1313                                                                           | LPFSL1313                                                                           | LPCSL1313                                                                           |
|                                                                                    |  | LPSSL1314                                                                           | LPFSL1314                                                                           | LPCSL1314                                                                           |
|                                                                                    |  | LPSSL1315                                                                           | LPFSL1315                                                                           | LPCSL1315                                                                           |
|                                                                                    |  | LPSSL1316                                                                           | LPFSL1316                                                                           | LPCSL1316                                                                           |
|                                                                                    |  | LPSSL1318                                                                           | LPFSL1318                                                                           | LPCSL1318                                                                           |
|  |  | LPSSL1323                                                                           | LPFSL1323                                                                           | LPCSL1323                                                                           |
|                                                                                    |  | LPSSL1324                                                                           | LPFSL1324                                                                           | LPCSL1324                                                                           |
|                                                                                    |  | LPSSL1325                                                                           | LPFSL1325                                                                           | LPCSL1325                                                                           |
|                                                                                    |  | LPSSL1326                                                                           | LPFSL1326                                                                           | LPCSL1326                                                                           |
|                                                                                    |  | LPSSL1328                                                                           | LPFSL1328                                                                           | LPCSL1328                                                                           |
|  |  | LPSSL1333                                                                           | LPFSL1333                                                                           | LPCSL1333                                                                           |
|                                                                                    |  | LPSSL1334                                                                           | LPFSL1334                                                                           | LPCSL1334                                                                           |
|                                                                                    |  | LPSSL1335                                                                           | LPFSL1335                                                                           | LPCSL1335                                                                           |
|                                                                                    |  | LPSSL1336                                                                           | LPFSL1336                                                                           | LPCSL1336                                                                           |
|                                                                                    |  | LPSSL1338                                                                           | LPFSL1338                                                                           | LPCSL1338                                                                           |

## KNOB

| Type                                                                              | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                              |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 2 POSITIONS                                                                       |  |  |  |
|  | LPSS420                                                                           | LPFS420                                                                           | LPCS420                                                                            |
|  | LPSS421                                                                           | LPFS421                                                                           | LPCS421                                                                            |
| 3 POSITIONS                                                                       |                                                                                   |                                                                                   |                                                                                    |
|  | LPSS430                                                                           | LPFS430                                                                           | LPCS430                                                                            |
|  | LPSS431                                                                           | LPFS431                                                                           | LPCS431                                                                            |
|  | LPSS432                                                                           | LPFS432                                                                           | LPCS432                                                                            |
|  | LPSS433                                                                           | LPFS433                                                                           | LPCS433                                                                            |

## KEY

| Type                                                                                | Ø22mm metal                                                                       | Ø30mm flat metal                                                                  | Ø22mm chromed plastic                                                              |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 2 POSITIONS                                                                         |  |  |  |
|    | LPSS320                                                                           | LPFS320                                                                           | LPCS320                                                                            |
|                                                                                     | LPSS320R®                                                                         | LPFS320R®                                                                         | LPCS320R®                                                                          |
|    | LPSS321                                                                           | LPFS321                                                                           | LPCS321                                                                            |
|                                                                                     | LPSS321R®                                                                         | LPFS321R®                                                                         | LPCS321R®                                                                          |
|    | LPSS340                                                                           | LPFS340                                                                           | LPCS340                                                                            |
|                                                                                     | LPSS340R®                                                                         | LPFS340R®                                                                         | LPCS340R®                                                                          |
| 3 POSITIONS                                                                         |                                                                                   |                                                                                   |                                                                                    |
|   | LPSS330                                                                           | LPFS330                                                                           | LPCS330                                                                            |
|                                                                                     | LPSS330R®                                                                         | LPFS330R®                                                                         | LPCS330R®                                                                          |
|  | LPSS331                                                                           | LPFS331                                                                           | LPCS331                                                                            |
|                                                                                     | LPSS331R®                                                                         | LPFS331R®                                                                         | LPCS331R®                                                                          |
|  | LPSS332                                                                           | LPFS332                                                                           | LPCS332                                                                            |
|                                                                                     | LPSS332R®                                                                         | LPFS332R®                                                                         | LPCS332R®                                                                          |
|  | LPSS333                                                                           | LPFS333                                                                           | LPCS333                                                                            |
|                                                                                     | LPSS333R®                                                                         | LPFS333R®                                                                         | LPCS333R®                                                                          |
|  | LPSS350                                                                           | LPFS350                                                                           | LPCS350                                                                            |
|                                                                                     | LPSS350R®                                                                         | LPFS350R®                                                                         | LPCS350R®                                                                          |
|  | LPSS360                                                                           | LPFS360                                                                           | LPCS360                                                                            |
|                                                                                     | LPSS360R®                                                                         | LPFS360R®                                                                         | LPCS360R®                                                                          |
|  | LPSS370                                                                           | LPFS370                                                                           | LPCS370                                                                            |
|                                                                                     | LPSS370R®                                                                         | LPFS370R®                                                                         | LPCS370R®                                                                          |
|  | LPSS380                                                                           | LPFS380                                                                           | LPCS380                                                                            |
|                                                                                     | LPSS380R®                                                                         | LPFS380R®                                                                         | LPCS380R®                                                                          |
|  | LPSS390                                                                           | LPFS390                                                                           | LPCS390                                                                            |
|                                                                                     | LPSS390R®                                                                         | LPFS390R®                                                                         | LPCS390R®                                                                          |

### Selector switch type of positions

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| maintained position                                                                 | spring return position                                                              | key extraction position                                                             |

# POTENTIOMETERS

## MONOBLOCK

| Resistance value | Ø22mm chromed plastic                                                                |
|------------------|--------------------------------------------------------------------------------------|
| SINGLE-TURN      |  |
| 1kΩ              | LPCPA001                                                                             |
| 2.5kΩ            | LPCPA002                                                                             |
| 5kΩ              | LPCPA005                                                                             |
| 10kΩ             | LPCPA010                                                                             |
| 50kΩ             | LPCPA050                                                                             |
| 100kΩ            | LPCPA100                                                                             |
| 500kΩ            | LPCPA500                                                                             |

# MUSHROOM HEAD

## SPRING RETURN

| Colour                                                                              | Ø22mm metal                                                                         | Ø22mm chromed plastic                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ø40mm                                                                               |  |  |
|  | LPSB6142                                                                            | LPCB6142                                                                            |
|  | LPSB6143                                                                            | LPCB6143                                                                            |
|  | LPSB6144                                                                            | LPCB6144                                                                            |
|  | LPSB6145                                                                            | LPCB6145                                                                            |
|  | LPSB6146                                                                            | LPCB6146                                                                            |
| Ø60mm                                                                               |                                                                                     |                                                                                     |
|  | LPSB6162                                                                            | LPCB6162                                                                            |
|  | LPSB6163                                                                            | LPCB6163                                                                            |
|  | LPSB6164                                                                            | LPCB6164                                                                            |
|  | LPSB6165                                                                            | LPCB6165                                                                            |
|  | LPSB6166                                                                            | LPCB6166                                                                            |

## LATCH

| Colour                                                                                | Type                                    | Ø22mm metal                                                                           | Ø22mm plastic                                                                         |
|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| PULL TO RELEASE<br>Ø40mm                                                              |                                         |    |    |
|    | Normal stopping                         | LPSB6742                                                                              | LPCB6742                                                                              |
|    | Emergency stopping, ISO 13850 compliant | LPSB6744                                                                              | LPCB6744                                                                              |
| TURN TO RELEASE<br>Ø30mm                                                              |                                         |   |   |
|  | Emergency stopping, ISO 13850 compliant | LPSB6634                                                                              | LPCB6634                                                                              |
| TURN TO RELEASE<br>Ø40mm                                                              |                                         |  |  |
|  | Normal stopping                         | LPSB6642                                                                              | LPCB6642                                                                              |
|  | Normal stopping                         | —                                                                                     | LPCB66344                                                                             |
|  | Emergency stopping, ISO 13850 compliant | LPSB6644                                                                              | LPCB6644                                                                              |
| TURN KEY TO RELEASE<br>Ø40mm                                                          |                                         |  |  |
|  | Normal stopping                         | LPSB6842                                                                              | LPCB6842                                                                              |
|                                                                                       |                                         | LPSB6842R®                                                                            | LPCB6842R®                                                                            |
|  | Emergency stopping, ISO 13850 compliant | LPSB6844                                                                              | LPCB6844                                                                              |
|                                                                                       |                                         | LPSB6844R®                                                                            | LPCB6844R®                                                                            |

® Versions with different key codes.  
Complete with the numeric code of the key. The following versions are available: 421E, 458A, 520E, 3131A, 3433E. Example of complete code: LPCS320R421E.

# BUZZERS

## MONOBLOCK

| Protection degree           | IP40                                                                                  | IP66, IP67, IP69K<br>UL Type 4X                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Sound intensity at 2800Hz   | 90dB/10cm                                                                             | 80dB/10cm                                                                             |
| CONTINUOUS OR<br>PULSE TONE |  |  |
| 9...15VAC/DC                | LPCZSA                                                                                | LPCZSAIP                                                                              |
| 18...30VAC/DC               | LPCZSB                                                                                | LPCZSBIP                                                                              |
| 85...140VAC/DC              | LPCZSE                                                                                | LPCZSEIP                                                                              |
| 185...265AC/DC              | LPCZSM                                                                                | LPCZSMIP                                                                              |



## ILLUMINATED, SPRING RETURN

| Colour                                                                          | Ø22mm metal                                                                       | Ø22mm chromed plastic                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Ø40mm                                                                           |  |  |
|  | LPSBL6143                                                                         | LPCBL6143                                                                         |
|  | LPSBL6144                                                                         | LPCBL6144                                                                         |
|  | LPSBL6145                                                                         | LPCBL6145                                                                         |
|  | LPSBL6146                                                                         | LPCBL6146                                                                         |
|  | LPSBL6148                                                                         | LPCBL6148                                                                         |

## ILLUMINATED, LATCH

| Colour                                                                          | Type                                    | Ø22mm metal | Ø22mm plastic |
|---------------------------------------------------------------------------------|-----------------------------------------|-------------|---------------|
| TURN TO RELEASE<br>Ø40mm                                                        |                                         |             |               |
|  | Normal stopping                         | LPSBL6643   | LPCBL6643     |
|  | Normal stopping                         | LPSBL6645   | LPCBL6645     |
|  | Normal stopping                         | LPSBL6646   | LPCBL6646     |
|  | Emergency stopping, ISO 13850 compliant | LPSBL6644   | LPCBL6644     |

## AUTO-MONITORING

Auto-monitor contact elements for non-illuminated latch mushroom-head pushbuttons

| Function                                                                            | Auto-monitoring     |
|-------------------------------------------------------------------------------------|---------------------|
|  | 1NC <b>LPMC01SM</b> |
|  | 2NC <b>LPMC02SM</b> |

## COMMUNICATION

### INTERFACES

| Connection                  | Ø30mm flat metal                                                                    | Ø22mm chromed plastic                                                               |
|-----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| USB                         |  |  |
| A/A female                  | LPFD01                                                                              | LPCD01                                                                              |
| A/A female, 0.5m long cable | LPFD01L050                                                                          | LPCD01L050                                                                          |
| A/A female, 1m long cable   | LPFD01L100                                                                          | LPCD01L100                                                                          |
| A/B female                  | LPFD03                                                                              | LPCD03                                                                              |
| B/A female                  | LPFD05                                                                              | LPCD05                                                                              |
| RJ45                        |  |  |
| Ethernet                    | LPFD06                                                                              | LPCD06                                                                              |
| Ethernet, 1m long cable     | LPFD06L100                                                                          | LPCD06L100                                                                          |

## DOUBLE-TOUCH

### SPRING RETURN

| Colour                                                                            | Symbol                                                                            | Ø22mm metal | Ø22mm chromed plastic |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-----------------------|
| 2 FLUSH                                                                           |                                                                                   |             |                       |
|  | —                                                                                 | LPSB7112    | LPCB7112              |
|  | —                                                                                 | LPSB7113    | LPCB7113              |
|  | —                                                                                 | LPSB7114    | LPCB7114              |
|  | I-O                                                                               | LPSB7122    | LPCB7122              |
|  | I-O                                                                               | LPSB7123    | LPCB7123              |
|  | I-O                                                                               | LPSB7124    | LPCB7124              |
|  | Start/Stop                                                                        | LPSB7133    | LPCB7133              |
|  |  | LPSB7191    | LPCB7191              |
| 1 FLUSH<br>1 EXTENDED                                                             |                                                                                   |             |                       |
|  | —                                                                                 | LPSB7212    | LPCB7212              |
|  | —                                                                                 | LPSB7213    | LPCB7213              |
|  | —                                                                                 | LPSB7214    | LPCB7214              |
|  | I-O                                                                               | LPSB7222    | LPCB7222              |
|  | I-O                                                                               | LPSB7223    | LPCB7223              |
|  | I-O                                                                               | LPSB7224    | LPCB7224              |
|  | Start/Stop                                                                        | LPSB7233    | LPCB7233              |

### WHITE INDICATOR, SPRING RETURN

| Colour                                                                              | Symbol                                                                              | Ø22mm metal | Ø22mm chromed plastic |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|-----------------------|
| 2 FLUSH                                                                             |                                                                                     |             |                       |
|  | —                                                                                   | LPSBL7112   | LPCBL7112             |
|  | —                                                                                   | LPSBL7113   | LPCBL7113             |
|  | —                                                                                   | LPSBL7114   | LPCBL7114             |
|  | I-O                                                                                 | LPSBL7122   | LPCBL7122             |
|  | I-O                                                                                 | LPSBL7123   | LPCBL7123             |
|  | I-O                                                                                 | LPSBL7124   | LPCBL7124             |
|  | Start/Stop                                                                          | LPSBL7133   | LPCBL7133             |
|  |  | LPSBL7191   | LPCBL7191             |
| 1 FLUSH<br>1 EXTENDED                                                               |                                                                                     |             |                       |
|  | —                                                                                   | LPSBL7212   | LPCBL7212             |
|  | —                                                                                   | LPSBL7213   | LPCBL7213             |
|  | —                                                                                   | LPSBL7214   | LPCBL7214             |
|  | I-O                                                                                 | LPSBL7222   | LPCBL7222             |
|  | I-O                                                                                 | LPSBL7223   | LPCBL7223             |
|  | I-O                                                                                 | LPSBL7224   | LPCBL7224             |
|  | Start/Stop                                                                          | LPSBL7233   | LPCBL7233             |

## TRIPLE-TOUCH

### SPRING RETURN

| Symbol                                                                              | Ø22mm metal | Ø22mm chromed plastic |
|-------------------------------------------------------------------------------------|-------------|-----------------------|
| ONE MIDDLE EXTENDED BUTTON                                                          |             |                       |
|  | LPSB7345    | LPCB7345              |
|  | LPSB7355    | LPCB7355              |
|  | LPSB7365    | LPCB7365              |
|  | LPSB7375    | LPCB7375              |

## JOYSTICKS

|                                                                                       | Type                                                                                  | N° auxiliary contacts | Ø22mm metal    |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------|----------------|
| WITHOUT MECHANICAL INTERLOCK<br>COMPLETE WITH AUXILIARY CONTACTS                      |                                                                                       |                       |                |
|  |  | 2NO                   | <b>LPSJ200</b> |
|                                                                                       |  | 2NO                   | <b>LPSJ201</b> |
|                                                                                       |  | 4NO                   | <b>LPSJ400</b> |
|                                                                                       |  | 4NO                   | <b>LPSJ401</b> |
| WITH MECHANICAL INTERLOCK<br>COMPLETE WITH AUXILIARY CONTACTS                         |                                                                                       |                       |                |
|  |  | 2NO                   | <b>LPSJ210</b> |
|                                                                                       |  | 2NO                   | <b>LPSJ211</b> |
|                                                                                       |  | 4NO                   | <b>LPSJ410</b> |
|                                                                                       |  | 4NO                   | <b>LPSJ411</b> |

### Joystick positions

|                                                                                       |            |                                                                                       |          |
|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|----------|
|  | 2 instable |  | 2 stable |
|  | 4 instable |  | 4 stable |

## ACCESSORIES

| Description                                 | Ø22mm metal     |
|---------------------------------------------|-----------------|
| 2-4 directional holder for adhesive legends | <b>LPXAU101</b> |



MOUNTING ADAPTERS

| Function                                                   | Ø22mm and Ø30mm metal                                                             | Ø22mm chromed plastic                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                                            |  |  |
| —                                                          | LPXAU120M                                                                         | LPXAU120                                                                          |
| Mounting adapters with screw termination contact elements. |                                                                                   |                                                                                   |
|                                                            |  |  |
| 1NO                                                        | LPXE10M                                                                           | LPXE10                                                                            |
| 1NC                                                        | LPXE01M                                                                           | LPXE01                                                                            |

CONTACT ELEMENTS

| Function | Screw termination | Spring-clamp termination | Faston termination |
|----------|-------------------|--------------------------|--------------------|
| 1NO      | LPXC10            | LPXCS10                  | LPXCF10            |
| 1NC      | LPXC01            | LPXCS01                  | LPXCF01            |
| 1NO+1NC  | LPXC01D           | —                        | —                  |

- Use LPXC10A (EM) or LPXC01 (NC) type only with push-push actuators. Not suitable for push-push actuators.
- Normally open contact with early-make operation and suitable for push-push actuators.
- Direct (positive) opening action in accordance with IEC/EN/BS 60947-5-1.
- Normally closed contact with late break operation.

LED ELEMENTS

Total protection against overvoltages and stray currents in wiring, to reduce flickering phenomenon.

| Colour | Termination | 12...30VAC/DC | 85...140VAC | 185...265VAC |
|--------|-------------|---------------|-------------|--------------|
|--------|-------------|---------------|-------------|--------------|

## STEADY LIGHT

|                                                                                    |              |          |         |          |
|------------------------------------------------------------------------------------|--------------|----------|---------|----------|
|  | Screw        | LPXLPB3  | LPXLPE3 | LPXLFM3  |
|  |              | LPXLPB4  | LPXLPE4 | LPXLFM4  |
|  |              | LPXLPB5  | LPXLPE5 | LPXLFM5  |
|  |              | LPXLPB6  | LPXLPE6 | LPXLFM6  |
|  |              | LPXLPB8  | LPXLPE8 | LPXLFM8  |
|  | Spring-clamp | LPXLPSB3 | LPXLPE3 | LPXLPSM3 |
|  |              | LPXLPSB4 | LPXLPE4 | LPXLPSM4 |
|  |              | LPXLPSB5 | LPXLPE5 | LPXLPSM5 |
|  |              | LPXLPSB6 | LPXLPE6 | LPXLPSM6 |
|  |              | LPXLPSB8 | LPXLPE8 | LPXLPSM8 |

## FLASHING LIGHT

|                                                                                    |       |          |         |         |
|------------------------------------------------------------------------------------|-------|----------|---------|---------|
|  | Screw | LPXLFB3Ⓢ | LPXLFE3 | LPXLFM3 |
|  |       | LPXLFB4Ⓢ | LPXLFE4 | LPXLFM4 |
|  |       | LPXLFB5Ⓢ | LPXLFE5 | LPXLFM5 |
|  |       | LPXLFB6Ⓢ | LPXLFE6 | LPXLFM6 |
|  |       | LPXLFB8Ⓢ | LPXLFE8 | LPXLFM8 |

## Simple protection against overvoltages.

| Colour | Termination | 12...30 VAC/DC | 48 VAC/DC | 85...140 VAC/DC | 185...265 VAC/DC |
|--------|-------------|----------------|-----------|-----------------|------------------|
|--------|-------------|----------------|-----------|-----------------|------------------|

## STEADY LIGHT

|                                                                                    |       |         |         |         |         |
|------------------------------------------------------------------------------------|-------|---------|---------|---------|---------|
|  | Screw | LPXLEB3 | LPXLED3 | LPXLEE3 | LPXLEM3 |
|  |       | LPXLEB4 | LPXLED4 | LPXLEE4 | LPXLEM4 |
|  |       | LPXLEB5 | LPXLED5 | LPXLEE5 | LPXLEM5 |
|  |       | LPXLEB6 | LPXLED6 | LPXLEE6 | LPXLEM6 |
|  |       | LPXLEB8 | LPXLED8 | LPXLEE8 | LPXLEM8 |

18...30VAC/DC

ACCESSORIES

| Description                                                                                                       | Ø22mm metal | Ø30mm flat metal | Ø22mm chromed plastic |
|-------------------------------------------------------------------------------------------------------------------|-------------|------------------|-----------------------|
| GENERIC                                                                                                           |             |                  |                       |
| Adapter for 30mm/1.18" holes to Ø22mm/0.87" for mushroom operators                                                | LPXA161M    | —                | LPXA161               |
| Adapter for 30mm/1.18" holes to Ø22mm/0.87" for pushbuttons and selector switches                                 | LPXA162M    | —                | LPXA162               |
| Socket spanner/wrench for fixing ring fitting                                                                     | —           | —                | LPXA200               |
| Transparent diffuser for double-touch buttons                                                                     | LPSXA127    | —                | LPXA127               |
| Plastic threaded ring for actuator fixing                                                                         | —           | LPFXAU00         | —                     |
| Plastic threaded ring for actuator fixing                                                                         | —           | —                | LPXAU00               |
| Metallic threaded ring for actuator fixing                                                                        | —           | —                | LPXAU01               |
| Threaded plug for unused drilled holes (grey)                                                                     | LPXA130     | LPFXA130         | LPXA130               |
| Threaded plug for unused drilled holes (black)                                                                    | LPXA130B    | —                | LPXA130B              |
| Adapter for mounting buttons on DIN rail 35mm/1.38" wide                                                          | LPXDIN      | —                | LPXDIN                |
| Rod for mechanical reset button (l =150mm/5.90")                                                                  | LPXA150     | —                | LPXA150               |
| LABEL HOLDERS AND LABELS                                                                                          |             |                  |                       |
| Label holder for LPXAU109 and LPXAU203 labels (black)                                                             | LPXAU100    | LPFXAU100        | LPXAU100              |
| Label holder for LPXAU109 and LPXAU203 labels (grey)                                                              | —           | LPFXAU100G       | —                     |
| Engravable silver plastic label to use with LPXAU100 holder                                                       | LPXAU109    | LPXAU109         | LPXAU109              |
| Blank label for writing                                                                                           | LPXAU203    | LPXAU203         | LPXAU203              |
| Label holder for LPXAU108 plastic labels (black)                                                                  | LPXAU105    | LPFXAU105        | LPXAU105              |
| Label holder for LPXAU108 plastic labels (grey)                                                                   | —           | LPFXAU105G       | —                     |
| Engravable silver plastic label to use with LPXAU105 holder                                                       | LPXAU108    | LPXAU108         | LPXAU108              |
| Legend holder for LPXAU202 paper or LPXAU201 plastic labels                                                       | LPXAU102    | —                | LPXAU102              |
| Blank paper label for writing for LPXAU102                                                                        | LPXAU202    | —                | LPXAU202              |
| Blank plastic label for engraving for LPXAU102                                                                    | LPXAU201    | —                | LPXAU201              |
| Transparent protection for LPXAU202 label                                                                         | LPXAU200    | —                | LPXAU200              |
| PROTECTIONS                                                                                                       |             |                  |                       |
| Rubber boot for flush buttons                                                                                     | LPXAU130    | —                | LPXAU130              |
| Rubber boot for extended buttons                                                                                  | LPXAU140    | —                | LPXAU140              |
| Rubber boot for double and triple-touch buttons (transpar.)                                                       | LPXAU157    | —                | LPXAU157              |
| Rubber boot for mushroom head buttons, LP...B63, ...B66, ...B67, ...BL66... (transparent)                         | LPXAU167    | —                | LPXAU167              |
| Padlockable protection, 5-8mm/0.2-0.31" locks for buttons LP...B66, ...B67, ...B68, ...BL664...; for LP...B634... | LPXAU158    | —                | LPXAU158              |
| Ø5-6mm/0.2-0.24" locks only                                                                                       | —           | —                | —                     |
| Shroud for buttons LP...B63..., LP...B66, ...67, ...68, ...BL666...                                               | LPXAU159    | —                | LPXAU159              |
| Protection cover for Ø22mm/0.87" plastic buttons                                                                  | LPXAU170    | —                | LPXAU170              |
| Protection cover for Ø22mm/0.87" communication interfaces                                                         | —           | —                | LPXAU171              |
| Yellow shroud for selectors                                                                                       | LPXAU185    | —                | LPXAU185              |
| PLASTIC DISK FOR Ø22mm MUSHROOM HEAD PUSHBUTTONS                                                                  |             |                  |                       |
| EMERGENZA ARRESTO Ø90mm                                                                                           | LPXAU112    | —                | LPXAU112              |
| EMERGENZA ARRESTO Ø60mm                                                                                           | LPXAU114    | —                | LPXAU114              |
| EMERGENCY STOP Ø90mm                                                                                              | LPXAU113    | —                | LPXAU113              |
| EMERGENCY STOP Ø60mm                                                                                              | LPXAU115    | —                | LPXAU115              |
| IEC60417-5638 symbol according to ISO 13850 Ø90mm/3.5"                                                            | LPXAU124    | —                | LPXAU124              |
| IEC60417-5638 symbol according to ISO 13850 Ø60mm/2.4"                                                            | LPXAU123    | —                | LPXAU123              |
| Adhesive label EMERGENCY STOP (34.5x65mm/1.36x2.56") for LP...B63/663/664/67/68/BL66... buttons                   | LPXAU110    | —                | LPXAU110              |
| ARRET D'URGENCE / NOT-AUS / PARO EMERGENCIA Ø60mm                                                                 | LPXAU118    | —                | LPXAU118              |

For flush and extended push buttons, complete the order code by adding the digit of the required colour: 2 (black); 3 (green); 4 (red); 5 (yellow); 6 (blue); 7 (transparent); 8 (white). For illuminated push buttons, add only digit 7 (transparent).

MOST USED TEXT LABELS FOR LPXAU100 AND LPFXAU100... LEGEND HOLDERS

| Text   | Text       | Text      | Text     | Text |
|--------|------------|-----------|----------|------|
| 0      | STOP-START | STOP      | INDIETRO |      |
| I      | AUTO-MAN   | RESET     | APERTURA |      |
| II     | MAN-AUTO   | EMERGENCY | CHIUSURA |      |
| 0-I    | AUTO-0-MAN | ON        | SALITA   |      |
| I-II   | MAN-0-AUTO | POWER ON  | DISCESA  |      |
| I-0-II | FWD-0-REV  | OFF       |          |      |
| OFF-ON | START      | AVANTI    |          |      |



## PLASTIC CONTROL STATIONS

WITHOUT ACTUATORS, Ø22MM

TYPE 1, 2, 3R, 4, 4X, 12K

IP66, IP67, IP69K



| Description            | Cover colour | Plastic control station |
|------------------------|--------------|-------------------------|
| 1 actuator             | Yellow       | LPZP1A5                 |
| 1 actuator with shroud | Yellow       | LPZP1A5P                |
| 1 actuator             | Grey         | LPZP1A8                 |
| 1 actuator with shroud | Grey         | LPZP1A8P                |
| 2 actuators            | Yellow       | LPZP2A5                 |
| 2 actuators            | Grey         | LPZP2A8                 |
| 3 actuators            | Grey         | LPZP3A8                 |
| 4 actuators            | Grey         | LPZP4A8                 |
| 5 actuators            | Grey         | LPZP5A8                 |
| 6 actuators            | Grey         | LPZP6A8                 |

## ACCESSORIES

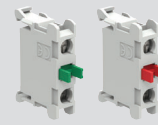


| Description                                  |        |
|----------------------------------------------|--------|
| 4-piece set yellow screw protection caps     | LPZXP5 |
| 4-piece set grey screw protection caps       | LPZXP8 |
| M20 cable gland for LPZP... control stations | LPXP01 |

## CONTACT ELEMENTS

FOR BASE-MOUNT ON PLASTIC CONTROL STATION

LPZP...



| Function | Screw terminals |
|----------|-----------------|
| NO ①     | LPXC810         |
| NC ②     | LPXC801         |

## LED ELEMENTS

FOR BASE-MOUNT ON PLASTIC CONTROL STATION LPZP....



Total protection against overvoltages and stray currents in wiring, to reduce flickering phenomenon.

| Colour       | Termination       | 12...30VAC/DC | 85...140VAC | 185...265VAC |
|--------------|-------------------|---------------|-------------|--------------|
| STEADY LIGHT |                   |               |             |              |
| Green        | Screw termination | LPXLPBB3      | LPXLPBE3    | LPXLPBM3     |
| Red          |                   | LPXLPBB4      | LPXLPBE4    | LPXLPBM4     |
| Yellow       |                   | LPXLPBB5      | LPXLPBE5    | LPXLPBM5     |
| Blue         |                   | LPXLPBB6      | LPXLPBE6    | LPXLPBM6     |
| White        |                   | LPXLPBB8      | LPXLPBE8    | LPXLPBM8     |
|              |                   |               |             |              |

## PLASTIC COMPLETE CONTROL STATIONS

Wide availability of pre-assembled versions



Check here:



## METAL CONTROL STATIONS

WITHOUT ACTUATORS, Ø22MM

IP66, IP67 - UL NEMA 4X



| Description            | Cover colour | Metal control station |
|------------------------|--------------|-----------------------|
| WITH HOLES             |              |                       |
| 1 actuator             | Yellow       | LPZM1A5               |
| 1 actuator with shroud | Yellow       | LPZM1A5P              |
| 1 actuator             | Grey         | LPZM1A8               |
| 2 actuators            | Yellow       | LPZM2A5               |
| 2 actuators            | Grey         | LPZM2A8               |
| 3 actuators            | Grey         | LPZM3A8               |
| 4 actuators            | Grey         | LPZM4A8               |
| 5 actuators            | Grey         | LPZM5A8               |
| 6 actuators            | Grey         | LPZM6A8               |
| MULTIHOLES             |              |                       |
| 4 actuators            | Grey         | LPZM4CA8              |
| 6 actuators            | Grey         | LPZM6CA8              |
| 8 actuators            | Grey         | LPZM8CA8              |
| 12 actuators           | Grey         | LPZM12CA8             |
| 16 actuators           | Grey         | LPZM16CA8             |

## METAL ENCLOSURES

WITHOUT ACTUATORS

IP66, IP67 - UL NEMA 4X



| Dimensions (X, Y, Z) | Cover colour | Metal enclosures |
|----------------------|--------------|------------------|
| 80x80x73mm           | Yellow       | LPZM1E5          |
| 80x80x73mm           | Grey         | LPZM1E8          |
| 80x130x73mm          | Grey         | LPZM2E8          |
| 80x170x73mm          | Grey         | LPZM3E8          |
| 80x230x73mm          | Grey         | LPZM4E8          |
| 160x160x90mm         | Grey         | LPZM5E8          |
| 170x190x90mm         | Grey         | LPZM6E8          |
| 190x250x90mm         | Grey         | LPZM7E8          |



ENERGY AND AUTOMATION

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