

Plastic control stations **XALE Optimum**

Catalogue
October

05



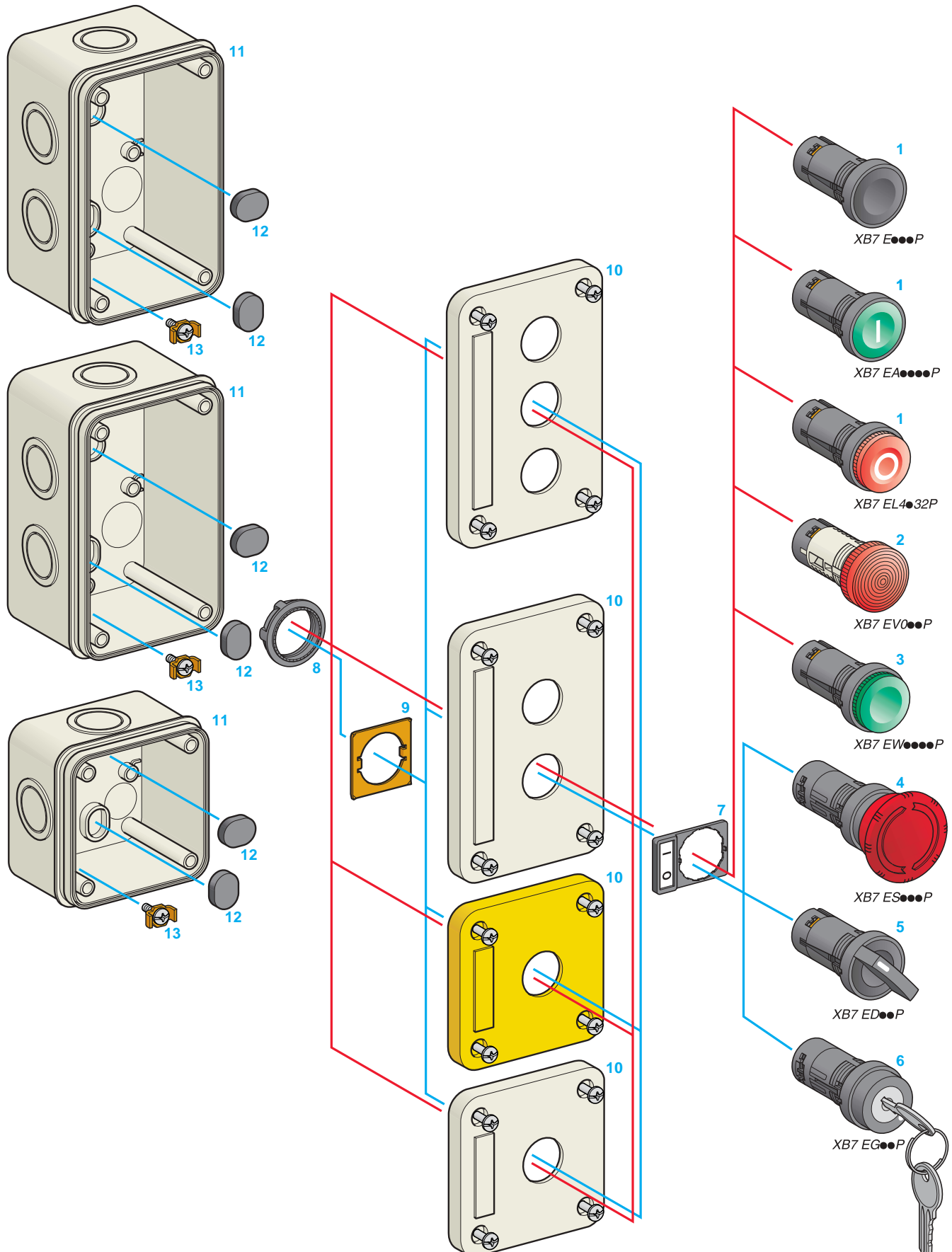
Plastic control stations

XALE Optimum

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Plastic control stations XALE Optimum

For Harmony® Ø 22 control and signalling units XB7



Plastic control stations XALE Optimum

For Harmony® Ø 22 control and signalling units XB7

Presentation

Control stations XAL E Optimum are designed for various applications and predetermined requirements.

- In buildings, they control garage doors, rolling shutters or smoke extraction vents.
- In the tertiary sector, they are fitted to simple machines and small lifting systems.
- In the industrial sector, they are fitted to small machines with 2 or 3 actuators or mass production machines (packaging, materials handling, machine tools, etc.).

Control stations XAL E Optimum are available as complete products or as empty enclosures.

Complete stations

- The complete XAL E control stations are supplied fitted with one, two or three Ø 22 mm control and signalling units from the Harmony® XB7 range (1).
- The fitted control stations are ready to use. Electrical connections to the mounted units are made by the user.

Complete XAL E control stations meet simple control and/or signalling requirements by factory pre-fitting of:

- 1 pushbuttons, with or without marking,
- 2 pilot lights with integral LED,
- 3 illuminated pushbuttons with integral LED,
- 4 Emergency stop mushroom head pushbuttons,
- 5 selector switches with standard handle,
- 6 key switches,
- 7 legend holder with legend,
- 8 fixing nut,
- 9 anti-rotation plates for selector switches, key switches, Emergency stops and buttons with rotatable marking.

The mounted units are interchangeable: the equipment fitted as standard can be modified in order to meet customised applications.

Empty enclosures

- The XAL E enclosures supplied empty comprise:
 - a lid 10 with 4 captive fixing screws and a base 11,
 - two fixing screw caps (must be fitted to ensure double isolation and sealing) 12.
- The empty enclosures are available with one, two or three cut-outs of equal diameter.
- Depending on the needs of the customer, all the catalogue listed Harmony® Ø 22 control and signalling units XB7 (1...6) can be fitted on these empty enclosures for customisation of the product (1).
- The units are fitted on the lid of the stations. Selector switches, key switches, Emergency stops and buttons with rotatable markings are held in position by an anti-rotation plate 9 (2).
- Legends and legend holder type ZBY 7 listed in the catalogue complete this customised equipment.

Mounting and fixing

- Control stations XAL E easily mount on a support using two fixing screws. Two fixing screw caps 12 and a rubber seal (3) ensure the sealing and electrical insulation of the installation (IP 54 degree of protection).
- Control stations XAL E incorporate 4 or 6 ISO 20 knock-outs (depending on the model) to enable cable entry irrespective of the fixing position of the station: horizontal or vertical.
- A commoning/earth terminal 13 can be mounted in the base of the station if required. To be used in relation to the type of installation (4).

(1) Except pilot lights type XB7 EV8●P supplied via integral transformer.

(2) Included with Harmony® Ø 22 control and signalling units XB7.

(3) Included with complete stations and empty enclosures.

(4) To be ordered separately.

Plastic control stations XALE Optimum

For Harmony® Ø 22 control and signalling units XB7

Environment			
Protective treatment	Standard version		“TC”
Ambient air temperature (around the device)	For storage	°C	- 40...+ 70
	For operation	°C	- 25...+ 55
Electric shock protection	Conforming to IEC 60536		Class II
Degree of protection	Conforming to IEC 60529		IP 54
Mechanical shock protection	Conforming to EN 50102		IK 05
Conformity to standards			IEC/EN 60947-1, IEC/EN 60947-5-1, IEC/EN 62208, IEC/EN 60947-5-5
Product certifications			CE
Material			ABS
Colours			Light grey “RAL 7035” or yellow “RAL 1021” lid, light grey “RAL 7035” base
Cable entries			ISO 20 knock-out entries
Contact function characteristics			
Type of contact	N/C or N/O or C/O		Slow break
Positive operation	Conforming to IEC/EN 60947-5-1 Appendix K		All functions incorporating a N/C contact are positive opening operation
Short-circuit protection	Conforming to IEC/EN 60947-5-1	A	4 (using gG cartridge fuse conforming to IEC 269-1)
Rated insulation voltage	Conforming to IEC/EN 60947-1	V	Ui = 250 (degree of pollution 3)
Rated impulse withstand voltage	Conforming to IEC/EN 60947-1	kV	Uimp = 6
Rated operational characteristics (conforming to IEC/EN 60947-5-1)	a.c. supply: utilisation category AC14, D300		Ue = 240 V and Ie = 0.3 A or Ue = 120 V and Ie = 0.6 A
Electrical reliability	Failure rate in accordance with IEC 60947-5-4		On 17 V at 5 mA: $\lambda \leq 10^{-6}$
Ordinary light function characteristics			
Light source		LED	Incandescent bulb (all models)
Voltage limits	At nominal voltage	V	24 V \approx : 19.2...30 \approx ; 21.6...26.4 \sim 120 V \sim : 100...132 \sim 230-240 V \sim : 195...264 \sim
Consumption	For all colours	mA	18 (all types, all voltages)
Service life	At nominal voltage and at an ambient temperature of 25 °C	H	80 000
Electromagnetic emission	Conforming to EN 55011		Class B

Plastic control stations

XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Complete stations



XAL E1011



XAL E1031



XAL E1W1●



XAL E1333






XAL E1441













XAL EK170●

Complete stations




With 1 x Ø 22 control and signalling unit (grey control station lid)

Equipment	Type of push	Type of contact			Marking Text (colour)	Reference	Weight kg
							
1 spring return pushbutton	Flush, green	1	–	–	–	XAL E1011	0.100
		2	–	–	–	XAL E1013	0.100
		1	–	–	I (white)	XAL E1021	0.100
		1	–	–	START (white)	XAL E1031	0.100
	Flush, red	–	1	–	–	XAL E1112	0.100
		–	–	1	–	XAL E1115	0.100
		–	1	–	STOP (white)	XAL E1142	0.100
	Projecting, red	–	1	–	O (white)	XAL E1152	0.100
		–	–	1	O (white)	XAL E1155	0.100

Equipment	Colour of lens	Type of contact			Supply voltage	Reference	Weight kg
							
1 projecting illuminated spring return pushbutton with integral LED	Green	1	–	–	≈ 24 V	XAL E1W1B	0.100
		1	–	–	≈ 230/240 V	XAL E1W1M	0.100
	Red	–	1	–	≈ 24 V	XAL E1W2B	0.100
		–	1	–	≈ 230/240 V	XAL E1W2M	0.100

Equipment	Number and type of positions	Type of contact			Marking Text (colour)	Reference	Weight kg
							
1 selector switch with standard handle	2 position, stay put 	1	–	–	O I (white)	XAL E1341	0.105
	2 position, stay put 	1	1	–	O I (white)	XAL E1345	0.105
	3 position, stay put 	2	–	–	I O II (white)	XAL E1333	0.105
	1 key switch (key n° 455) 	1	–	–	O I (white)	XAL E1441	0.115

Emergency stop function (yellow control station lid) (2)

Equipment	Type of push	Type of contact			Reference	Weight kg
						
1 Emergency stop pushbutton	Latching, red	–	1	–	XAL EK1701	0.110
		1	1	–	XAL EK1702	0.110

(1) The symbol "⌘" indicates key withdrawal position.

(2) Product conforming to standard IEC/EN 60947-5-5.

For conformity to standard EN 418, use control stations XAL K178● or XAL K188●, see "Control stations XAL" offer.

Plastic control stations

XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Complete stations



XAL E201●



XAL E222●



XAL E21V1●

Complete stations (continued)

With 2 x Ø 22 control and signalling units (grey control station lid)

Equipment	Type of push	Type of contact			Marking Text (colour)	Reference	Weight kg
		N/O	N/C	C/O			
2 spring return pushbuttons	1 flush, green 1 flush, red	1 –	– 1	– –	– –	XAL E2011	0.145
	1 flush, green 1 flush, red	2 –	– –	– 1	– –	XAL E2015	0.145
	1 flush, green 1 flush, red	1 –	– 1	– –	START (white) STOP (white)	XAL E2151	0.145
	1 flush, green 1 projecting, red	1 –	– 1	– –	I (white) O (white)	XAL E2141	0.145
	1 flush, white 1 flush, black	1 1	– –	– –	→ (black) ⇌ (white)	XAL E2231	0.145
	1 flush, white 1 flush, black	– –	– –	1 1	→ (black) ⇌ (white)	XAL E2235	0.145
	1 flush, white 1 flush, black	1 1	– –	– –	↑ (black) ↓ (white)	XAL E2221	0.145
	1 flush, white 1 flush, black	– –	– –	1 1	↑ (black) ↓ (white)	XAL E2225	0.145
1 spring return pushbutton + 1 pilot light with integral LED – (~ 24 V), green	1 flush, green	1 –	– –	– –	I (white) –	XAL E21V1B	0.145
	1 flush, green	1 –	– –	– –	I (white) –	XAL E21V1M	0.145

**Integral
LED**

**Integral
LED**

Plastic control stations

XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Complete stations



XAL E33V●●







XAL E325●



XAL E3441

Complete stations (continued)

With 3 x Ø 22 control and signalling units (grey control station lid)

Equipment	Type of push or colour of lens	Type of contact			Marking Text (colour)	Reference	Weight kg
		 N/O	 N/C	 C/O			
2 spring return pushbuttons + 1 pilot light with integral LED (~ 24 V), red	1 flush, green	1	–	–	I (white)	XAL E33V2B	0.170
	1 flush, red	–	1	–	O (white)		
	–	–	–	–	–		
2 spring return pushbuttons + 1 pilot light with integral LED (~ 230/240 V), red	1 flush, green	1	–	–	I (white)	XAL E33V2M	0.170
	1 flush, red	–	1	–	O (white)		
	–	–	–	–	–		
2 spring return pushbuttons + 1 pilot light with integral LED (~ 24 V), green	1 flush, green	1	–	–	I (white)	XAL E33V1B	0.170
	1 flush, red	–	1	–	O (white)		
	–	–	–	–	–		
2 spring return pushbuttons + 1 pilot light with integral LED (~ 230/240 V), green	1 flush, green	1	–	–	I (white)	XAL E33V1M	0.170
	1 flush, red	–	1	–	O (white)		
	–	–	–	–	–		
3 spring return pushbuttons	1 flush, white	1	–	–	↑ (black)	XAL E3251	0.170
	1 projecting, red	–	1	–	O (white)		
	1 flush, black	1	–	–	↓ (white)		
	1 flush, white	–	–	1	↑ (black)	XAL E3255	0.170
	1 projecting, red	–	–	1	O (white)		
	1 flush, black	–	–	1	↓ (white)		
	1 flush, green	2	–	–	I (white)	XAL E3405	0.170
	1 projecting, red	–	–	1	O (white)		
	1 flush, green	2	–	–	II (white)		
	1 flush, green	1	–	–	I (white)	XAL E3401	0.170
	1 projecting, red	–	1	–	O (white)		
	1 flush, green	1	–	–	II (white)		
	1 flush, white	1	–	–	→ (black)	XAL E3351	0.170
	1 projecting, red	–	1	–	O (white)		
	1 flush, black	1	–	–	⇐ (white)		
	1 flush, white	–	–	1	→ (black)	XAL E3355	0.170
	1 projecting, red	–	–	1	O (white)		
	1 flush, black	–	–	1	⇐ (white)		
1 key switch (key n° 455)  (1)	1 black operator (2 position, stay put)	1	–	–	O I (white)	XAL E3441	0.180
+ 2 spring return pushbuttons	1 flush, white	1	–	–	↑ (black)		
	1 flush, black	1	–	–	↓ (white)		

(1) The symbol "⌘" indicates key withdrawal position.

Plastic control stations
XALE Optimum
For Harmony® Ø 22 control and signalling units XB7
Empty enclosures

Empty enclosures

For Ø 22 control and signalling units

Description	Number of cut-outs	Sold in lots of	Unit reference	Weight kg
Light grey "RAL 7035" lid and base	1	5	XAL E1	0.080



XAL E1

2	5	XAL E2	0.100
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XAL E2

3	5	XAL E3	0.100
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XAL E3

For Emergency stop mushroom head pushbutton only (1)

Yellow "RAL 1021" lid, light grey "RAL 7035" base	1	5	XAL EK1	0.080
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XAL EK1

(1) For conformity to standard EN 418, use control stations XAL K178 or XAL K188, see "Control stations XAL" offer.

Plastic control stations








XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Separate components

Harmony® Ø 22 control and signalling units XB7

Pushbuttons with marking

■ Spring return pushbuttons

Shape of head	Type of push	Type of contact			Marking Text (colour)	Colour of push	Sold in lots of	Unit reference	Weight kg
		N/O	N/C	C/O					
	Flush	1	–	–	START (white)	Green	10	XB7 EA3133P	0.020
	Flush	–	1	–	STOP (white)	Red	10	XB7 EA4234P	0.020
	Flush	1	–	–	↑ (black)	White	10	XB7 EA11341P	0.020
		–	–	1			10	XB7 EA15341P	0.020
	Flush	1	–	–	↓ (white)	Black	10	XB7 EA21341P	0.020
		–	–	1			10	XB7 EA25341P	0.020
	Flush	1	–	–	I (white)	Green	10	XB7 EA3131P	0.020
		2	–	–			10	XB7 EA3331P	0.020
	Flush	1	–	–	II (white)	Green	10	XB7 EA3136P	0.020
		2	–	–			10	XB7 EA3336P	0.020
	Projecting	–	1	–	O (white)	Red	10	XB7 EL4232P	0.020
		–	–	1			10	XB7 EL4532P	0.020


Pushbuttons without marking

Shape of head	Type of push	Type of contact			Colour of push	Sold in lots of	Unit reference	Weight kg
		N/O	N/C	C/O				

■ Spring return pushbuttons

	Flush	1	–	–	Black	10	XB7 EA21P (1)	0.020
					Green	10	XB7 EA31P (1)	0.020
					Yellow	10	XB7 EA51P (1)	0.020
		–	1	–	Red	10	XB7 EA42P (1)	0.020
					Black	10	XB7 EA25P	0.020
					Green	10	XB7 EA35P	0.020
					Red	10	XB7 EA45P	0.020
		2	–	–	Black	10	XB7 EA23P	0.020
					Green	10	XB7 EA33P	0.020

■ Push and push-to-release buttons

	Flush	1	–	–	Black	10	XB7 EH21P	0.020
					Green	10	XB7 EH31P	0.020
		–	–	1	Black	10	XB7 EH25P	0.020
					Green	10	XB7 EH35P	0.020

(1) For Faston connection version (1 x 6.35 mm and 2 x 2.8 mm), add the number "3" to the end of the reference. Example: **XB7 EA21P3**.











Plastic control stations

XALE Optimum





For Harmony® Ø 22 control and signalling units XB7
Separate components (continued)

Harmony® Ø 22 control and signalling units XB7 (continued)

Selector/key switches

Shape of head	Type of operator	Type of contact			Number and type of positions (2)		Sold in lots of	Unit reference	Weight kg
									
	Standard black handle	1	–	–	2, stay put		10	XB7 ED21P (1)	0.025
		1	1	–	2, stay put		10	XB7 ED25P	0.025
		2	–	–	3, stay put		10	XB7 ED33P	0.025
	Key (n° 455)	1	–	–	2, key withdrawal in left-hand position		10	XB7 EG21P	0.049
		2	–	–	3, key withdrawal in centre position		10	XB7 EG33P	0.049

Ø 40 Emergency stop mushroom head pushbuttons (3)

Shape of head	Type of push	Type of contact			Colour of push	Sold in lots of	Unit reference	Weight kg
								
		N/O	N/C	C/O				
	Turn to release	–	1	–	Red	10	XB7 ES542P	0.032
		1	1	–	Red	10	XB7 ES545P	0.035
	Key release (n° 455)	–	1	–	Red	10	XB7 ES142P	0.055
		1	1	–	Red	10	XB7 ES145P	0.058

(1) For Faston connection version (1 x 6.35 mm and 2 x 2.8 mm), add the number "3" to the end of the reference. Example: **XB7 ED21P3**.

(2) The symbol "⌘" indicates key withdrawal position.

(3) The Emergency stop mushroom head pushbuttons conform to standard IEC/EN 60947-5-5 and the Machinery directive 98/37/EC.

Plastic control stations

XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Separate components (continued)



XB7 EV000P



Integral LED

Harmony® Ø 22 control and signalling units XB7 (continued)

Pilot lights with integral LED ("true" colours)

Shape of head	Supply voltage V	Colour of lens	Sold in lots of	Unit reference	Weight kg
	~ 24	White	10	XB7 EV01BP (1)	0.020
		Green	10	XB7 EV03BP (1)	0.020
		Red	10	XB7 EV04BP (1)	0.020
		Yellow	10	XB7 EV05BP (1)	0.020
		Blue	10	XB7 EV06BP ▲ (1)	0.020
		Orange	10	XB7 EV08BP ▲ (1)	0.020
	~ 120 50-60 Hz	White	10	XB7 EV01GP ▲ (1)	0.020
		Green	10	XB7 EV03GP ▲ (1)	0.020
		Red	10	XB7 EV04GP ▲ (1)	0.020
		Yellow	10	XB7 EV05GP ▲ (1)	0.020
		Blue	10	XB7 EV06GP ▲ (1)	0.020
		Orange	10	XB7 EV08GP ▲ (1)	0.020
	~ 230 50-60 Hz	White	10	XB7 EV01MP (1)	0.020
		Green	10	XB7 EV03MP (1)	0.020
		Red	10	XB7 EV04MP (1)	0.020
		Yellow	10	XB7 EV05MP (1)	0.020
		Blue	10	XB7 EV06MP ▲ (1)	0.020
		Orange	10	XB7 EV08MP ▲ (1)	0.020

Illuminated pushbuttons with integral LED ("true" colours)

Shape of head	Type of push	Supply voltage V	Type of contact		Colour of lens	Sold in lots of	Unit reference	Weight kg
	Projecting	~ 24	1	—	Green	10	XB7 EW33B1P	0.022
					Red	10	XB7 EW34B1P	0.022
					Yellow	10	XB7 EW35B1P	0.022
		~ 230	—	1	Red	10	XB7 EW34B2P	0.022
			1	—	Green	10	XB7 EW33M1P	0.022
					Red	10	XB7 EW34M1P	0.022
	Projecting	~ 24			Yellow	10	XB7 EW35M1P	0.022
		~ 230	—	1	Red	10	XB7 EW34M2P	0.022
			1	—	Green	10	XB7 EH03B1P	0.022
					Red	10	XB7 EH04B1P	0.022
					Yellow	10	XB7 EH05B1P	0.022
		~ 230	—	1	Red	10	XB7 EH04B2P	0.022
	Projecting	~ 24	1	—	Green	10	XB7 EH03M1P	0.022
					Red	10	XB7 EH04M1P	0.022
					Yellow	10	XB7 EH05M1P	0.022
		~ 230	—	1	Red	10	XB7 EH04M2P	0.022

■ Spring return illuminated pushbuttons

	Projecting	~ 24	1	—	Green	10	XB7 EW33B1P	0.022
					Red	10	XB7 EW34B1P	0.022
					Yellow	10	XB7 EW35B1P	0.022
		~ 230	—	1	Red	10	XB7 EW34B2P	0.022
			1	—	Green	10	XB7 EW33M1P	0.022
					Red	10	XB7 EW34M1P	0.022

■ Push and push-to-release illuminated buttons

	Projecting	~ 24	1	—	Green	10	XB7 EH03B1P	0.022
					Red	10	XB7 EH04B1P	0.022
					Yellow	10	XB7 EH05B1P	0.022
		~ 230	—	1	Red	10	XB7 EH04B2P	0.022
			1	—	Green	10	XB7 EH03M1P	0.022
					Red	10	XB7 EH04M1P	0.022

(1) For Faston connection version (1 x 6.35 mm and 2 x 2.8 mm), add the number "3" to the end of the reference. Example: **XB7 EV01BP3**.

▲ Available:
1st quarter 2006.

Presentation:
pages 2 and 3

Characteristics:
page 4

Dimensions:
pages 14 and 15

Plastic control stations

XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Separate components (continued)

Harmony® Ø 22 control and signalling units XB7 (continued)





Pilot lights with BA 9s base fitting



XB7 EV66P

Shape of head	Supply	Description	Supply voltage V	Colour of lens	Sold in lots of	Unit reference	Weight kg
	Direct (2)	For incandescent bulb not included (2) BA 9s base fitting	≤ 250	White	10	XB7 EV61P (1)	0.018
				Green	10	XB7 EV63P (1)	0.018
				Red	10	XB7 EV64P (1)	0.018
				Yellow	10	XB7 EV65P (1)	0.018
				Blue	10	XB7 EV66P (1)	0.018
				Clear	10	XB7 EV67P (1)	0.018
				Orange	10	XB7 EV68P (1)	0.018
	Direct, through resistor	With incandescent bulb 130 V-2.6 W included BA 9s base fitting	~ 230 50/60 Hz	White	10	XB7 EV71P (1)	0.020
				Green	10	XB7 EV73P (1)	0.020
				Red	10	XB7 EV74P (1)	0.020
				Yellow	10	XB7 EV75P (1)	0.020
				Blue	10	XB7 EV76P (1)	0.020
				Clear	10	XB7 EV77P (1)	0.020
				Orange	10	XB7 EV78P (1)	0.020
		Bulb, 130 V-2.6 W not included BA 9s base fitting	~ 230 50/60 Hz	White	10	XB7 EV710P	0.020
				Green	10	XB7 EV730P	0.020
				Red	10	XB7 EV740P	0.020
				Yellow	10	XB7 EV750P	0.020
				Blue	10	XB7 EV760P	0.020
				Clear	10	XB7 EV770P	0.020
				Orange	10	XB7 EV780P	0.020

Illuminated pushbuttons with BA 9s base fitting

Type of push Shape of head	Supply	Supply voltage V	Type of contact		Colour of lens	Sold in lots of	Unit reference	Weight kg	
									
			N/O	N/C					
■ Spring return illuminated pushbuttons									
	Projecting	Direct with BA 9s base fitting neon bulb included	~ 230	1	—	Green	10	XB7 EW3341P	0.022
						Red	10	XB7 EW3441P	0.022
						Yellow	10	XB7 EW3541P	0.022
		Direct for BA 9s base fitting incandescent bulb not included (2)	≤ 250	1	—	Green	10	XB7 EW3361P	0.020
						Red	10	XB7 EW3461P	0.020
						Yellow	10	XB7 EW3561P	0.020
■ Push and push-to-release illuminated buttons									
	Projecting	Direct with BA 9s base fitting neon bulb included	~ 230	1	—	Green	10	XB7 EH0341P	0.022
						Red	10	XB7 EH0441P	0.022
						Yellow	10	XB7 EH0541P	0.022
		Direct for BA 9s base fitting incandescent bulb not included (2)	≤ 250	1	—	Green	10	XB7 EH0361P	0.020
						Red	10	XB7 EH0461P	0.020
						Yellow	10	XB7 EH0561P	0.020

(1) For Faston connection version (1 x 6.35 mm and 2 x 2.8 mm), add the number "3" to the end of the reference. Example: **XB7 EV61P3**.

(2) Bulb characteristics for direct supply pilot lights: 250 V max., 2.6 W max.

Plastic control stations

XALE Optimum

For Harmony® Ø 22 control and signalling units XB7
Separate components (continued) and accessories



ZBY 2101

Legend holder, 30 x 40 mm with legend (black or red background)

With blank legend

Text	Sold in lots of	Unit reference	Weight kg
Without	10	ZBY 2101	0.001

With marked legend (sold singly)

- Start functions: white characters on black background.
- Stop functions: white characters on red background.

Text	Unit reference	Weight kg	Text	Unit reference	Weight kg
Auto	ZBY 2115	0.001	Reset	ZBY 2323	0.001
Down	ZBY 2308	0.001	Reverse	ZBY 2306	0.001
Forward	ZBY 2305	0.001	Right	ZBY 2309	0.001
Hand	ZBY 2316	0.001	Start	ZBY 2303	0.001
Inch	ZBY 2321	0.001	Stop	ZBY 2304	0.001
Left	ZBY 2310	0.001	Up	ZBY 2307	0.001
Off	ZBY 2312	0.001	O	ZBY 2146	0.001
On	ZBY 2311	0.001	I	ZBY 2147	0.001
Power on	ZBY 2326	0.001	O-I	ZBY 2178	0.001

Accessories

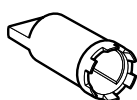
Description	Colour	Sold in lots of	Unit reference	Weight kg
Anti-rotation plate	–	10	ZB5 AZ902	0.008
Fixing nut	–	10	ZB5 AZ901	0.002
Nut wrench	–	1	ZB5 AZ905	0.016
Grooved lenses for BA 9s pilot lights	White	10	ZB7 EV01	0.002
	Green	10	ZB7 EV03	0.002
	Red	10	ZB7 EV04	0.002
	Yellow	10	ZB7 EV05	0.002
	Blue	10	ZB7 EV06	0.002
	Clear	10	ZB7 EV07	0.002
	Orange	10	ZB7 EV08	0.002
Commoning/earth terminal		10	XAL EZ09	0.005

Bulbs

Description	Voltage V	Power W	Colour	Sold in lots of	Unit reference	Weight kg
Standard incandescent bulbs	6	1.2	–	100	DL1 CB006NSP	0.002
BA 9s base fitting	24	2.0	–	100	DL1 CE024NSP	0.002
Ø 11 mm max. length 28 mm max.	130	2.4	–	100	DL1 CE130NSP	0.002
Long life incandescent bulbs	6	1.2	–	10	DL1 CB006	0.002
BA 9s base fitting	24	2.0	–	10	DL1 CE024	0.002
Ø 11 mm max. length 28 mm max.	130	2.4	–	10	DL1 CE130	0.002



ZB5 AZ901 ZB5 AZ902



ZB5 AZ905



XAL EZ09

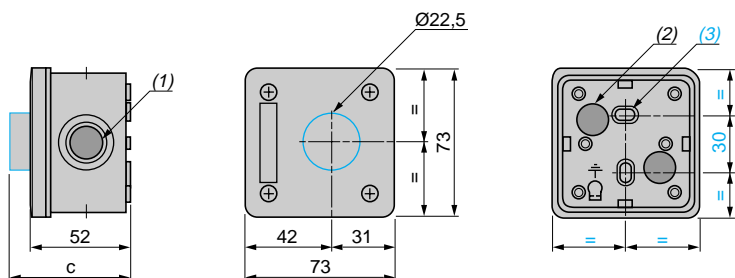


DL1 CE006

Plastic control stations XALE Optimum

For Harmony® Ø 22 control and signalling units XB7

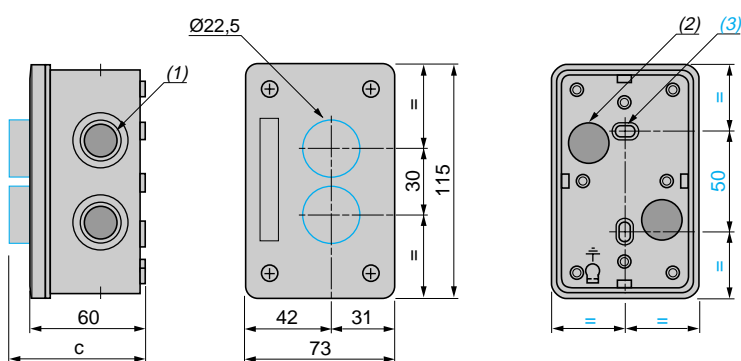
Control stations with 1 x Ø 22 control and signalling unit



Control station XAL E fitted with:	c
Flush pushbutton	61
Projecting pushbutton	63
Illuminated pushbutton	66.5
Pilot light	63
Emergency stop without key	81.5
Selector switch with standard handle	76.5
Key switch	92

(1) 4 ISO 20 knock-outs.
(2) 2 knock-outs for cable entry, maximum capacity 16 mm.
(3) 2 knock-out elongated fixing holes Ø 3 x 5.

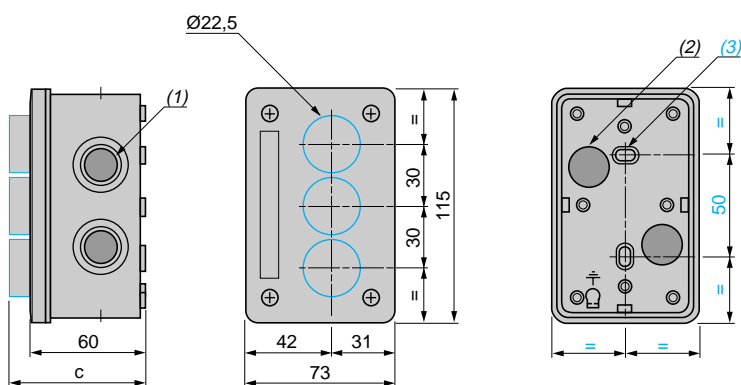
Control stations with 2 x Ø 22 control and signalling units



Control station XAL E fitted with:	c
Flush pushbutton	69
Projecting pushbutton	71
Illuminated pushbutton	74.5
Pilot light	71
Emergency stop without key	89.5
Selector switch with standard handle	84.5
Key switch	100

(1) 6 ISO 20 knock-outs.
(2) 2 knock-outs for cable entry, maximum capacity 20 mm.
(3) 2 knock-out elongated fixing holes Ø 3 x 5.

Control stations with 3 x Ø 22 control and signalling units



Control station XAL E fitted with:	c
Flush pushbutton	69
Projecting pushbutton	71
Illuminated pushbutton	74.5
Pilot light	71
Emergency stop without key	89.5
Selector switch with standard handle	84.5
Key switch	100

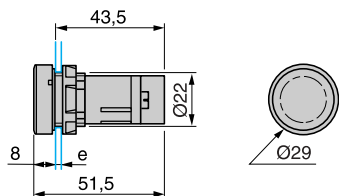
(1) 6 ISO 20 knock-outs.
(2) 2 knock-outs for cable entry, maximum capacity 20 mm.
(3) 2 knock-out elongated fixing holes Ø 3 x 5.

Plastic control stations XALE Optimum

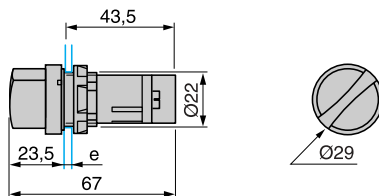
For Harmony® Ø 22 control and signalling units XB7

Harmony® Ø 22 control and signalling units XB7

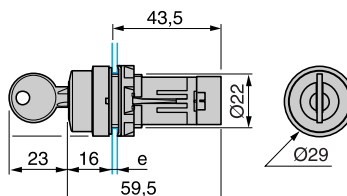
XB7 EA●●P, XB7 EH●●P



XB7 ED●●P

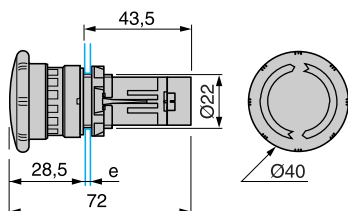


XB7 EG●●P

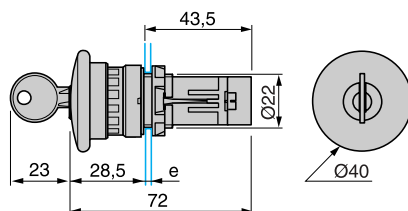


e: support panel thickness = 1 to 6 mm.

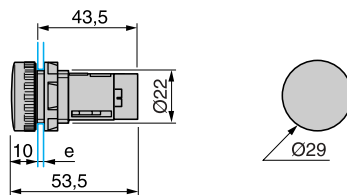
XB7 ES5●●P



XB7 ES1●●P

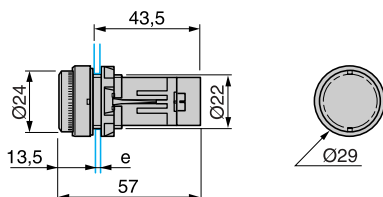


XB7 EV●●●P

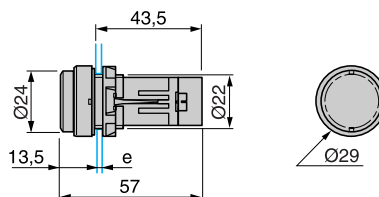


e: support panel thickness = 1 to 6 mm.

XB7 EW3●●●P, XB7 EH0●●●P

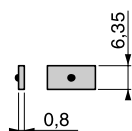


XB7 EL4●32P

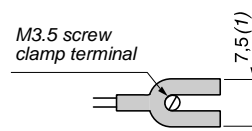


e: support panel thickness = 1 to 6 mm.

Faston clip connection



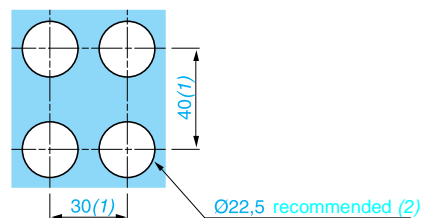
"U" type tag connection



(1) Maximum value.

Mounting

Diameter of finished fixing holes



(1) Minimum value.

(2) Standard value: Ø 22.3 (0; + 0.4).

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