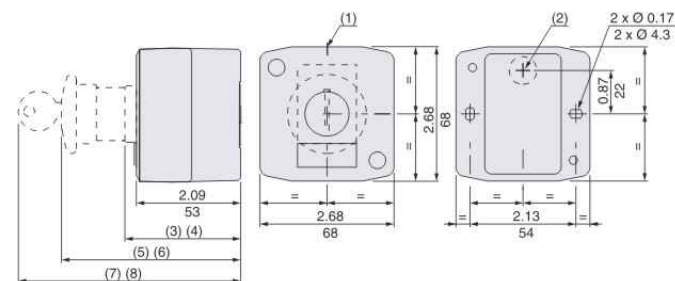


XAL

Control station series

Single-way control stations XAL-D1,K1,D 01

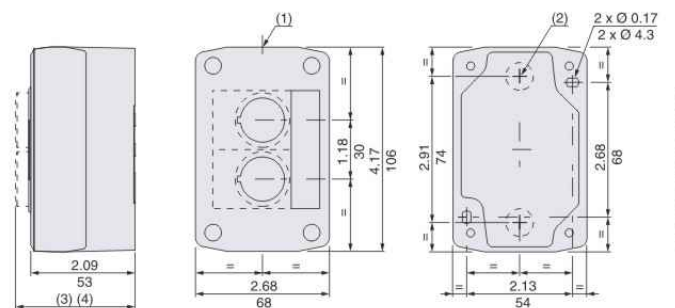


- (1) 2 knock-outs for PG 13.5 cable glands, maximum capacity 0.47 in (12 mm).
- (2) Knock-out for cable entry, maximum capacity 0.55 in (14 mm).

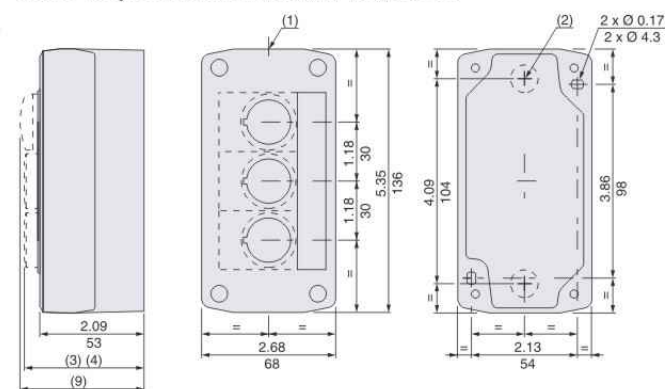
Examples:

- (3) 2.44 in (62 mm) for flush push buttons.
- (4) 2.59 in (66 mm) for projecting push buttons.
- (5) 3.58 in (91 mm) for latching mushroom head push buttons.
- (6) 2.91 in (74 mm) for key switches.
- (7) 4.45 in (113 mm) for latching mushroom head push buttons with key release.
- (8) 3.78 in (96 mm) for key switches with key.
- (9) 2.52 in (64 mm) for pilot lights.

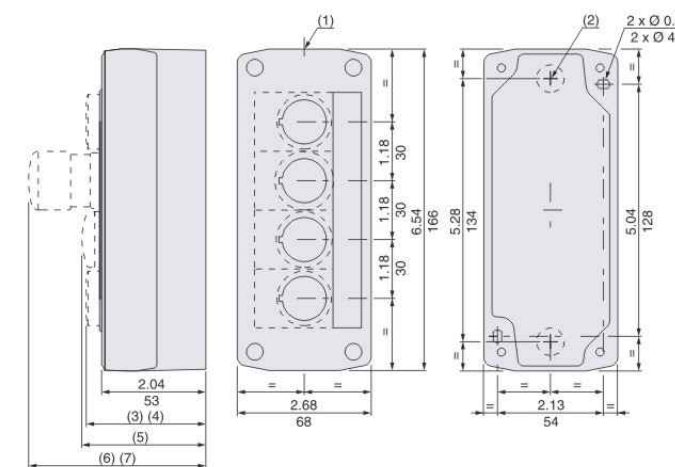
Two-way control stations XAL-D2,K2,D 02



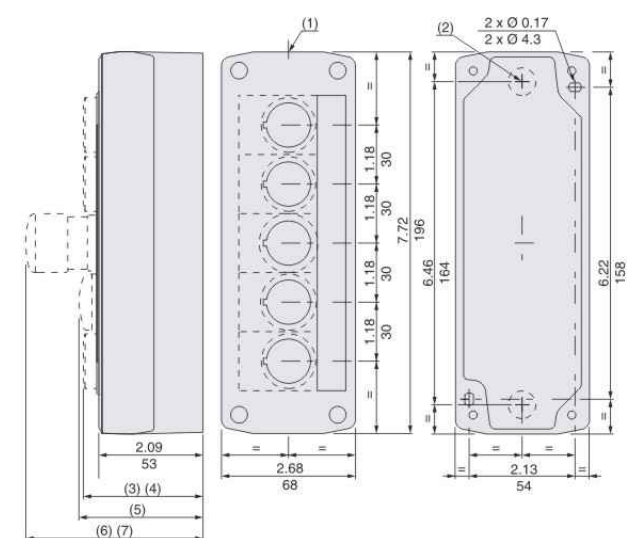
Three-way control stations XAL-D3,K3,D 03



Four-way control stations XAL-D4,K4,D 04



Five-way control stations XAL-D5,K5,D 05



- (1) 2 knock-outs for PG 13.5 cable glands, maximum capacity 0.47 in (12 mm).
- (2) Knock-out for cable entry, maximum capacity 0.55 in (14 mm).

Examples:

- (3) 2.44 in (62 mm) for flush push buttons.
- (4) 2.59 in (66 mm) for projecting push buttons.
- (5) 2.52 in (64 mm) for pilot lights.
- (6) 3.43 in (87 mm) for mushroom head push buttons.
- (7) 3.07 in (78 mm) for selector switches.

Dual Dimensions inches mm

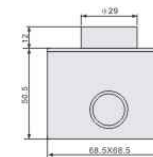
XAL

Control station series

Control Station	Circuit diagram	Description	Scheme	Symbol	Type
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XAL-B101
(LAY5-B101)



1 green flush pushbutton spring return

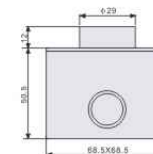
N/O
E 13 14



XAL-B101H29
XAL-B102
XAL-B103
XAL-B101



XAL-B111
(LAY5-B111)



1 red flush pushbutton spring return

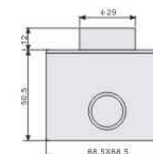
N/C
E 21 22



XAL-B111
XAL-B114



XAL-B112
(LAY5-B112)



1 red flush pushbutton spring return Marked

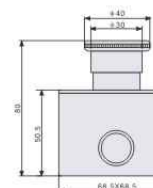
N/C
E 21 22



XAL-B112



XAL-B164
(LAY5-B164)



1 red mushroom head pushbutton ϕ 40mm, spring return

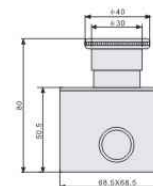
N/C
E 21 22



XAL-B164H29
XAL-B164



XAL-J174H29
(LAY5-J174H29)

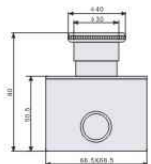
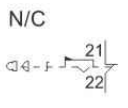
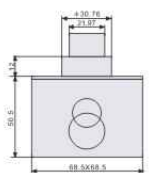
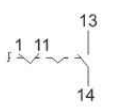
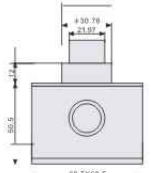
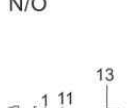
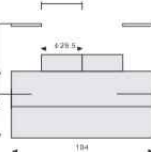
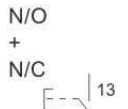
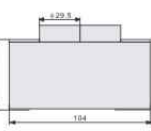
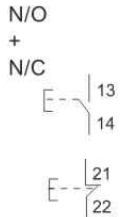


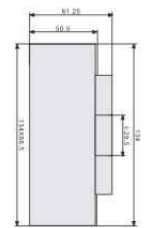
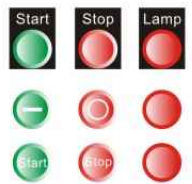
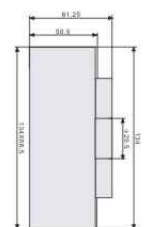
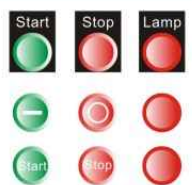
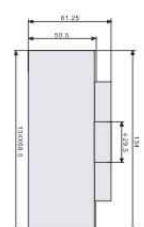
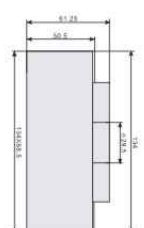
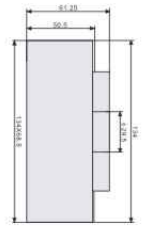
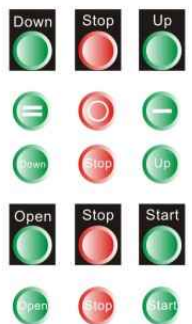
1 red mushroom head pushbutton, ϕ 40mm, latching turn to release

N/C
E 21 22



XAL-J174H29
XAL-J174

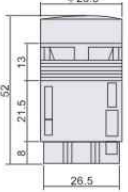
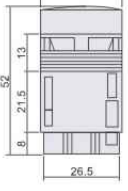
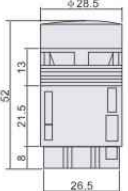
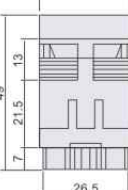
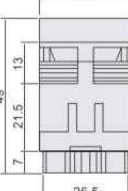
Control Station	Circuit diagram	Description	Scheme	Symbol	Type
 XAL-J188H29 (LAY5-J188H29)		1 red mushroom head pushbutton, ϕ 40mm, latching key release (key n° 445)	N/C 		XAL-J188H29 XAL-J184
 XAL-B132H29 (LAY5-B132H29)		1 selector switch 2-position stay put Standard black handle	N/O 		XAL-B132H29 XAL-B132
 XAL-B142H29 (LAY5-B142H29)		1 selector switch key operated (key n° 445) 2-position stay put key withdraw from left position	N/O 		XAL-B142H29 XAL-B142
 XAL-B213 (LAY5-B213)		2 spring return pushbuttons 1 flush green 1 flush red	N/O + N/C 		XAL-B211H29 XAL-B213 XAL-B215
 XAL-B222 (LAY5-B222)		2 spring return pushbuttons 1 flush with (black arrow) 1 flush black (white arrow)	N/O + N/C 		XAL-B222 XAL-B223

Control Station	Circuit diagram	Description	Scheme	Symbol	Type
 XAL-B363 (LAY5-B363)		1 red pilot light, Direct supplied $\leq$ 130V ★ Bulb not supplied+ 2 spring return pushbuttons 1 flush green 1 flush red	X1 X2 E- 13 14 N/O + N/C E- 21 22		XAL-B361H29 XAL-B363 XAL-B366
 XAL-B373 (LAY5-B373)		1 red pilot light, 220/250V Direct supplied with resistor BA9S-130V bulb supplied 2 spring return pushbuttons 1 flush red 1 flush green	X1 X2 E- 13 14 N/O + N/C E- 21 22		XAL-B371H29 XAL-B373 XAL-B376
 XAL-B341 (LAY5-B341)		3 spring return pushbuttons 1 flush yellow 1 flush red 1 flush green	N/O + N/C + N/O E- 13 14 21 22 E- 13 14		XAL-B341H29 XAL-B341
 XAL-B334 (LAY5-B334)		3 spring return pushbuttons 1 flush green (black arrow) 1 flush red 1 flush black (white arrow)	N/O + N/C + N/O E- 13 14 21 22 E- 13 14		XAL-B324 XAL-B334
 XAL-B339 (LAY5-B339)		3 spring return pushbuttons 1 flush green 1 flush red 1 flush green	N/O + N/C + N/O E- 13 14 21 22 E- 13 14		LAY5-B321H29 LAY5-B339 LAY5-B321 LAY5-B311H29 LAY5-B311

Control Station	Circuit diagram	Description	Contact	Symbol	Type
 XAL-D112 (LAY4-D112)		1 flush pushbutton spring return	N/O		XAL-D102
			N/O		XAL-D104
			N/O		XAL-D103
			N/O		XAL-D102E
			N/C		XAL-D112
			N/C		XAL-D117
			N/C		XAL-D114
			N/O		XAL-D112E
			N/O		XAL-D114E
			N/O		XAL-D101
 XAL-D101 (LAY4-D101)		1 flush pushbutton spring return	N/O		XAL-D101H29
			N/O		XAL-D111
			N/C		XAL-D111H29
			N/C		XAL-D111H29
 XAL-K164 (LAY4-K164)		1 red mushroom head pushbutton ϕ 40mm, spring return	N/C		XAL-K164(Yellow) XAL-D164(Grey)
			N/C		XAL-K174(Yellow) XAL-D174(Grey)
 XAL-K174 (LAY4-K174)		1 red mushroom head pushbutton, ϕ 40mm, latching turn to release	N/O		XAL-K174E(Yellow) XAL-D174E(Grey)
			N/O		XAL-K178G(Yellow) XAL-D178G(Grey)
			N/O		XAL-K184(Yellow) XAL-D184(Grey)
 XAL-D184 (LAY4-D184)		1 red mushroom head pushbutton, ϕ 40mm, latching key release (key n° 445)	N/O		XAL-K184E(Yellow) XAL-D184E(Grey)
			N/O		XAL-K188G(Yellow) XAL-D188G(Grey)
			N/O		XAL-K188G(Yellow) XAL-D188G(Grey)
			N/O		XAL-K188G(Yellow) XAL-D188G(Grey)

Control Station	Circuit diagram	Description	Contact	Symbol	Type
 XAL-D211 (LAY4-D211)		2 spring return pushbuttons 1 flush green 1 flush red	N/O		XAL-D211
			N/C		XAL-D211H29
			N/O		XAL-D211H29
			N/O		XAL-D211H29
 XAL-D213 (LAY4-D213)		2 spring return pushbuttons 1 flush green 1 flush red Marked	N/O		XAL-D213
			N/C		XAL-D215
			N/O		XAL-D215
			N/O		XAL-D213E
 XAL-D132 (LAY4-D132)		1 selector switch 2-position stay put Standard black handle	N/O		XAL-D132
			N/O		XAL-D132H29
 XAL-D142 (LAY4-D142)		1 selector switch key operated (key n° 445) 2-position stay put key withdraw from left position	N/O		XAL-D142
			N/O		XAL-D142E
			N/O		XAL-D142H29
			N/O		XAL-D142H29

Parts	Description	Reference	Parts	Description	Reference
	Button box for single button IP40/IP65	φ 22 φ 25 BX1-22		Button box for single button IP40/IP65	φ 22 φ 25 HJ9-1
	Button box for two buttons IP40/IP65	φ 22 φ 25 BX2-22		Button box for two buttons IP40/IP65	φ 22 φ 25 HJ9-2
	Button box for three buttons IP40/IP65	φ 22 φ 25 BX3-22		Button box for three buttons IP40/IP65	φ 22 φ 25 HJ9-3
	Button box for four buttons IP40/IP65	φ 22 φ 25 BX4-22		Button box for four buttons IP40/IP65	φ 22 φ 25 HJ9-4
	Button box for five buttons IP40/IP65	φ 22 φ 25 BX5-22		Button box for five buttons IP40/IP65	φ 22 φ 25 HJ9-6
	LAY5 (DB2)-JOS4441P			LAY5 (DB2)-JOS4441B	

Push Button & indicator	Circuit diagram	Description	Contact	Circuit	Color	Type
		Illumination installation base Direct type Neon(BA9S) LED	230 VAC/DC	X1 X2	White Green Red Yellow Blue	DB7-EV41 DB7-EV43 DB7-EV44 DB7-EV45 DB7-EV46
		Illumination installation base Direct type Neon(BA9S) LED	250 V/AC/DC	X1 X2	White Green Red Yellow Blue	DB7-EV61 DB7-EV63 DB7-EV64 DB7-EV65 DB7-EV66
		Illumination installation base Resistor type Neon(BA9S) LED	220-240 VAC/DC	X1 X2	White Green Red Yellow Blue	DB7-EV71 DB7-EV73 DB7-EV74 DB7-EV75 DB7-EV76
		Pushbutton spring return	NO NC NO+NC	13 C 14 NO 21 C 22 NC NO NC C	Black Green Red Black Green Red	DB7-EA21 DB7-EA31 DB7-EA42 DB7-EA25 DB7-EA35 DB7-EA45
		Pushbutton Press and Press-release	NO NC NO+NC	13 C 14 NO 21 C 22 NC NO NC C	Black Green Red Black Green	DB7-EH21 DB7-EH31 DB7-EH42 DB7-EH45 DB7-EH25 DB7-EH35