

Pegasus

Control auxiliaries Ø 22

Table of contents



AUTOMATION TECHNOLOGIES



Panel mounting on Ø 22,5 mm holes, IP65 protection rating, available with “Black line” or “Nickel line” frames, EN ISO 13850 emergency mushrooms, terminals with screws, spring loaded or for printed circuit boards. Push button stations up to 3 gang or empty enclosures up to 6 gang. Version for pneumatic systems.

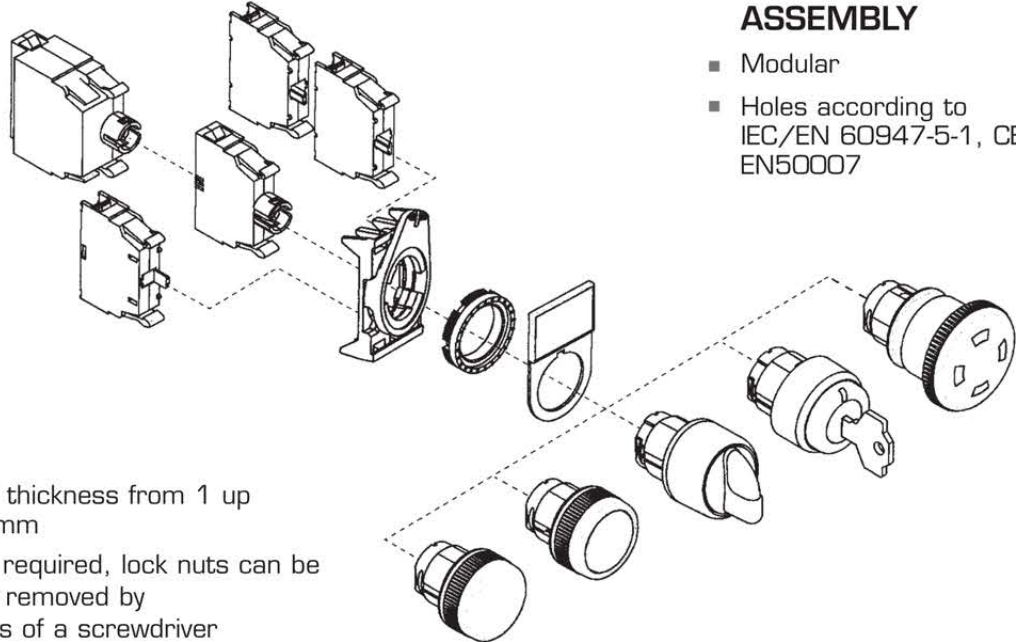
TABLE OF CONTENTS

| | | | |
|------------------------------------|---------|------------------------------------|---------|
| ■ Assembly | pag. 72 | ■ Pegasus Series | pag. 81 |
| ■ Pegasus Series - Black line | | ■ Multi function push buttons Ø 22 | pag. 84 |
| ■ Push buttons Ø 22 | pag. 73 | ■ Contacts Blocks | pag. 85 |
| ■ Rotary Switch Ø 22 | pag. 74 | ■ Push buttons station | pag. 88 |
| ■ Push buttons Ø 22 | pag. 75 | ■ Auxiliaries of command Ø 22 | pag. 93 |
| ■ Single light Ø 22 | pag. 76 | ■ pneumatic valve adapters | |
| ■ Multi function push buttons Ø 22 | pag. 77 | ■ Auxiliaries of command Ø 22 | pag. 94 |
| ■ Pegasus Series - Nickel line | | ■ Accessories | |
| ■ Push buttons Ø 22 | pag. 78 | ■ Push buttons Ø 22 | pag. 95 |
| ■ Rotary Switch Ø 22 | pag. 79 | ■ Dates and Symbology | |
| ■ Multi function push buttons Ø 22 | pag. 81 | ■ Electrical characteristics | pag. 96 |
| ■ Emergency Push buttons Ø 22 | pag. 82 | ■ Caratteristiche Generali | pag. 97 |

Pegasus

Control auxiliaries

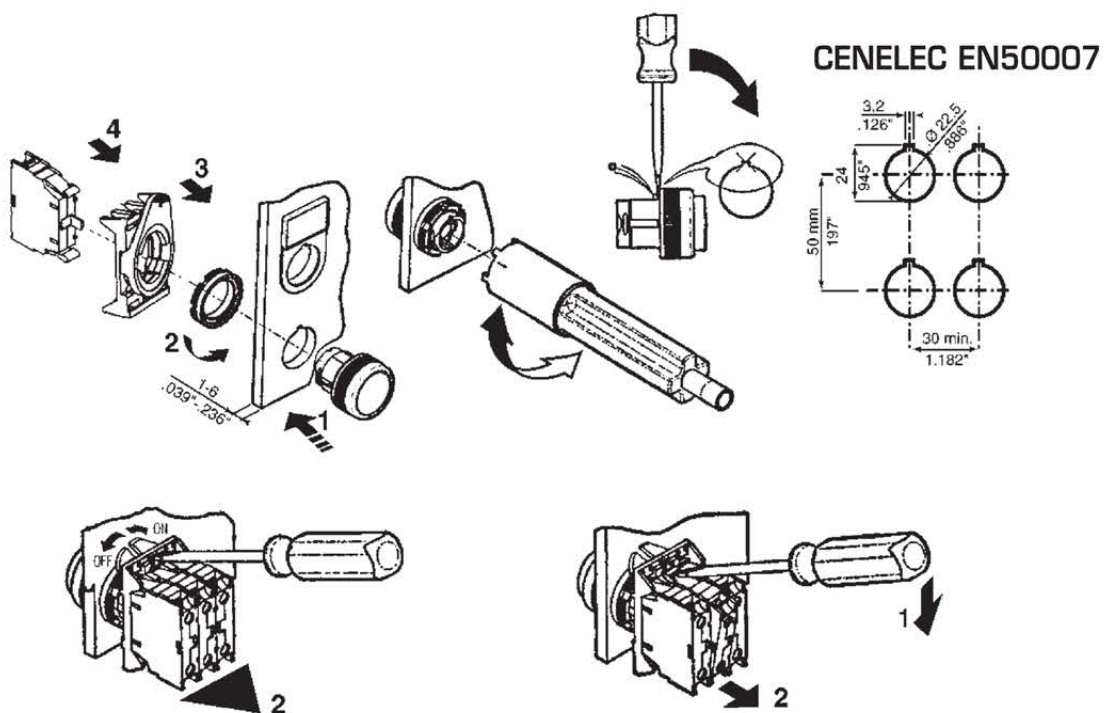
Assembly instructions



ASSEMBLY

- Modular
- Holes according to IEC/EN 60947-5-1, CENELEC EN50007

- Panel thickness from 1 up to 6 mm
- If not required, lock nuts can be easily removed by means of a screwdriver



CENELEC EN50007

5.0 mm
.197"
24
94.5°
197"
30 min.
1.182"
9.2
.126"
22.5
.886"



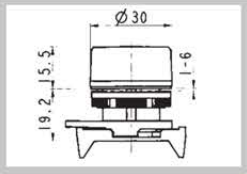







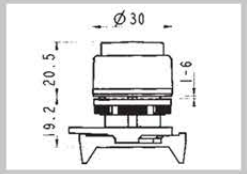







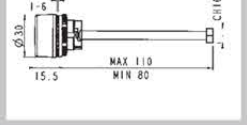


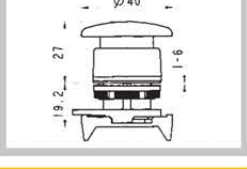




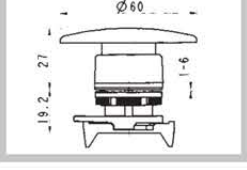


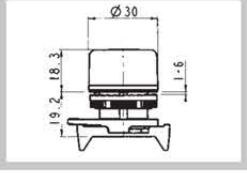







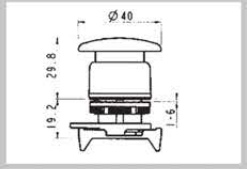


Pegasus

Push buttons \varnothing 22

With colour cap - Black line



AUTOMATION TECHNOLOGIES

| MOMENTARY | DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS | | | |
|---|---------------------------|---|------------------------------------|---|----------------|---|----|---|---|
|  | Flush push button |  | PPRN1 | 30 | 10 |  | | | |
| | |  | PPRN2 | 30 | 10 | | | | |
| | |  | PPRN3 | 30 | 10 | | | | |
| | |  | PPRN4 | 30 | 10 | | | | |
| | |  | PPRN5 | 30 | 10 | | | | |
| | |  | PPRN8 | 30 | 10 | | | | |
| | |  | Extended push button |  | PPSN1 | | 31 | 10 |  |
| | | | |  | PPSN2 | | 31 | 10 | |
|  | PPSN3 | | | 31 | 10 | | | | |
|  | PPSN4 | | | 31 | 10 | | | | |
|  | PPSN5 | | | 31 | 10 | | | | |
|  | PPSN8 | | | 31 | 10 | | | | |
|  | Flush reset push button | | |  | PPRN4R | 43 | 10 |  | |
|  | Mushroom \varnothing 40 | | |  | PPFN1M4N | 35 | 10 |  | |
| | |  | PPFN2M4N | 35 | 10 | | | | |
| | |  | PPFN3M4N | 35 | 10 | | | | |
|  | Mushroom \varnothing 60 |  | PPFN1M6N | 40 | 10 |  | | | |
| LATCHED | | | | | | | | | |
|  | Flush push button |  | PPPN1 | 32 | 10 |  | | | |
| | |  | PPPN2 | 32 | 10 | | | | |
| | |  | PPPN3 | 32 | 10 | | | | |
| | |  | PPPN4 | 32 | 10 | | | | |
| | |  | PPPN5 | 32 | 10 | | | | |
| | |  | PPPN8 | 32 | 10 | | | | |
| | |  | Mushroom operator \varnothing 40 |  | PPFN1S4N | | 35 | 10 |  |
| | | | |  | PPFN2S4N | | 35 | 10 | |
|  | PPFN3S4N | | | 35 | 10 | | | | |

Pegasus

Rotary switches ø 22

Standard and with lens - Black line

WITH SHORT OPERATOR



WITH LONG OPERATOR



WITH KEY



| POSITIONS | WITH SHORT OPERATOR | | WITH LONG OPERATOR | | KEY REMOVAL | | | CODE |
|-----------|---------------------|---------|--------------------|---------|-------------|---|---|----------|
| | COL. INDEX | CODE | COL. INDEX | CODE | L | O | R | |
| | ■ | PSMB1DO | ■ | PSLB1DO | | * | | PSCR8DOC |
| | ■ | PSMB2DO | ■ | PSLB2DO | | | | |
| | ■ | PSMB3DO | ■ | PSLB3DO | | | * | PSCR8DOE |
| | ■ | PSMB4DO | ■ | PSLB4DO | | | | |
| | □ | PSMB5DO | □ | PSLB5DO | | * | * | PSCR8DON |
| | ■ | PSMB8DO | ■ | PSLB8DO | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | ■ | PSMB1D2 | ■ | PSLB1D2 | | | | |
| | ■ | PSMB2D2 | ■ | PSLB2D2 | | | | |
| | ■ | PSMB3D2 | ■ | PSLB3D2 | | * | | PSCR8D2C |
| | ■ | PSMB4D2 | ■ | PSLB4D2 | | | | |
| | □ | PSMB5D2 | □ | PSLB5D2 | | | | |
| | ■ | PSMB8D2 | ■ | PSLB8D2 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | ■ | PSMB1T0 | ■ | PSLB1T0 | * | * | | PSCR8TOC |
| | ■ | PSMB2T0 | ■ | PSLB2T0 | | | | PSCR8TOA |
| | ■ | PSMB3T0 | ■ | PSLB3T0 | | | * | PSCR8TOE |
| | ■ | PSMB4T0 | ■ | PSLB4T0 | * | * | * | PSCR8TOG |
| | □ | PSMB5T0 | □ | PSLB5T0 | * | * | * | PSCR8TOH |
| | ■ | PSMB8T0 | ■ | PSLB8T0 | * | * | * | PSCR8TOK |
| | | | | | | * | * | PSCR8TON |
| | | | | | | | | |
| | ■ | PSMB1T3 | ■ | PSLB1T3 | | | | |
| | ■ | PSMB2T3 | ■ | PSLB2T3 | | | | |
| | ■ | PSMB3T3 | ■ | PSLB3T3 | | * | | PSCR8T3C |
| | ■ | PSMB4T3 | ■ | PSLB4T3 | | | | |
| | □ | PSMB5T3 | □ | PSLB5T3 | | | | |
| | ■ | PSMB8T3 | ■ | PSLB8T3 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | ■ | PSMB1T2 | ■ | PSLB1T2 | | * | | PSCR8T2C |
| | ■ | PSMB2T2 | ■ | PSLB2T2 | | | | |
| | ■ | PSMB3T2 | ■ | PSLB3T2 | * | | | PSCR8T2A |
| | ■ | PSMB4T2 | ■ | PSLB4T2 | | | | |
| | □ | PSMB5T2 | □ | PSLB5T2 | * | * | | PSCR8T2H |
| | ■ | PSMB8T2 | ■ | PSLB8T2 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | ■ | PSMB1T1 | ■ | PSLB1T1 | | * | | PSCR8T1C |
| | ■ | PSMB2T1 | ■ | PSLB2T1 | | | | |
| | ■ | PSMB3T1 | ■ | PSLB3T1 | | | * | PSCR8T1E |
| | ■ | PSMB4T1 | ■ | PSLB4T1 | | | | |
| | □ | PSMB5T1 | □ | PSLB5T1 | | * | * | PSCR8T1N |
| | ■ | PSMB8T1 | ■ | PSLB8T1 | | | | |
| | | | | | | | | |
| | | | | | | | | |

1 For standard rotary switches suitable to operate a central contact, replace the letter "B" with the letter "C": PSMC...

2 For rotary switches with Left-Right operating angles replace the letter "DO" with "SD" PSMB1DO or PSCR8SDE...
For key removal, see position 45° and relative final codes.

* Key removal position

Pegasus



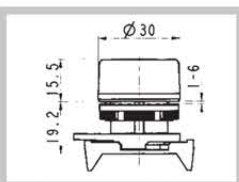






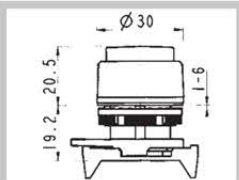






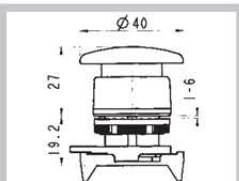
Push buttons $\varnothing 22$

With lens cap - Black line



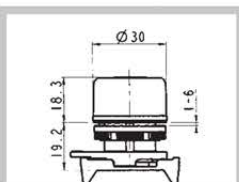






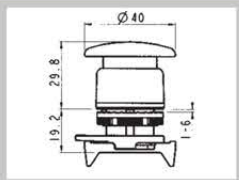




AUTOMATION TECHNOLOGIES



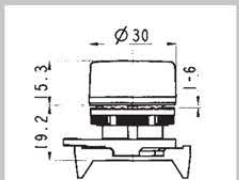




MOMENTARY PUSH BUTTONS

| | DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|------------------------------------|---|----------|-----------|----------------|---|
|  | Flush push button |  | PPRL1 | 30 | 10 |  |
| | |  | PPRL2 | 30 | 10 | |
| | |  | PPRL3 | 30 | 10 | |
| | |  | PPRL4 | 30 | 10 | |
| | |  | PPRL5 | 30 | 10 | |
|  | Extended push button |  | PPSL1 | 31 | 10 |  |
| | |  | PPSL2 | 31 | 10 | |
| | |  | PPSL3 | 31 | 10 | |
| | |  | PPSL4 | 31 | 10 | |
| | |  | PPSL5 | 31 | 10 | |
|  | Mushroom operator $\varnothing 40$ |  | PPFL1M4N | 35 | 10 |  |

LATCHED PUSH BUTTONS

| | | | | | | |
|---|------------------------------------|---|----------|----|----|---|
|  | Flush push button |  | PPPL1 | 32 | 10 |  |
| | |  | PPPL2 | 32 | 10 | |
| | |  | PPPL3 | 32 | 10 | |
| | |  | PPPL4 | 32 | 10 | |
| | |  | PPPL5 | 32 | 10 | |
|  | Mushroom operator $\varnothing 40$ |  | PPFL1S4N | 35 | 10 |  |
| | |  | PPFL2S4N | 35 | 10 | |
| | |  | PPFL3S4N | 35 | 10 | |

INDICATOR LIGHT

| | | | | | | |
|---|----------|---|-------|----|----|---|
|  | Flat cap |  | PLSL1 | 30 | 10 |  |
| | |  | PLSL2 | 30 | 10 | |
| | |  | PLSL3 | 30 | 10 | |
| | |  | PLSL4 | 30 | 10 | |
| | |  | PLSL5 | 30 | 10 | |

Pegasus

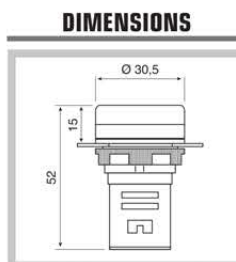
LED pilot lights \varnothing 22

With colour caps - Black line

LED PILOT LIGHTS



| DESCRIPTION | POWER SUPPLY | CODE | WEIGHT gr | MIN. PACK QTY. |
|-------------------------------------|------------------------|------------------------|-----------|----------------|
| Single LED indicator X1 — ⊗ — X2 | AC/DC 6V ¹ | PLML ² L6 | 15 | 10 |
| | AC/DC 12V ¹ | PLML ² L12 | 15 | 10 |
| | AC/DC 24V | PLML ² L24 | 15 | 10 |
| | AC/DC 48V | PLML ² L48 | 15 | 10 |
| | AC/DC 110V | PLML ² L110 | 15 | 10 |
| | AC 220V | PLML ² L220 | 15 | 10 |
| | AC 380V ¹ | PLML ² L380 | 15 | 10 |



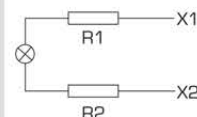
MAIN TECHNICAL DATAS

Comply with rules

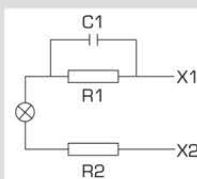
| | | | |
|---------------------------------------|-------------------|-------------------------|---|
| Operational temperature | C° | EN60947-5-1 - GB14048.5 | -5 +40 |
| Operational umidity | | | 45%90% |
| AC rated frequency | Hz | | 50/60 |
| Rated insulation voltage | 1 min. V | | 2500V |
| Over voltage category | EN60947.1 | | III |
| Pollution grade | EN60947.1 | | 3 |
| Protection degree | EN60529 | | IP65, IP2X terminals |
| Connection: | | | |
| Terminal block caliber | | | A2 |
| Terminal screw | | | M3,5 |
| Flexible and solid conductors section | min./max. | | n.1 1/2,5 mm ² - n.2 1/2,5 mm ² |
| Rated operational voltage Ue | AC/DC V | | 6 12, 24, 48, 110 |
| | AC V | | 220 - 380 |
| Rated operating current Ie | mA | | ≤ 80 6,12V |
| | mA | | ≤ 20 24, 48, 110, 220, 380 |
| Electrical life | h | | ≥ 30.000 |
| Brightness | cd/m ² | | ≥ 60 |
| Mounting | | | ∅ 22,5 |

DIAGRAM

Resistance



Capacity resistance

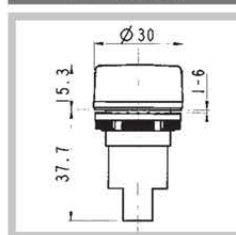


AC 220....380V

PILOT LIGHT



| DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. |
|--|------------|-------|-----------|----------------|
| Single lampholder indicator BA9s Lamp not included X1 — ⊗ — X2 AC/DC 250V max. 2W | ■ | PLML1 | 15 | 10 |
| | ■ | PLML2 | 15 | 10 |
| | ■ | PLML3 | 15 | 10 |
| | ■ | PLML4 | 15 | 10 |
| | □ | PLML5 | 15 | 10 |



¹ On demand execution

² Insert lens colour code: 1 - red, 2 - green, 3 - yellow, 4 - blue, 5 - white

Pegasus



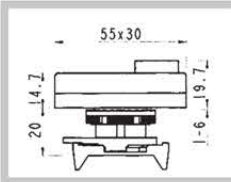


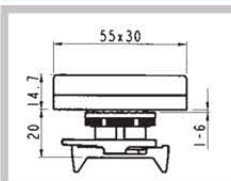



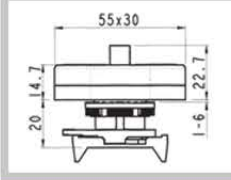
Multifunction push button \varnothing 22

Light and lens=multifunction push button light-lens - Black line



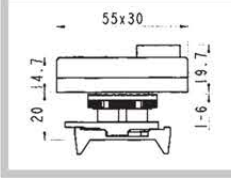



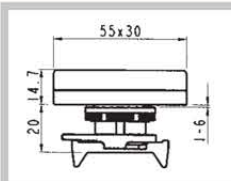



AUTOMATION TECHNOLOGIES

MULTIFUNCTION PUSH BUTTON - NOT LIGHT

| | DESCRIPTION | COL. - SYMBOL | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|------------------------|---|---------|-----------|----------------|---|
|  | Dual push button |  | PPDN | 38 | 10 |  |
|  | Flush dual push button |  | PPDNR | 38 | 10 |  |
| | |  | PPDNR.3 | 38 | 10 | |
|  | Triple push button |  | PPMN | 40 | 10 |  |

MULTIFUNCTION PUSH BUTTON - LIGHT

| | | | | | | |
|---|------------------------|---|---------|----|----|---|
|  | Dual push button |  | PPDL | 30 | 10 |  |
| | |  | PPDL.1 | 30 | 10 | |
|  | Flush dual push button |  | PPDLR | 30 | 10 |  |
| | |  | PPDLR.3 | 30 | 10 | |

Multi-function push buttons - Special symbols and text for horizontal assembly/identification are available on request



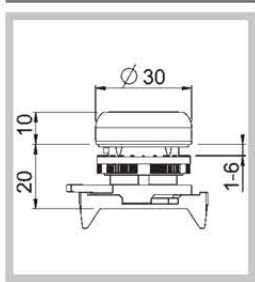







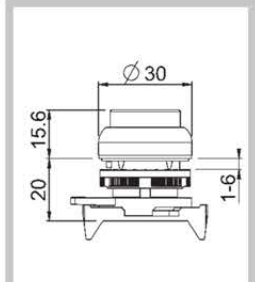







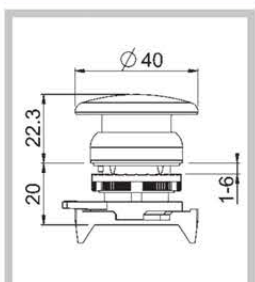


Pegasus

Push buttons \varnothing 22



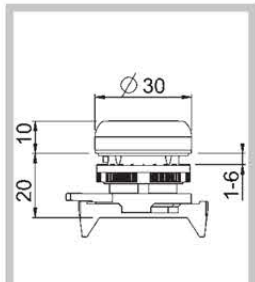





Not light - Nickel line - IP67



MOMENTARY PUSH BUTTONS

| | DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|---------------------------|---|------------|-----------|----------------|---|
|  | Flush Push Button |  | PPRN1NL | 30 | 10 |  |
| | |  | PPRN2NL | 30 | 10 | |
| | |  | PPRN3NL | 30 | 10 | |
| | |  | PPRN4NL | 30 | 10 | |
| | |  | PPRN5NL | 30 | 10 | |
| | |  | PPRN8NL | 30 | 10 | |
|  | Extended Push Button |  | PPSN1NL | 31 | 10 |  |
| | |  | PPSN2NL | 31 | 10 | |
| | |  | PPSN3NL | 31 | 10 | |
| | |  | PPSN4NL | 31 | 10 | |
| | |  | PPSN5NL | 31 | 10 | |
| | |  | PPSN8NL | 31 | 10 | |
|  | Mushroom \varnothing 40 |  | PPFN1M4NNL | 45 | 10 |  |
| | |  | PPFN2M4NNL | 45 | 10 | |
| | |  | PPFN3M4NNL | 45 | 10 | |

LATCHED PUSH BUTTONS

| | DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|-------------------|---|---------|-----------|----------------|---|
|  | Flush Push Button |  | PPPN1NL | 31 | 10 |  |
| | |  | PPPN2NL | 31 | 10 | |
| | |  | PPPN3NL | 31 | 10 | |
| | |  | PPPN4NL | 31 | 10 | |
| | |  | PPPN5NL | 31 | 10 | |
| | |  | PPPN8NL | 31 | 10 | |

Pegasus

Rotary Switches \varnothing 22

Not Light and Light - Nickel line - IP66

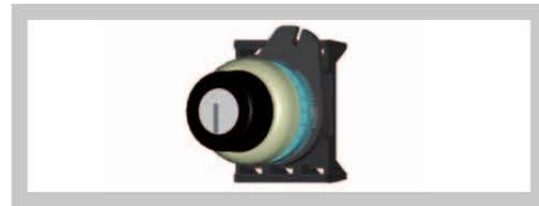


AUTOMATION TECHNOLOGIES

WITH SHORT OPERATOR



WITH KEY



| POSITIONS | COL. INDEX | CODE | KEY REMOVAL | | | CODE |
|-----------|------------|-----------|-------------|---|------------|------------|
| | | | L | O | R | |
| 90° | | PSMB1DONL | | * | | PSCR8DOCNL |
| | | PSMB2DONL | | | | |
| | | PSMB3DONL | | | | |
| | | PSMB4DONL | | | * | PSCR8DOENL |
| | | PSMB5DONL | | * | * | PSCR8DONNL |
| | | PSMB8DONL | | | | |
| 45° | | PSMB1D2NL | | | | PSCR8D2CNL |
| | | PSMB2D2NL | | | | |
| | | PSMB3D2NL | | * | | |
| | | PSMB4D2NL | | | | |
| | | PSMB5D2NL | | | | |
| | | PSMB8D2NL | | | | |
| 45° | | PSMB1TONL | | * | | PSCR8TOCNL |
| | | PSMB2TONL | * | | | PSCR8TOANL |
| | | PSMB3TONL | | | * | PSCR8TOENL |
| | | PSMB4TONL | * | * | * | PSCR8TOGNL |
| | | PSMB5TONL | * | * | * | PSCR8TOHNL |
| | | PSMB8TONL | * | * | * | PSCR8TOKNL |
| | | | | | PSCR8TONNL | |
| 45° | | PSMB1T3NL | | | | PSCR8T3CNL |
| | | PSMB2T3NL | | | | |
| | | PSMB3T3NL | | * | | |
| | | PSMB4T3NL | | | | |
| | | PSMB5T3NL | | | | |
| | | PSMB8T3NL | | | | |
| 45° | | PSMB1T2NL | | * | | PSCR8T2CNL |
| | | PSMB2T2NL | | | | |
| | | PSMB3T2NL | * | | | PSCR8T2ANL |
| | | PSMB4T2NL | | | | |
| | | PSMB5T2NL | * | * | | PSCR8T2HNL |
| | | PSMB8T2NL | | | | |
| 45° | | PSMB1T1NL | | * | | PSCR8T1CNL |
| | | PSMB2T1NL | | | | |
| | | PSMB3T1NL | | | * | PSCR8T1ENL |
| | | PSMB4T1NL | | | | |
| | | PSMB5T1NL | | * | * | PSCR8T1NNL |
| | | PSMB8T1NL | | | | |

1 The rotary switches with out light suitable to operate a central contact, replace the letter "B" with the letter "C": PSMC....

2 For rotary switches with Left-Right operating angles replace the letter "DO" with "SD" PSMB1DO or PSCR8SDE...
For key removal, see position 45° and relative final codes.

* Key removal position



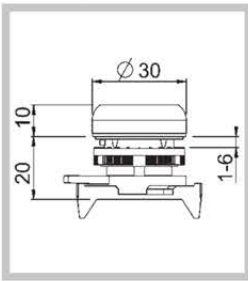






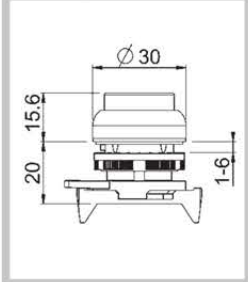






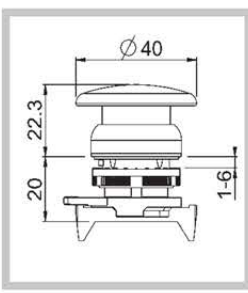
Pegasus

Push buttons \varnothing 22



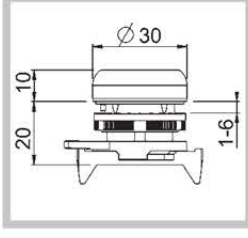




With lens cap - Nickel line - IP67



MOMENTARY PUSH BUTTONS

| | DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|---------------------------|---|------------|-----------|----------------|---|
|  | Flush Push Button |  | PPRL1NL | 30 | 10 |  |
| | |  | PPRL2NL | 30 | 10 | |
| | |  | PPRL3NL | 30 | 10 | |
| | |  | PPRL4NL | 30 | 10 | |
| | |  | PPRL5NL | 30 | 10 | |
|  | Extended Push Button |  | PPSL1NL | 31 | 10 |  |
| | |  | PPSL2NL | 31 | 10 | |
| | |  | PPSL3NL | 31 | 10 | |
| | |  | PPSL4NL | 31 | 10 | |
| | |  | PPSL5NL | 31 | 10 | |
|  | Mushroom \varnothing 40 |  | PPFL1M4NNL | 43 | 10 |  |

LATCHED PUSH BUTTONS

| | DESCRIPTION | COL. INDEX | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|-------------------|---|---------|-----------|----------------|---|
|  | Flush Push Button |  | PPPL1NL | 31 | 10 |  |
| | |  | PPPL2NL | 31 | 10 | |
| | |  | PPPL3NL | 31 | 10 | |
| | |  | PPPL4NL | 31 | 10 | |
| | |  | PPPL5NL | 31 | 10 | |



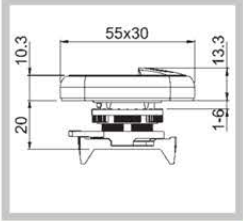


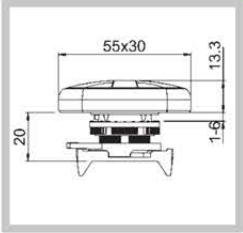


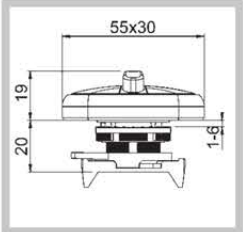
Pegasus

Multi function push buttons ø 22
Nickel line - IP67



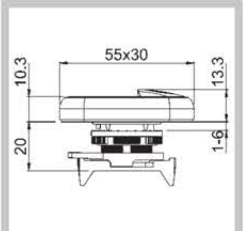



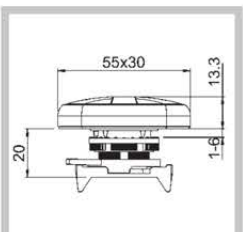


AUTOMATION TECHNOLOGIES

MULTI FUNCTION PUSH BUTTONS

| | DESCRIPTION | COL. - SYMBOL | CODE | WEIGHT gr | Min. Pack Qty. | DIMENSIONS |
|---|-----------------------|---|---------|-----------|----------------|---|
|  | Dual Push Button |  | PPDNNL | 38 | 10 |  |
|  | Extended Push Button |  | PPDNSNL | 38 | 10 |  |
|  | Triple multi function |  | PPMNSNL | 40 | 10 |  |

MULTI FUNCTION PUSH BUTTONS - WITH LIGHT-LENS

| | | | | | | |
|---|-----------------------------|---|----------|----|----|---|
|  | Dual Push Button |  | PPDLNL | 38 | 10 |  |
| | |  | PPDLNL.1 | 38 | 10 | |
|  | Extended double push button |  | PPDLSNL | 38 | 10 |  |



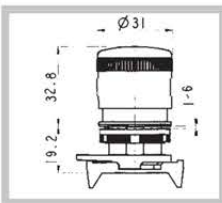


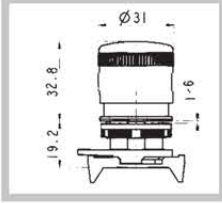


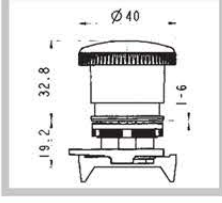


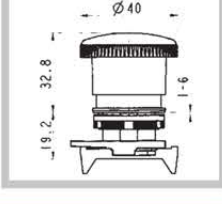


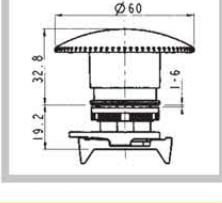



1 On demand execution

Multifunction push buttons - On demand we can provide special symbol or writings for horizontal mounting/reading

Pegasus

Emergency push buttons \varnothing 22

EN ISO 13850


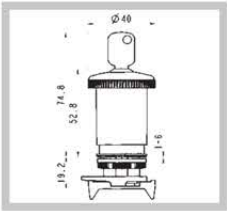

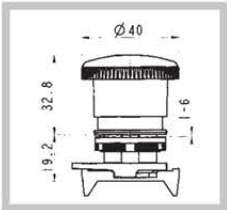

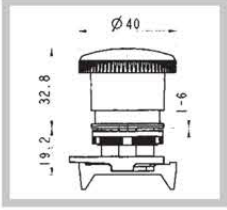

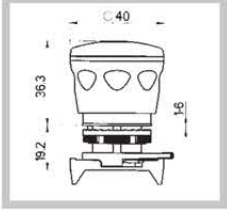
| | DESCRIPTION | COLOUR | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|---|---|----------|-----------|----------------|---|
|  | Mushroom operator \varnothing 30 twist to release |  | PPFN1R3N | 42 | 10 |  |
|  | Mushroom operator with vision \varnothing 30 twist to release |  | PPFN1R3S | 44 | 10 |  |
|  | Mushroom operator \varnothing 40 twist to release |  | PPFN1R4N | 44 | 10 |  |
|  | Mushroom operator with vision \varnothing 40 twist to release |  | PPFN1R4S | 46 | 10 |  |
|  | Mushroom operator \varnothing 60 twist to release |  | PPFN1R6N | 50 | 10 |  |
|  | Mushroom operator with vision \varnothing 60 twist to release |  | PPFN1R6S | 52 | 10 |  |

Pegasus

Emergency push buttons ø 22 EN ISO 13850



AUTOMATION TECHNOLOGIES

| | DESCRIPTION | COLOUR | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|--|--------|----------|-----------|----------------|---|
|  | Mushroom operator ø 40 with key release | ■ | PPFN1C4N | 76 | 10 |  |
|  | Mushroom operator ø 40 push-pull | ■ | PPFN1P4N | 44 | 10 |  |
|  | Mushroom operator ø 40 push-pull with vision | ■ | PPFN1P4S | 46 | 10 |  |
|  | Mushroom operator ø 40 push-pull with colour cap | ■ | PPFN1P4C | 45 | 10 |  |
| | Mushroom operator ø 40 push-pull with lens cap | ■ | PPFL1P4N | 45 | 10 | |

TECHNICAL NOTES

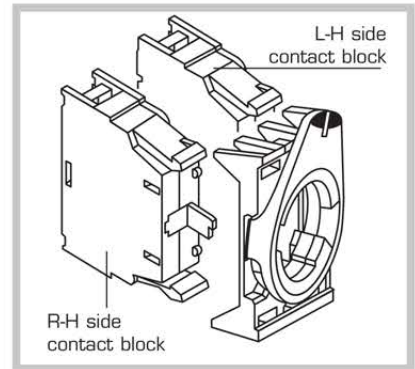
- All operators comply with the relevant European standard
- EN ISO 13850 Machine safety Emergency stop operators, functional characteristics - Design guidelines
- IEC/EN60947-5-1
- Comply with the standard IEC/EN60204-1: Machine safety Machine electrical circuits General guidelines
- The push buttons are designed with a load charge mechanism to ensure a reliable operation and stoppage, or blockage, in the activated position. The combination with positive switching NC \ominus contacts and the presence of the "status" indicator on some models, guarantee a high degree of reliability and effectiveness.

Pegasus

Joystick operators $\varnothing 22$ IP65

JOYSTICK OPERATORS

| CONTACT BLOCKS | | 2 POSITIONS | | | | | | 4 POSITIONS | | | | |
|-------------------------------|----|-------------|---|---|----------|---|---|-------------|---|---|---|---|
| | | HORIZONTAL | | | VERTICAL | | | 3 | 1 | 0 | 2 | 4 |
| | | 1 | 0 | 2 | 1 | 0 | 2 | | | | | |
| Left-hand side contact block | NO | X | 0 | 0 | 0 | 0 | X | X | 0 | 0 | 0 | 0 |
| | NC | 0 | 0 | X | X | 0 | 0 | 0 | 0 | 0 | 0 | X |
| Right-hand side contact block | NO | 0 | 0 | X | X | 0 | 0 | 0 | X | 0 | 0 | 0 |
| | NC | X | 0 | 0 | 0 | 0 | X | 0 | 0 | 0 | X | 0 |



X Contact close
0 Contact open

POSITIONS

WEIGHT gr

MIN. PACK QTY.

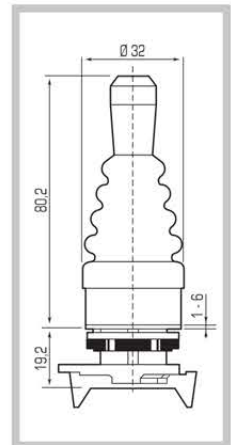
DIMENSIONS



| | | | |
|---------|---------|---------|---------|
| | | | |
| CODE | CODE | CODE | CODE |
| PMJN8T0 | PMJN8T3 | PMJN8Q0 | PMJN8Q4 |
| | | | |
| CODE | CODE | | |
| PMJN80S | PMJN80R | | |

54

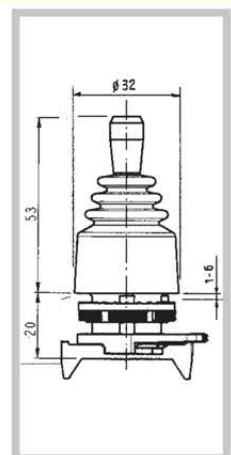
5



| | | | |
|----------|----------|----------|----------|
| | | | |
| CODE | CODE | CODE | CODE |
| PMJN8T01 | PMJN8T31 | PMJN8Q01 | PMJN8Q41 |
| | | | |
| CODE | CODE | | |
| PMJN80S1 | PMJN80R1 | | |

54

5



Pegasus

Contact blocks

Spring loaded Terminals



AUTOMATION TECHNOLOGIES

SPRING LOADED TERMINALS

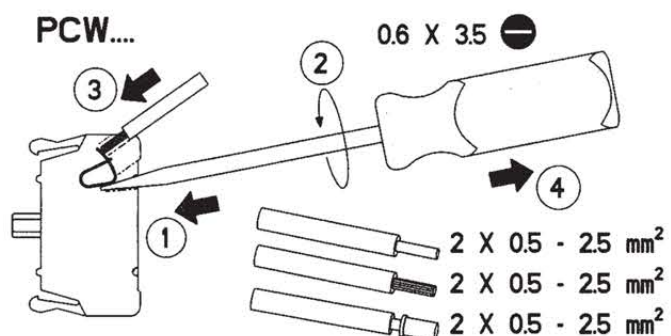
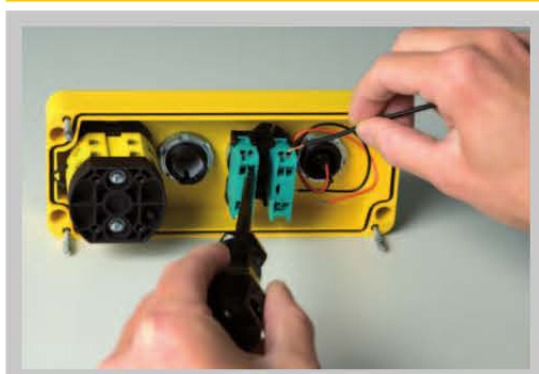
| | | CONTACT BLOCKS | | | |
|-------------|-----------|----------------|------------|-------|--|
| DESIGNATION | FUNCTIONS | CODE | DIMENSIONS | | |
| | | | | PCW01 | |
| | | | | PCW10 | |

LAMPHOLDER BA9s

| DESIGNATION | POWER SUPPLY | CODE | DIMENSIONS |
|-------------|---|-------|------------|
| | BA9s lamp socket 250V 2,4 w max bulb not included | PCWAD | |

LAMPHOLDER WITH BUILT-IN LED

| DESIGNATION | POWER SUPPLY | CODE | DIMENSIONS |
|-------------|--------------|----------|------------|
| | AC/DC 12V | PCW5L12 | |
| | AC/DC 24V | PCW5L24 | |
| | AC/DC 48V | PCW5L48 | |
| | AC/DC 110V | PCW5L110 | |
| | AC 220V | PCW5L220 | |


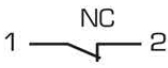

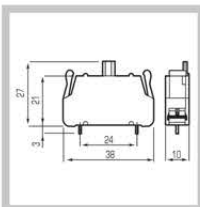




Pegasus



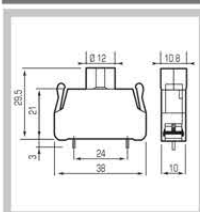
Contact blocks

Welding terminals



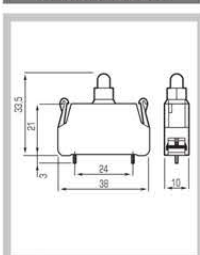
CONTACT BLOCKS

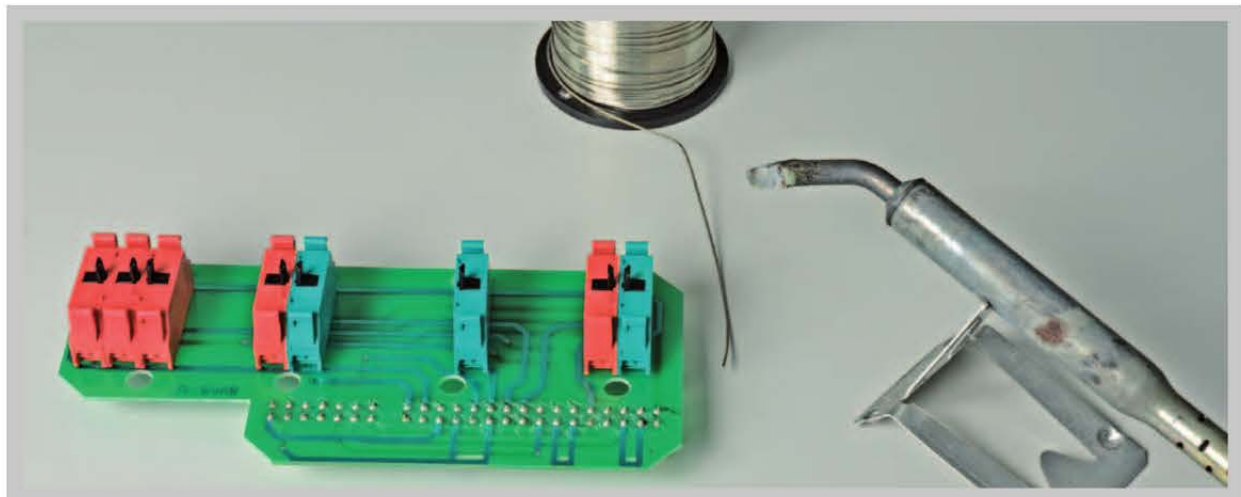
| | | CONTACT BLOCKS | | | |
|---|------------|---|--|-------|---|
| DESIGNATION | | FUNCTIONS | | CODE | DIMENSIONS |
|  | 1 — NC — 2 |  |  | PSC01 |  |
| | 3 — NO — 4 |  |  | PSC10 | |

LAMPHOLDER BA9s

| DESIGNATION | POWER SUPPLY | CODE | DIMENSIONS |
|---|---|-------|--|
|  X1 —  — X2 | BA9s lamp socket 250V 2,4 w max bulb not included | PSCAD |  |

LAMPHOLDER WITH BUILT-IN LED

| DESIGNATION | POWER SUPPLY | CODE | DIMENSIONS |
|--|--------------|----------|---|
|  X1 —  — X2 | AC/DC 12V | PSC5L12 |  |
| | AC/DC 24V | PSC5L24 | |
| | AC/DC 48V | PSC5L48 | |
| | AC/DC 110V | PSC5L110 | |
| | AC 220V | PSC5L220 | |



Pegasus


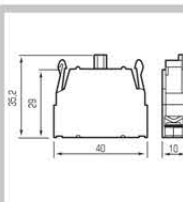
Contact blocks

Screw terminals

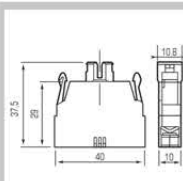


AUTOMATION TECHNOLOGIES


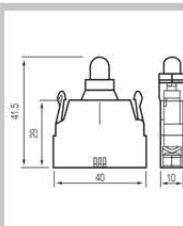
CONTACT BLOCKS

| CONTACT BLOCKS | | | |
|---|---|-------------------------------------|---|
| DESIGNATION | FUNCTIONS | CODE | DIMENSIONS |
|  | <p>NC 1 — 2</p> <p>NO 3 — 4</p> | <p>0 1,5 6 mm</p> <p>0 3,5 6 mm</p> |  |
| | | <p>PL004001</p> <p>PL004002</p> | |

LAMPHOLDER BA9s

| DESIGNATION | POWER SUPPLY | CODE | DIMENSIONS |
|--|---|----------|--|
|  | <p>X1 — X2</p> <p>BA9s lamp socket 250V 2,4 w max bulb not included</p> | PL004007 |  |


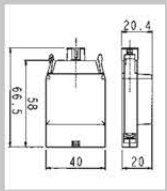

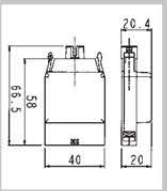

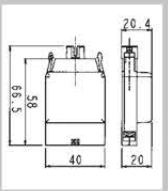
LAMPHOLDER WITH BUILT-IN LED

| DESIGNATION | POWER SUPPLY | CODE | DIMENSIONS |
|--|--------------|------------|---|
|  <p>X1 — X2</p> | AC/DC 12V | PL0045L12 |  |
| | AC/DC 24V | PL0045L24 | |
| | AC/DC 48V | PL0045L48 | |
| | AC/DC 110V | PL0045L110 | |
| | AC 220V | PL0045L220 | |

POWER SUPPLY WITH DIODE AND RESISTORS

POWER SUPPLY WITH TRANSFORMER

POWER SUPPLY WITH FLASHING LIGHT



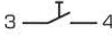
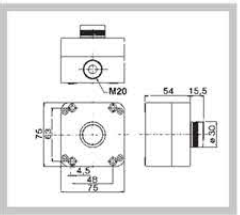

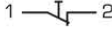


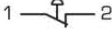
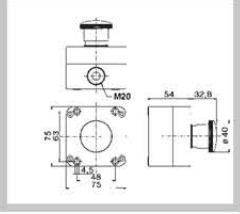


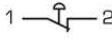
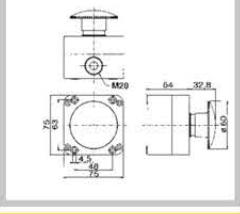



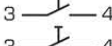

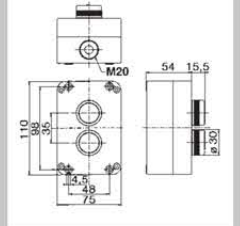



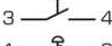
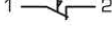
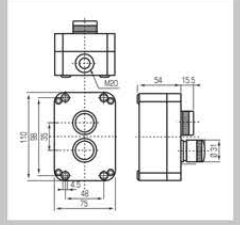




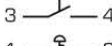
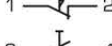
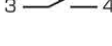
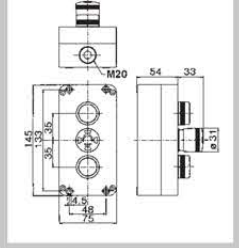
| | | | | | |
|---|---|--|---|--|---|
|  |  |  |  |  |  |
| <p>1 BA9s</p> <p>110/130V Lamp 4B/60V -2W max</p> <p>220/240V Lamp 110/130V -2W max</p> <p>X1 — X2</p> | <p>PL004RD1</p> <p>PL004RD2</p> | <p>1 BA9s</p> <p>Input 110/130V Output 24V</p> <p>Input 220/240V Output 24V</p> <p>Input 380/440V Output 24V</p> <p>X1 — X2</p> | <p>PL004TR1</p> <p>PL004TR2</p> <p>PL004TR3</p> | <p>1 BA9s</p> <p>24V Lamp 24V-2,6 max</p> <p>110/130V 110/130V-2,6 max</p> <p>X1 — X2</p> | <p>PL004LA1</p> <p>PL004LA2</p> |

1 Lamp supply separately

Pegasus

Push button stations

IP65 □ - Screw terminal contact blocks

| | DESCRIPTION | COL. | DESIGNATION | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|---|---|---|---------|-----------|----------------|---|
|  | Flush push button |  |  | PQ01RN2 | 176 | 1 |  |
| | |  |  | PQ01RN1 | 176 | 1 | |
|  | Emergency stop Ø 40 not latching |  |  | PQ01M4N | 192 | 1 |  |
|  | Emergency stop Ø 60 not latching |  |  | PQ01M6N | 198 | 1 |  |
|  | With nr.2 push buttons |   |   | PQ02B | 264 | 1 |  |
|  | With nr.1 push button and nr.1 emergency EN ISO 13850 |   |   | PQ02A | 264 | 1 |  |
|  | With nr.2 push button and nr.1 emergency EN ISO 13850 |    |    | PQ03B | 362 | 1 |  |


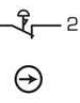

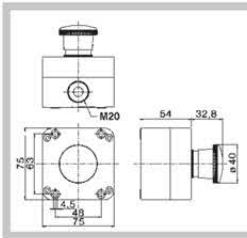

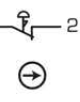

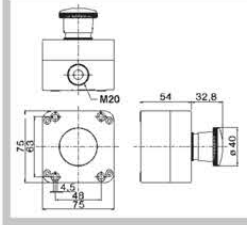

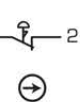

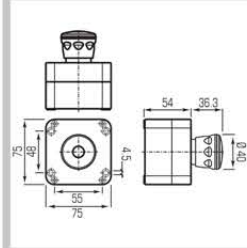

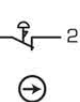

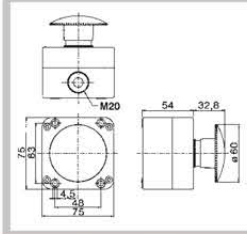
Pegasus

Push button stations EN ISO 13850


IP65 □ - Screw terminal contact blocks



AUTOMATION TECHNOLOGIES

| | DESCRIPTION | COL. | DESIGNATION | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|--|------|--|----------------------|-----------|----------------|---|
|  | Emergency stop ø 40 twist to release | ■ | 1  2  | PQ01R4N | 190 | 1 |  |
|  | Emergency stop ø 40 push-pull | ■ | 1  2  | PQ01P4N | 192 | 1 |  |
|  | Emergency stop pushbutton ø 40 push-pull with vision | ■ | 1  2  | PQ01P4L ¹ | 190 | 1 |  |
|  | Emergency stop ø 60 push-pull | ■ | 1  2  | PQ01P6N | 198 | 1 |  |

NOTE TECNICHE



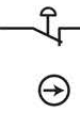

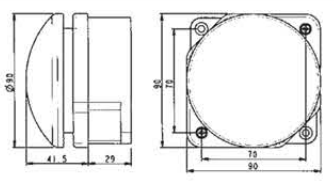


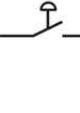

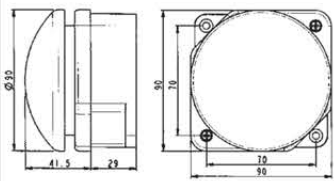


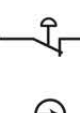

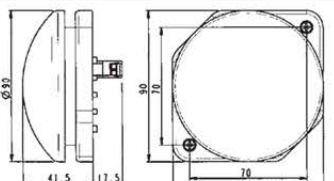
- All operators comply with the relevant European standard
- EN ISO 13850 Machine safety Emergency stop operators, functional characteristics - Design guidelines
- IEC/EN60947-5-1
- Comply with the standard IEC/EN60204-1: Machine safety Machine electrical circuits General guidelines
- The push buttons are designed with a load charge mechanism to ensure a reliable operation and stoppage, or blockage, in the activated position. The combination with positive switching NC  contacts and the presence of the "status" indicator on some models, guarantee a high degree of reliability and effectiveness.

¹ Add supply voltage code: for AC/DC 12V, 24V, 48V, 110V = L12, L24, L48, L110 ; for 220V = L220

Pegasus

Control station with mushroom \varnothing 90

IP 66 Contact blocks spring loaded terminals

| | DESCRIPTION | COLOUR | CONTACT BLOCK | CODE | DIMENSIONS |
|---|--|---|--|----------|---|
|  | Mushroom head momentary |  | .1  .2  | PG1M9W01 |  |
|  | Mushroom head momentary |  | .3  .4  | PG8M9W10 |  |
|  | Mushroom head momentary flush mounting |  | .1  .2  | PR1M9W01 |  |

ELECTRICAL CHARACTERISTICS

- Protectione EN60529 IP 66
- Double insulated
- Number contact capacity max.3 contact blocks
- Cable entry with 3 holes Pg 13,5/M20
- Ambient temperature: operating -25 +70°C
storage -30 +70°C
- Climate protection: IEC 68 2-3 , 2-30
- Terminals referencing: EN 50013
- Colors: Red mushroom RAL 3000,
Giovenzana yellow cover,
Black box RAL 9005,
Black mushroom RAL 3000,
Grey cover RAL 7035,
Black box RAL 3000



Pegasus

Push button station enclosures

IP65 Push button station enclosures





AUTOMATION TECHNOLOGIES

| DESCRIPTION | CODE | | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|-----------------------|--------------------|---------|-----------|----------------|------------|
| | FRONT COVER COLOUR | | | | |
| | | | | | |
| 1 hole enclosure | PQ01K | - | 134 | 1 | |
| 1 hole enclosure | - | PQ01KGN | 134 | 1 | |
| 2 holes enclosure | PQ02K | PQ02KGN | 174 | 1 | |
| 3 holes enclosure | PQ03K | PQ03KGN | 214 | 1 | |
| 4 holes enclosure | PQ04K | PQ04KGN | 256 | 1 | |

Pegasus

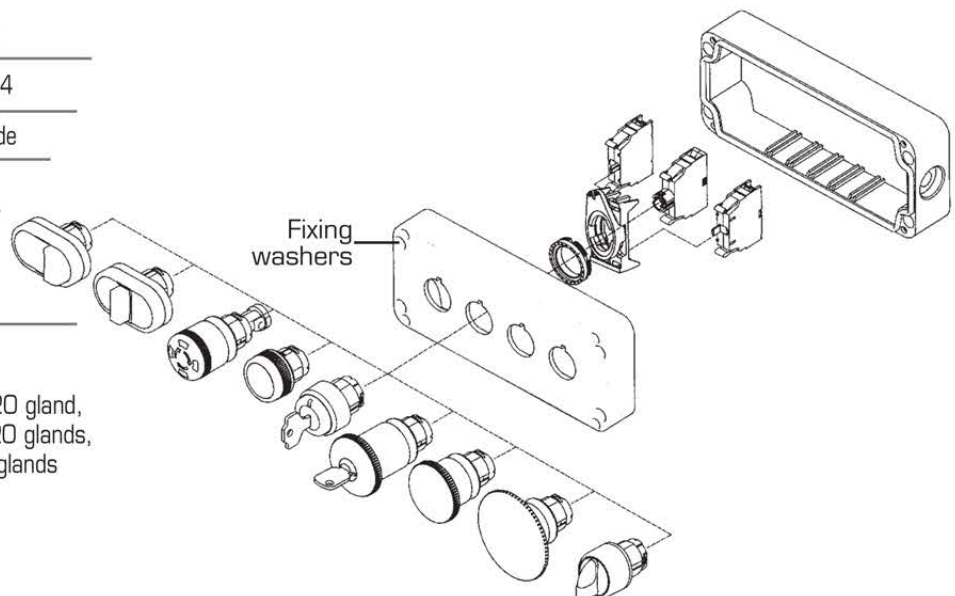
Push button station enclosures

IP65 Push button station enclosures

| | DESCRIPTION | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|-------------------|---|-------------------|----------------|------------|
|  | 5 holes enclosure | FRONT COVER COLOUR <input type="checkbox"/> <input type="checkbox"/> | | 296 | 1 |
| | | PQ05K | PQ05KGN | | |
|  | 6 holes enclosure | FRONT COVER COLOUR <input type="checkbox"/> <input type="checkbox"/> | | 386 | 1 |
| | | PQ06K | PQ06KGN | | |
| CHARATERISTICS | | | ASSEMBLING | | |



- ABS self-extinguishing material
- Self-extinguishing class VO UL94
- EN60529 IP65 protection grade
- Double insulation
- Black box RAL9005
yellow cover GGT
and grey cover RAL7035
- Threaded cable entry with membrane conduit knock:
1 hole box nr.1 M16 + 1 M20 gland,
from 2 upto 5 holes nr.2 M20 glands,
6 holes nr.1 M20 + 1 M25 glands



Pegasus

Control auxiliaries \varnothing 22

Pneumatic valve adapters



AUTOMATION TECHNOLOGIES


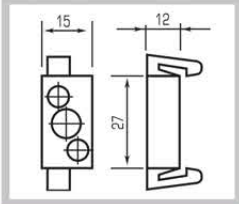

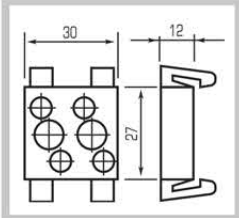
Pegasus control auxiliaries are suitable for operating certain type of pneumatic or micro valves. Push buttons can be used for such applications using a set of adapters and supports.

The operators suitable for this use are the following:




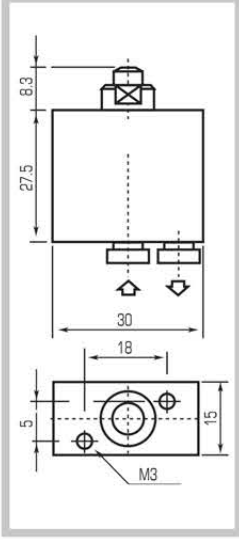
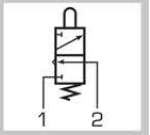
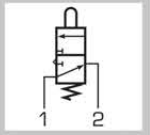
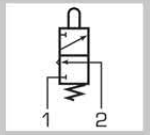
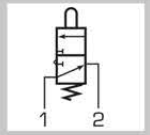
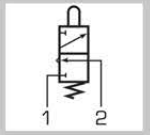
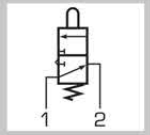
- Standard push buttons with colour cap
- Mushroom operators
- Rotary and key operators

Adapters are supplied with an actuator to operate the pneumatic valve.



| | DESCRIPTION | CODE | WEIGHT gr | MIN. PACK QTY. | DIMENSIONS |
|---|---|------|-----------|----------------|---|
|  | Single adapter (for 1 valve) 1 | AVP1 | 5 | 10 |  |
|  | Twin adapter (for 2 valves) 1 | AVP2 | 10 | 10 |  |

3/2 NC - 3/2 NO MICROVALVE - 2÷10 BAR

| | | | | | |
|---|---|--|---|---|--|
|  |  |  |  | | |
| BOTTOM \varnothing 4 CABLE ENTRY | SIDE \varnothing 4 CABLE ENTRY | TAPPED M5 BOTTOM CABLE ENTRY | | | |
| 3/2 NC 3/2 NA | 3/2 NC 3/2 NA | 3/2 NC 3/2 NA | | | |
|  |  |  |  |  |  |
| CODE | CODE | CODE | CODE | CODE | CODE |
| V304MA | V314MA | V304MAL | V314MAL | V305MA | V315MA |

1 Complete with actuator to operate the valve or valves/To be installed in the centre of the operator

Pegasus

Control auxiliaries ø 22

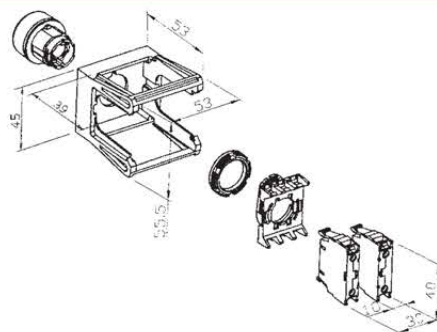
Accessories

DIN RAIL MOUNTING ADAPTOR

DIN EN50022 rail mounting for 46 mm standardised enclosures grey RAL 7035



11708351



PROTECTION CAPS



FOR FLUSH PUSH BUTTON



FOR EXTENDED PUSH BUTTON



FOR MULTIFUNCTION - SERIES/TYPE

| | Black line Type | CODE | Nickel line Type | CODE |
|--------------------|-----------------|------|------------------|-------|
| Black line Series | PCR | PCD | PPDNNL-PPDLNL | PCDNL |
| Nickel line Series | PCRNL | PCM | PPMNNL | PCMNL |
| Black line Series | PCS | PCN | PPDNRNL-PPDLRNL | PCNNL |
| Nickel line Series | PCSNL | | | |

CENTRAL CONTACT OPERATION

(selectors excluded)



FOR PUSH BUTTONS STABLE-UNSTABLE
Black Line Series

PAC

KEY FIXING BULB EXTRACTOR



PCF

STOPPER CLOSING HOLES ø 22,5



PTRN8

FASTON CONNECTORS AND FOR PCB



TO SCREW CONTACTS PL.
FASTON 6,3x0,8

PCB

11708341

11708235

CONTACTS SUPPORT



TO CONTACT ELEMENTS PL., PCW, PSC. AND POWER SUPPLY

PPELN8

ON REQUEST

SPECIAL FRAMES

The auxiliary control "Nickel line" Series can be supplied with seals in different types of galvanic treatment. When ordering in different types replace the letters "NL" code with the corresponding letters of execution request: PPRN1NL becomes PPRN1SL (Sahara line)



Sahara line

SL



Grey line

GL



Copper line

RL



Pegasus

Operator caps ø 22

Buttons with symbols - Tags

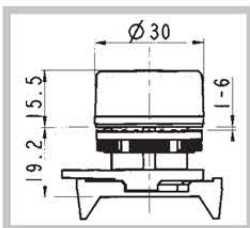


AUTOMATION TECHNOLOGIES

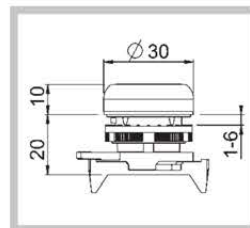
MOMENTARY AND LATCHED, FLUSH PUSH BUTTONS



Black line



Nickel line



| SYMBOL | COLOUR AND TYPE | CODE Black line | CODE Nickel line | SYMBOL | COLOUR AND TYPE | CODE Black line | CODE Nickel line |
|--------|-----------------|-----------------|------------------|--------|-----------------|-----------------|------------------|
| | GREEN | PPRN2/I | PPRN2NL/I | | RED | PPRN1/OFF | PPRN1NL/OFF |
| | RED | PPRN1/O | PPRN1NL/O | | WHITE | PPRN5/F | PPRN5NL/F |
| | GREEN | PPRN2/II | PPRN2NL/II | | BLACK | PPRN8/F | PPRN8NL/F |
| | GREEN | PPRN2/START | PPRN2NL/START | | GREEN | PPRN2/EIN | PPRN2NL/EIN |
| | RED | PPRN1/STOP | PPRN1NL/STOP | | RED | PPRN1/AUS | PPRN1NL/AUS |
| | GREEN | PPRN2/ON | PPRN2NL/ON | | | | |

EMERGENCY STOP RING



Ø 60 Made of aluminium
Yellow background - black letters
Weight 3.5 gr
Min. packing qty. 10 pcs.

| TEXT | CODE |
|----------------|-------|
| Blank | PTE |
| STOP EMERGENZA | PTE/I |
| EMERGENCY STOP | PTE/A |
| NOT AUS | PTE/D |

LEGEND PLATE



PPTN8



| TEXT | CODE |
|---------|-------|
| (Blank) | PTA00 |
| MARCIA | PTA01 |
| ARRESTO | PTA02 |

LABEL

| TEXT | CODE | TEXT | CODE |
|------------|-------|----------------|-------|
| I O II | PTA03 | EIN | PTA12 |
| O I | PTA04 | AUS | PTA13 |
| I → O ← II | PTA17 | STOP | PTA14 |
| CHIUDE | PTA05 | START | PTA15 |
| APRE | PTA06 | RESET | PTA16 |
| EMERGENZA | PTA07 | AUT O MAN | PTA18 |
| MANUALE | PTA08 | INS. - DISINS. | PTA26 |
| AUTOMATICO | PTA09 | HAND OFF AUTO | PTA27 |
| AVANTI | PTA10 | FORW OFF REV | PTA28 |
| INDIETRO | PTA11 | ON OFF | PTA29 |

Pegasus

Technical data

Electrical characteristics

CONTACT BLOCKS

IEC/EN 60947-5-1 CHARACTERISTICS

| | | PLO04001 - PLO04002 | | | | | | | | PCW01-PCW10 PSC01-PSC10 | | | | | | | |
|---|----|---------------------|--|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|--|
| Rated insulation voltage U_i | V | 690 V* | | | | | | | | 690 V* | | | | | | | |
| Rated impulse withstand voltage U_{imp} | kV | 4* | | | | | | | | 4* | | | | | | | |
| Operating frequency | Hz | 50/60* | | | | | | | | 50/60* | | | | | | | |
| Rated thermal current I_{th} | A | 16* | | | | | | | | 16* | | | | | | | |
| Rated thermal current enclosed I_{the} | A | 10* | | | | | | | | 10* | | | | | | | |

RATED OPERATING CURRENT I_e :

| | | PLO04001 - PLO04002 | | | | | | | | PCW01-PCW10 PSC01-PSC10 | | | | | | | |
|---|-------------|------------------------------------|-----|------|-----|-------|-----|-----|-----|---------------------------|-----|-----|-----|------|-----|-----|-----|
| AC15: alternate current | V | 24 | 60 | 110 | 230 | 400 | 440 | 500 | 690 | 24 | 60 | 110 | 240 | 400 | 440 | 500 | 690 |
| | A | 16* | 12 | 8 | 6 | 4,5 | 3,5 | 1* | 1 | 16* | 12* | 5 | 5* | 4 | 4 | 4* | 2* |
| DC13: direct current | V | 24 | 48 | 60 | 110 | 220 | | | | 24 | 48 | 60 | 110 | 250 | | | |
| | A | 2* | 1,2 | 0,85 | 0,4 | 0,25* | | | | 2 | 2* | 1* | 0,4 | 0,4* | | | |
| Conditional short circuit withstand current | A | 1000* | | | | | | | | 1000* | | | | | | | |
| Fuse rating gG | 500 V | 10A* | | | | | | | | 10A* | | | | | | | |
| Contact insulation resistance | m Ω | <25 | | | | | | | | <25 | | | | | | | |
| Switching mechanism | | Slow break double gap contacts | | | | | | | | | | | | | | | |
| Contact duty | | ⊕ NC contact with positive opening | | | | | | | | | | | | | | | |
| Minimum tripping force | | 4N | | | | | | | | 4N | | | | | | | |
| Electrical life AC15 | mil. cycles | 1A/1,5 - 2A/0,5 - 3A/0,25 | | | | | | | | 1A/1,5 - 2A/0,5 - 3A/0,25 | | | | | | | |

UL 508 CHARACTERISTICS

| | | | | | | | | | | | | | | | | | |
|--------------------------|--|--------------------------|--|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|--|
| General use | | 10A-600V ac 2,5A-125V dc | | | | | | | | 10A-600V ac 2,5-125V dc | | | | | | | |
| Heavy Duty (HD) category | | A600-Q600 | | | | | | | | A600-Q600 | | | | | | | |

LED PILOT LAMP

IEC/EN 60947-5-1 CHARACTERISTICS

| | | LED PLML.L | | | | | BA9s - PLML. | | | |
|--------------------------------------|-------------------|-----------------------------------|--|--|--|--|--------------|--|--|--|
| Rated insulation voltage U_i AC/DC | V | 6 - 12 - 24 - 48 - 110 - 220 | | | | | 250 | | | |
| Rated insulation voltage U_i AC | V | 380 | | | | | - | | | |
| Operating frequency | Hz | 50/60 | | | | | 50/60 | | | |
| Current I_e | mA | ≤50 (6V - 12V) - ≤20 (24V...380V) | | | | | 2 W max | | | |
| Brightness | cd/m ² | ≤40 | | | | | - | | | |
| Electrical life | h | ≤30.000 | | | | | - | | | |

POWER SUPPLIES

IEC/EN 60947-5-1 CHARACTERISTICS

| | | DIRECT PLO04007 PCWAD-PSCAD | LED PLO04.L. PCW.L.-PSC.L. | RESISTOR PLO04RD. | TRANSFORMER PLO04TR. | FLASHING LIGHT PLO04LA. |
|--------------------------------|---|--------------------------------|-------------------------------|----------------------|-------------------------|----------------------------|
| Rated insulation voltage U_i | V | 690* | 400 | 400 | 440 | 400 |
| Rated operating voltage U_e | V | 400* 300 ¹ | AC/DC 12-24 | PRIMARY SECONDARY | PRIMARY SECONDARY | PRIMARY SECONDARY |
| | V | - | AC/DC 48 | 110/130 48/60 | 110/130 24 | 24 24 |
| | V | - | AC/DC 110 | 220/240 110/130 | 220/240 24 | 110/130 110/130 |
| | V | - | AC 220 | - - | 380/440 24 | - - |
| Max rated power | W | 2,4* 2,5 ¹ | - | 2 | 1,5 | 2,6 |
| Power supply | | AC/DC | - | - | AC | - |
| Lamp fixing system | | BA9s | - | BA9s | BA9s | BA9s |

¹ UL certified values

* IMG certified values

Pegasus

Technical data

Electrical characteristics



AUTOMATION TECHNOLOGIES

STANDARD CONFORMITY

| | | | |
|---|---|------------------------------|--|
| ■ | Approvals | | UL, IMQ, CCC, GOST-R, R.I.NA |
| ■ | Protection class | EN60529 Black line | IEC/EN60947-5-1, UL508 |
| | | EN60529 Nickel line | IP65: Buttons and switches, joysticks, single-lamp, Mushroom emergency EN ISO 13850 |
| | | Conforms to UL50 | IP40: Multi-Function push buttons |
| | | EN60529 | IP66: Switches |
| | | | IP67: Push buttons and multifunction push buttons |
| | | | Type 1,3R, 4, 4x,12,13, NEMA 4X |
| | | | IP65: Control stations, enclosures - IP66 mushroom pushbutton ø90 |
| | | | IP20: Contacts / power PCW., PL. - IPOO; PSC. |
| ■ | Material group | EN60947-1 | II |
| ■ | Pollution grade | EN60947-1 | 3 |
| ■ | Flammability | UL94 | VO: live parts |
| ■ | Ambient temperature | °C | Operating: -25 +70 |
| | | °C | Storage: -30 +70 |
| ■ | Climate protection | IEC68 part 2-3 | Hot damp |
| | | IEC68 part 2-30 | Unsettled hot damp |
| | Terminals referencing: | | EN50013 |
| ■ | Terminals: | | |
| | Dimensions | | A2 |
| | Screw | | M3,5 |
| | Torque | | 1.2Nm - EN60947-1 - 12 lb.in. UL508 |
| ■ | Capacity: | | |
| | solid and flexible conductors | n° 1 min/max mm ² | 1/2.5 screw terminals, 0.5-2.5 spring loaded terminals |
| | | n° 2 min/max mm ² | 1/2.5 screw terminals, 0.5-2.5 spring loaded terminals |
| | | AWG | 20-12 screw terminals |
| ■ | Mechanical life: | | |
| | Mushroom operators and standard Push buttons with colour cap | mil./operations | 3 |
| | Standard push buttons with lens cap | | 1 |
| | Latched push button with colour cap | | 1 |
| | Standard rotary switches | | 1 |
| | Rotary switches with lens, latched pushbutton with lens cap, joysticks | | 0.5 |
| | Emergency stop push buttons with release | | 0.3 |