



CONTROL & SIGNALLING UNITS Ø 22

▶ QUICK REFERENCE GUIDE

OUR COMMITMENT MAKES THE DIFFERENCE ▶

BACO®

ARLIN PTY LTD
2/1570 Centre Road
SPRINGVALE VIC 3171

 **arlin**
components & hardware

sales hotline: 1300 362 191

phone: +61 3 9465 0011
fax: +61 3 9465 5088

email: sales@arlin.com.au
web: www.arlin.com.au

GUARANTEE, CONFORMITY OF LONG-LASTING PRODUCTS

BACO facilitates the daily work offering ingenious and easy to implement solutions

► A KEY PLAYER IN THE MARKET

As a key player on the market for control and signalling devices, cam switches and switch disconnectors, BACO is recognized for its professional expertise and compliance with safety standards. BACO is committed not only to provide technical solutions that offer a perfect match for customers' requirements, but also to offer dedicated sales support and assistance. Users of electrical switches and control devices have come to trust BACO for reliable and durable components.

► A 10-YEAR GUARANTEE

We are committed to a demanding quality charter so you know you're getting the very best deal. Our products have a 10-year guarantee and are exceptionally reliable, that is why they are ideal for integration into systems that do not tolerate any failure.



► WIDELY USED AROUND THE WORLD

Conform to the best international standards:

- IEC 60947-5-1
- IEC 60947-5-5
- IEC 60947-5-4
- ISO 13850
- UL 508-CSA 22.2
- CCC
- BV MARINE RULES

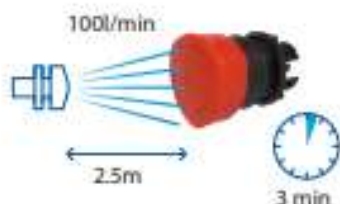


ISO 9001 & 14001 certified

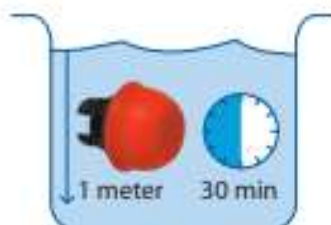


► HIGH DEGREE OF PROTECTION

Waterproof according to Ingress Protection (IP) Ratings:



IP 66: against strong water jets

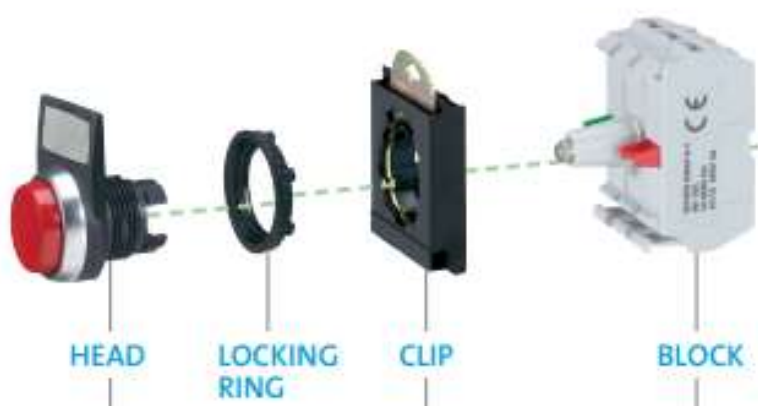


IP 67: against temporary water immersion



IP 69K: against water jets with high temperature and pressure

► **DESIGNED TO LAST**



"Cleverly designed to be both ergonomic and clearly visible"

- Insulating material ensures electrical safety
- Integrated anti-rotation tab
- Legend holder frame keeps IP 66 + IP 65K protection
- Auto-grip ring on all heads allows single hand mounting
- Choice of bezels: black or chrome plastic
- Innovative and varied functions
- Optimised dimensions

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

- Secured assembly
- Metal latch on clip secures every assembly
- Contact blocks are simply snapped onto the clip
- Four different types of terminal connections

"Imaginatively designed to be safe, robust and durable"

- Securely fixed by clipping into place
- Stackable
- Grade protection: IP 20 as "finger safe" on screw and plug-in terminals
- Electrical insulation
- LED blocks combining long life and economy (100,000 hours)
- Corrosion resistant to some

► **QUICK AND EASY TO ASSEMBLE**





► PUSH-BUTTONS - NON ILLUMINATED

SPRING RETURN - FLUSH



L21AA01/2/3/4/5/6/8

With engraving

- Red L21AA81
- Green L21AA82
- Black L21AA83

On demand engraving*

L21AA31/2/3/4/5/6



Supplied with shroud

L22AF01/2/3
L22AG01/5/6

SPRING RETURN - SUPER FLUSH



L23AA01/2/3/4/5/6

On demand engraving*

L23AA31/2/3/4/5/6

STAY-PUT - FLUSH



L21CA01/2/3/4/5/6

On demand engraving*

L21CA31/2/3/4/5/6

SPRING RETURN - PROJECTING



L21AB01/2/3/4/5/6

On demand engraving

L21AB31/2/3/4/5/6

STAY-PUT - PROJECTING



L21CB01/2/3/4/5/6

► PUSH-BUTTONS - ILLUMINATED

FLUSH



SPRING RETURN

L21AH10/20/40/50/60

On demand engraving*

L21AH31/2/4/5/6

STAY PUT

L21CH10/20/40/50/60

On demand engraving*

L21CH31/2/4/5/6

PROJECTING



SPRING RETURN

L21AK10/20/40/50/60

STAY PUT

L21CK10/20/40/50/60

SUPER FLUSH



SPRING RETURN

L23AH10/20/40/50/60

On demand engraving*

L23AH31/2/4/5/6

STAY PUT

L23CH10/20/40/50/60

On demand engraving*

L23CH31/2/4/5/6

► ADJUSTABLE MECHANICAL PUSH-BUTTONS

FLUSH



L21HA01/2/3/4/5/6

On demand engraving*

L21HA31/2/3/4/5/6

PROJECTING



L21HB01/2/3/4/5/6

► PUSH-BUTTONS WITHOUT BUTTON PLATE

SPRING RETURN - FLUSH



Non illuminated

L21AA00

Illuminated

L21AH00

BUTTON PLATES

FOR NON-ILLUMINATED PUSH-BUTTONS



Without engraving

LT01/2/3/4/5/6

On demand engraving*

LT21/2/3/4/5/6

FOR ILLUMINATED PUSH-BUTTONS



Without engraving

LT10/20/40/50/60

On demand engraving*

LT31/2/4/5/6

► PILOT LIGHTS

MODULAR, SEPARATE UNITS



Without engraving

L20SE10/20/40/50/60

On demand engraving*

L20SE31/2/4/5/6



SUPER FLUSH

Without engraving

L23SE10/20/40/50/60

ONE PIECE, INTEGRATED LED



Replace "x" for voltage:

L: 24V AC/DC

M: 130V AC/DC

H: 230V AC/DC

Without engraving

L20SC10x/20x/40x/50x/60x

On demand engraving*

L20SC31x/2x/4x/5x/6x

► CLIPS



1 position
331E



3 positions
333E



5 positions
335E

For "on demand engraving" products, please replace the ___ with the 3-digit code 303 for ON, 304 for OFF, 301 for START, 302 for STOP. For more digital codes, please contact sales@arlin.com.au or call 1300 361 191



► MUSHROOM HEAD BUTTONS, ISO 13850 COMPLIANT

STAY PUT, PULL TO RELEASE



NON ILLUMINATED
 Ø 32mm
 L22DQ01
 Ø 40mm
 L22DR01



ILLUMINATED
 Ø 40mm
 L22DN10



Ø 54mm
 with flag indicator
 L22DU01A 0 - I
 L22DU01 STOP - I

STAY PUT, TURN TO RELEASE



Ø 40mm
 L22ER01
 Ø 40mm
 with ISO 13850 symbol
 L22ER01K

STAY PUT, TURN KEY TO RELEASE



Ø 32mm
 L22GQ01
 Ø 40mm
 L22GR01

► MUSHROOM HEAD BUTTONS

STAY PUT, NON ILLUMINATED



TURN TO RELEASE
 Ø 32mm
 L22EC01/2/3/4
 Ø 40mm
 L22ED01/2/3/4



PULL TO RELEASE
 Ø 32mm
 L22DC01
 Ø 40mm
 L22DD01/2/3/4



TURN KEY TO RELEASE
 Ø 40mm
 L22GM01/2/3/4

STAY PUT, ILLUMINATED



TURN TO RELEASE
 Ø 32mm
 L22EL10/20/40
 Ø 40mm
 L22EM10/20/40



PULL TO RELEASE
 Ø 32mm
 L22DL10
 Ø 40mm
 L22DM10/20/40/50

SPRING RETURN



NON ILLUMINATED
 Ø 32mm
 L21AC01/2/3/4
 Ø 40mm
 L21AD01/2/3/4/6
 Ø 70mm
 L21AE01/3/6



ILLUMINATED
 Ø 32mm
 L21AL10/20/40/50

► CONTACT BLOCKS

SCREW TERMINALS



NO 33E10
 NC 33E01
 NO/NC 33E11

PLUG-IN TERMINALS



NO 33R10
 NC 33R01

FASTON TERMINALS



NO 33D10
 NC 33D01

PIN-STYLE TERMINALS



NO 33P10
 NC 33P01

► LED BLOCKS Replace _ by the corresponding letter: L, L4, M or H

SCREW TERMINALS



Voltage:
 L = 24 V AC/DC
 L4 = 48 V AC/DC
 M = 130 V AC
 H = 230 V AC
 33EAW/R/G/B/Y
 33EAWDM = 110 V DC

PLUG-IN TERMINALS



Voltage:
 L = 24 V AC/DC
 M = 130 V AC
 H = 230 V AC
 33RAW/R/G/B/Y

FASTON TERMINALS



Voltage:
 L = 24 V AC/DC
 M = 130 V AC
 H = 230 V AC
 33DAW/R/G/B/Y

PIN STYLE TERMINALS



(low voltage
 24V AC/DC max)
 33PAWL
 33PARL
 33PACL
 33PAEL
 33PAL



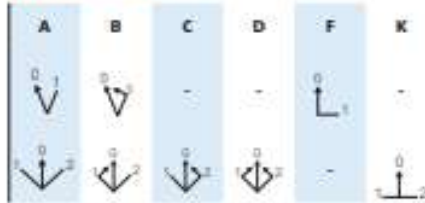
► **SELECTOR SWITCHES** Replace _ by the corresponding letter: A, B, C...Y

NON ILLUMINATED



2 positions
L21T_03
3 positions
L21U_03

WITH KNOB

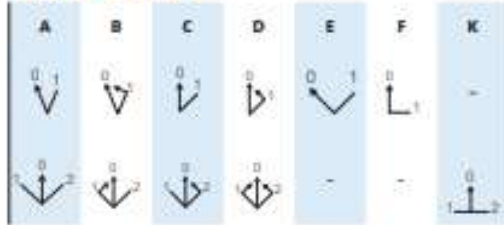


NON ILLUMINATED

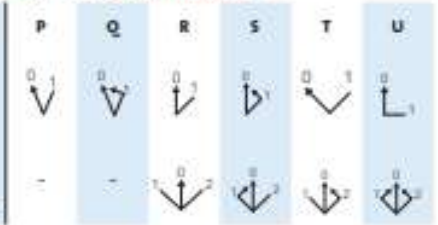


2 positions
L21K_01/2/3/8
3 positions
L21M_01/2/3/8

WITH HANDLE



WITH LONG HANDLE

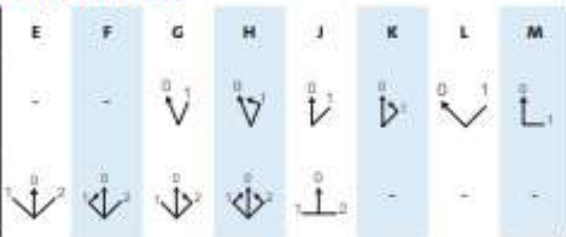


ILLUMINATED

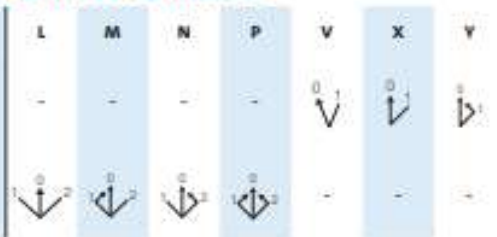


2 positions
L21K_10/20/30
3 positions
L21M_10/20/30

WITH HANDLE



WITH LONG HANDLE

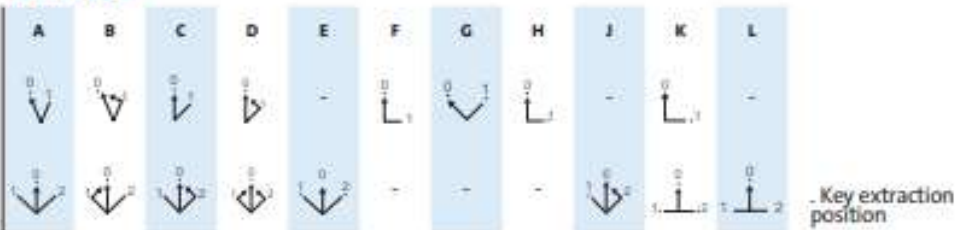


NON ILLUMINATED



2 positions
L21L_00
3 positions
L21N_00

WITH KEY



► **DOUBLE TOUCH AND TRIPLE TOUCH SPRING RETURN BUTTONS**

DOUBLE TOUCH

FLUSH-FLUSH



Non-illuminated	Illuminated
L61QA21	L61QH21
L61QA21B	L61QH21A
L61QA53	L61QH53B
L61QA22	L61QH22V
L61QA22K	L61QH22A
L61QA33C	L61QH33C

FLUSH-PROJECTING



Non-illuminated	Illuminated
L61QB21	L61QK21
L61QB21B	L61QK21A
L61QB53	L61QK53

TRIPLE TOUCH

FLUSH-PROJECTING-FLUSH



STOP	L61BA22
STOP	L61BA22B
STOP	L61BA22G
STOP	L61BA22F

▶ AUDIBLE WARNING BUZZERS



80 dB sound intensity at 10 cm
Supply voltage:
18 to 30V AC/DC
L22VA03L
85 to 140V AC/DC
L22VA03M
185 to 265V AC/DC
L22VA03H

▶ USB COMMUNICATION INTERFACE



USB interface 3.0 type A/A
L21VB03

▶ JOYSTICKS



LM2F A - 0 - B
LM2A A - 0 - B
LM4F C - 0 - D
A
B
LMA4 C - 0 - D
A
B
Contact block for joystick LMTI

▶ CONTROL STATIONS



Ø 40mm
Engraved: Emergency Stop
Stay put, push-turn to reset
LBX10510

Ø 40mm ISO 13850
Engraved: Emergency Stop +
Stay put, push-turn to reset
LBX17301
LBX17302



Stay put, push-pull to reset
LBX15301
LBX15302

Stay put, key to reset
LBX11301
LBX11302

▶ EMPTY CONTROL STATIONS



1 HOLE, BLACK BASE
Grey cover LBX0100
Yellow cover LBX0100J
Black cover LBX0100NR
Red cover LBX0100RN

1 HOLE, RED BASE
Red cover LBX0100RG



2 HOLES, BLACK BASE
Grey cover LBX0200
Yellow cover LBX0200J

3 HOLES, BLACK BASE
Grey cover LBX0300

4 HOLES, BLACK BASE
Grey cover LBX0400

5 HOLES, BLACK BASE
Grey cover LBX0500



CONTACT BLOCKS FOR CONTROL STATIONS
Screw terminals
NO 33510
NC 33501



LED BLOCKS FOR CONTROL STATIONS
Screw terminals
335AW/R/G/B/Y/_
Replace _ by the corresponding letter:
L = 24V AC/DC
M = 130V AC
H = 230V AC

▶ ACCESSORIES



ACCESSORIES Ø22
LWA0219 Reduction ring Ø 30/22
LWA0225 Grey guard
LWA0226 Padlockable shroud
LWA0229 Blanking plug
LWA0230 Square frame
LWA0234 Fixing tool
LWA0238 DIN rail adaptor
LWA0240 Yellow padlockable guard
LWA0242 Yellow guard ring
L21RP03 Button for potentiometer



FRAMES
LWP3 Standard black frame for LIA plates
LWG3 Large black frame for LIB plates
LWP4 Square black frame for LIA plates
LWP2 Black frame for twin and triple touch for LIA plates



LEGEND PLATES
LIA1/3/5/9 Standard plates
LIB1/3/5/9 Large plates



ENGRAVED LEGEND PLATES
LIA9081 O-I
LIA9082 I-II
LIA9091 I-O-II
LIA9191 Manu-O-Auto
LIA9291 Hand-O-Auto
LIA9301 Start
LIA9303 On
LIA9304 Off
LIA9315 Reset
LIA9327 Run
LIA9383 Hand-Auto



SHROUDS
LWA0203/4/5 For non illuminated projecting buttons
LWA0228 For illuminated projecting buttons
LWA0251/2/3 For non illuminated flush buttons
LWA0255 For illuminated flush buttons
LWA0223 For double and triple touch buttons



METAL ROUND LEGEND PLATES
According to ISO 13850
LWE16232 Ø60: Not-Halt +
LWE16300 Ø60: Emergency stop +
LWE00232 Ø80: Not-Halt +
LWE00300 Ø80: Emergency stop +
LWE16200 Ø60: Not aus
LWE16352 Ø60: Emergency stop
LWE00200 Ø80: Not aus
LWE00352 Ø80: Emergency stop



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