Harmony® XALE plastic control stations

For Harmony XB7,
control and signaling units Ø 22

Catalog

June 2016

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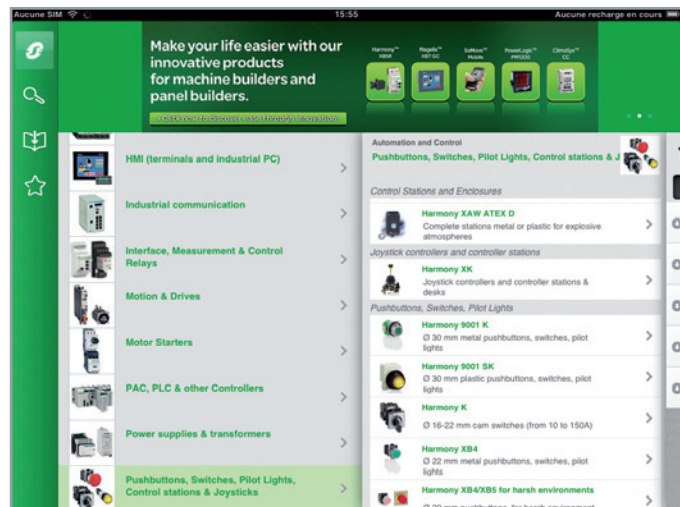
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General contents

Harmony® XALE plastic control stations and enclosures

Control stations and enclosures

Page 2

Type of applications	All applications			
Enclosures	**Plastic**			**Glass-reinforced polyester**
	Complete stations and separate components for customer assembly			**Empty insulated enclosures**

	XALK	XALD	XALE	XAPA
Main feature	Pre-drilled control stations			Pre-drilled or undrilled enclosures
Associated control and signalling units	Harmony XB5 with plastic bezel		Harmony XB7, monolithic, plastic	Harmony XB4 with metal bezel Harmony XB5 with plastic bezel
Number of cut-outs for Ø 22 control and signalling units	1, 2, 3, 4 or 5	1, 2 or 3 (complete stations) 1, 2, 3, 4 or 5 (empty enclosures)	1, 2 or 3	1, 2, 4, 8 or 16
Material	Polycarbonate		ABS	Glass-reinforced polyester
Colour	Yellow lid Light grey base	Dark grey lid Light grey base	Light grey or yellow lid Light grey base	Coloured grey throughout
Degree of protection	IP 65 / NEMA Enclosure type 4, 4X and 13		IP 54	IP 65
Function	Emergency Stop or Emergency switching off	Start or Stop Start-Stop with pilot light Motion control	According to equipment fitted: □ Start or Stop □ Start-Stop with pilot light □ Motion control □ Emergency stop	
Cable entries	Knock-outs (CM12)		Knock-outs (ISO 20)	Undrilled
Type references	**XALK**	**XALD**	**XALE**	**XAPA**

Page 3

	All applications			Specific applications		
	Metal		**Metal front plate, insulated protective rear cover**	**Plastic**		**Metal**
	Empty enclosures		**Empty, flush mounting enclosures: front plate + rear cover**	**Control stations for severe environments**	**Lift inspection stations**	**Key operated control stations**

|	XB2SL	XAPM, XAPJ	XAPE	XALG	XALF	XAPS
Main feature	Pre-drilled enclosures	Pre-drilled or undrilled enclosures	Pre-drilled front plates & rear covers	Pre-drilled empty control stations	Pre-drilled empty enclosures or fitted stations	Fitted stations
Associated control and signalling units	Harmony XB4 with metal bezel Harmony XB5 with plastic bezel			Harmony XB5 with plastic bezel	Harmony XB5 or XB7 with plastic bezel	With key lock
Number of cut-outs for Ø 22 control and signalling units	8, 16, 24, 30 or 40	1, 2, 3, 4, 6, 8 or 12	1, 2, 3, 4 or 5	1, 2, 3, 4 or 5	1, 2, 3, 4, 5 or 6 with or without power socket	–
Material	Aluminium alloy or sheet steel	Zinc or aluminium alloy	Front plate: brushed aluminium Rear cover:polystyrene	Mineral reinforced polyamide	Polycarbonate	Zinc alloy
Colour	Blue lid and base	**XAPM**: Blue lid Blue base **XAPJ**: Yellow lid Blue base	Unpainted aluminium	Black lid Black base	Yellow lid Light grey base	Grey
Degree of protection	IP 54	IP 65		IP 66 IP 69K	IP 44 (with power socket) IP 55 or IP 66 depending on model	IP 54
Function	According to equipment fitted: □ Start or Stop □ Start-Stop with pilot light □ Motion control □ Emergency stop					Start-Stop
Cable entries	□ Tapped entries for cable-glands □ or undrilled	Tapped entries for cable-glands	Knock-outs (with protective rear cover)	Two ISO 20 open entries	□ Knock-outs (CM12) □ or undrilled	Tapped for cable-glands
Type references	**XB2SL**	**XAPM, XAPJ**	**XAPE**	**XALG**	**XALF**	**XAPS**

Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22

1 — XB7E●●●P

1 — XB7EA●●●●P

1 — XB7EL4●32P

2 — XB7EV0●●P

3 — XB7EW●●●●P

4 — XB7ES●●●P

5 — XB7ED●●P

6 — XB7EG●●P

General

Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22
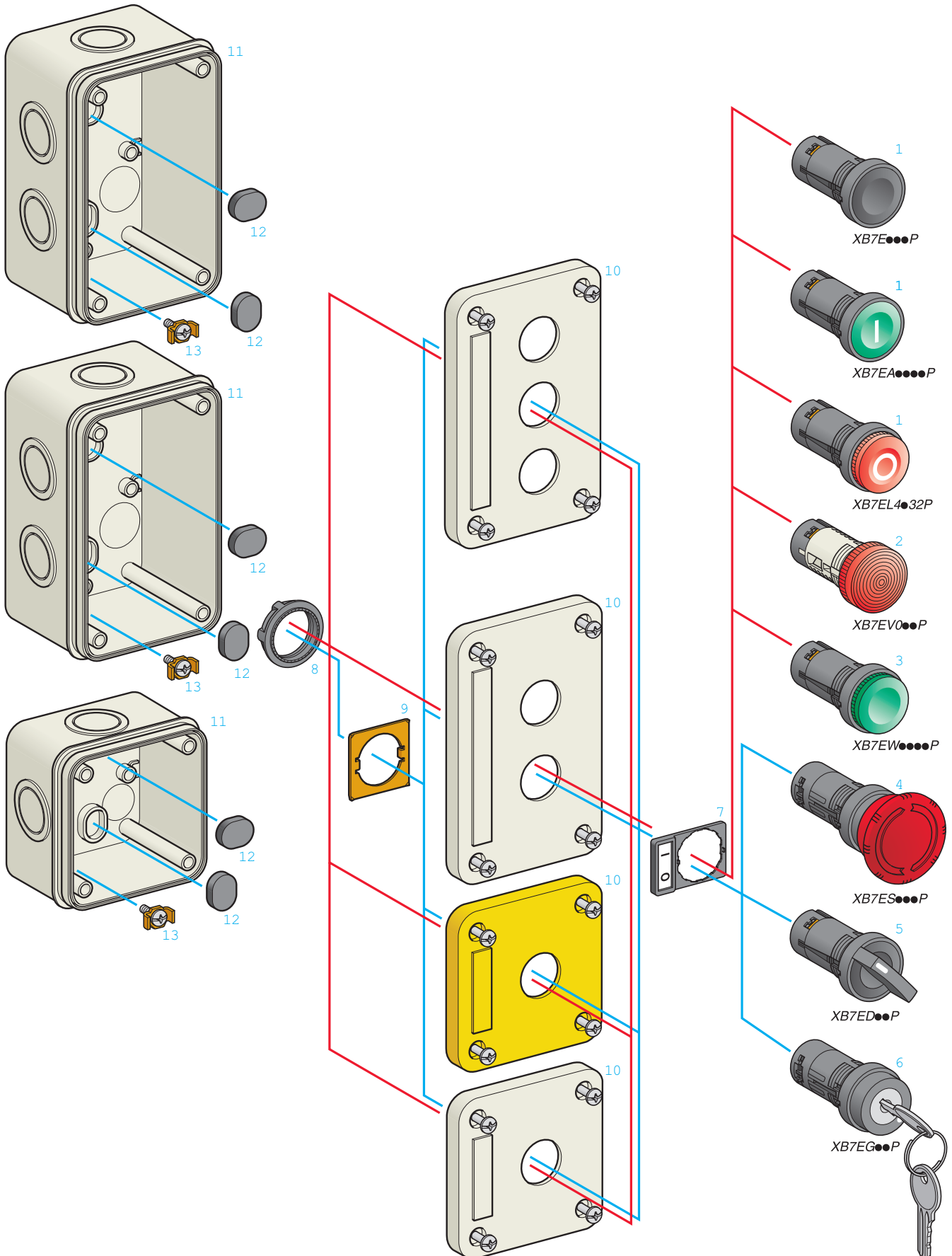
Presentation

Control stations XALE 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 XALE are available as complete products or as empty enclosures.

Complete stations

■ The complete XALE control stations are supplied fitted with one, two or three Ø 22 mm/Ø 0.87 in. control and signaling 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 XALE control stations meet simple control and/or signaling 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 and Emergency switching off 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 control stations

■ The XALE enclosures supplied empty comprise:
□ A light grey "RAL 7035" base **11** (material: ABS),
□ A light grey "RAL 7035" or yellow "RAL 7021" lid **10** (material: ABS) with 4 captive fixing screws,
□ 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 signaling 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.

Environment

■ Degree of protection (conforming to standard EN/IEC 60529): IP 54
■ Ambient air temperature for operation: - 25 to + 55° C/-13 to + 131° F
■ Conformity to standards:
□ EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-5 and EN/IEC 62208,
□ EN/IEC 60947-5-5 and IEC 60364-5-53 (mechanically latching Emergency switching off pushbuttons, see page 6).
□ EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5 and machinery directive 98/37/CE (trigger action and mechanical latching Emergency Stop pushbuttons).
■ Products certifications: C€.

Mounting and fixing

■ Control stations XALE easily mount on a support using two fixing screws. Two fixing screw caps **12** *(3)* and a rubber seal *(3)* ensure the sealing and electrical insulation of the installation (IP 54 degree of protection).
■ Control stations XALE 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 (to be ordered separately).

(1) Except pilot lights type XB7EV8●P supplied via integral transformer.
(2) Included with Harmony Ø 22 mm/0.87 in. control and signaling units XB7.
(3) Included with complete stations and empty enclosures.

Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22
Complete stations

XALE1011

XALE1031

XALE1W1●

Integral
LED

XALE1333

XALE1441

XALEK178●

Complete stations

With 1 x Ø 22 mm/0.87 in. control and signaling unit (grey control station base and lid)

Equipment (1) and dimensions (w x h x d)	Color of push	Type of contact			Marking Text (color)	Reference	Weight kg/lb
		N/O	N/C	C/O			
1 spring return pushbutton, flush type, 73 x 73 x 61 mm/ 2.87 x 2.87 x 2.40 in.	Green	1	–	–	–	XALE1011	0.100/0.220
		2	–	–	–	XALE1013	0.100/0.220
		1	–	–	I (white)	XALE1021	0.100/0.220
		1	–	–	START (white)	XALE1031	0.100/0.220
	Red	–	1	–	–	XALE1112	0.100/0.220
		–	–	1	–	XALE1115	0.100/0.220
		–	1	–	STOP (white)	XALE1142	0.100/0.220
1 spring return pushbutton, projecting type, 73 x 73 x 63 mm/ 2.87 x 2.87 x 2.48 in.	Red	–	1	–	O (white)	XALE1152	0.100/0.220
		–	–	1	O (white)	XALE1155	0.100/0.220

Equipment (1) and dimensions (w x h x d)	Color of lens	Type of contact			Supply voltage	Reference	Weight kg/lb
		N/O	N/C	C/O			
1 projecting illuminated spring return pushbutton with integral LED 73 x 73 x 63 mm/ 2.87 x 2.87 x 2.48 in.	Green	1	–	–	⏦ 24 V	XALE1W1B	0.100/0.220
		1	–	–	∼ 230/240 V	XALE1W1M	0.100/0.220
	Red	–	1	–	⏦ 24 V	XALE1W2B	0.100/0.220
		–	1	–	∼ 230/240 V	XALE1W2M	0.100/0.220

Equipment (1) and dimensions (w x h x d)	Number and type of positions	Type of contact			Marking Text (color)	Reference	Weight kg/lb
		N/O	N/C	C/O			
1 selector switch with standard handle 73 x 73 x 76.5 mm/ 2.87 x 2.87 x 3.01 in.	2 position, stay put	1	–	–	O I (white)	XALE1341	0.105/0.231
	2 position, stay put	1	1	–	O I (white)	XALE1345	0.105/0.231
	3 position, stay put	2	–	–	I O II (white)	XALE1333	0.105/0.231
1 key switch (key n° 455) 73 x 73 x 92 mm/ 2.87 x 2.87 x 3.62 in.	2 position, stay put (2)	1	–	–	O I (white)	XALE1441	0.115/0.254

Emergency stop (grey control station base and yellow lid) (3)

Equipment (1) and dimensions (w x h x d)	Color of push	Type of reset	Type of contact			Reference	Weight kg/lb
			N/O	N/C	C/O		
1 Emergency stop pushbutton, trigger action 73 x 73 x 94 mm/ 2.87 x 2.87 x 3.70 in.	Red	Turn to release	–	2	–	XALEK178F	0.119/0.262
			1	1	–	XALEK178E	0.119/0.262
		Key release	–	2	–	XALEK188F	0.145/0.320

(1) Please see our website www.schneider-electric.com for more precised information about dimensions of components.
(2) The symbol "⌇" indicates key withdrawal position.
(3) Emergency stop trigger action and mechanically latching mushroom head pushbuttons conform to standards EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL.

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Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22
Complete stations

PF523054

XALE201●

PF523053

XALE222●

PF523055

XALE21V1●

Equipment (1) and dimensions (w x h x d)	Type of push	Type of contact			Marking	Reference	Weight kg/lb
		N/O	N/C	C/O	Text (color)		
Complete stations (continued)							
With 2 x Ø 22 mm/0.87 in. control and signaling units (grey control station base and lid)							
2 spring return pushbuttons 73 x 115 x 69 mm/ 2.87 x 4.53 x 2.72 in.	1 flush, green	1	–	–	–	**XALE2011**	0.145/0.320
	1 flush, red	–	1	–	–		
	1 flush, green	2	–	–	–	**XALE2015**	0.145/0.320
	1 flush, red	–	–	1	–		
	1 flush, green	1	–	–	**START** (white)	**XALE2151**	0.145/0.320
	1 flush, red	–	1	–	**STOP** (white)		
	1 flush, green	1	–	–	**I** (white)	**XALE2141**	0.145/0.320
	1 projecting, red	–	1	–	**O** (white)		
	1 flush, white	1	–	–	➡ (black)	**XALE2231**	0.145/0.320
	1 flush, black	1	–	–	⇦ (white)		
	1 flush, white	–	–	1	➡ (black)	**XALE2235**	0.145/0.320
	1 flush, black	–	–	1	⇦ (white)		
	1 flush, white	1	–	–	⬆ (black)	**XALE2221**	0.145/0.320
	1 flush, black	1	–	–	⬇ (white)		
	1 flush, white	–	–	1	⬆ (black)	**XALE2225**	0.145/0.320
	1 flush, black	–	–	1	⬇ (white)		
1 spring return pushbutton + 1 pilot light with integral LED (⎓ 24 V), green, 73 x 115 x 71 mm/ 2.87 x 4.53 x 2.80 in. Integral LED	1 flush, green	1	–	–	**I** (white)	**XALE21V1B**	0.145/0.320
	–	–	–	–	–		
1 spring return pushbutton + 1 pilot light with integral LED (∼ 230/240 V), green, 73 x 115 x 71 mm/ 2.87 x 4.53 x 2.80 in. Integral LED	1 flush, green	1	–	–	**I** (white)	**XALE21V1M**	0.145/0.320
	–	–	–	–	–		

(1) Please see our website www.schneider-electric.com for more precised information about dimensions of components.

Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22
Complete stations

PF523056

XALE33V●●

PF523057

XALE325●

PF523058

XALE3441

Complete stations (continued)

With 3 x Ø 22 mm/*0.87 in.* control and signaling units (grey control station base and lid)

Equipment (1) and dimensions (w x h x d)	Type of push or color of lens	Type of contact			Marking Text (color)	Reference	Weight kg/*lb*
		N/O	N/C	C/O			
2 spring return pushbuttons + 1 pilot light with integral LED (⎓ 24 V), red 73 x 115 x 71 mm/ *2.87 x 4.53 x 2.80 in.* **Integral LED**	1 flush, green 1 flush, red –	1 – –	– 1 –	– – –	I (white) O (white) –	XALE33V2B	0.170/*0.375*
2 spring return pushbuttons + 1 pilot light with integral LED (∼ 230/240 V), red 73 x 115 x 71 mm/ *2.87 x 4.53 x 2.80 in.* **Integral LED**	1 flush, green 1 flush, red –	1 – –	– 1 –	– – –	I (white) O (white) –	XALE33V2M	0.170/*0.375*
2 spring return pushbuttons + 1 pilot light with integral LED (⎓ 24 V), green 73 x 115 x 71 mm/ *2.87 x 4.53 x 2.80 in.* **Integral LED**	1 flush, green 1 flush, red –	1 – –	– 1 –	– – –	I (white) O (white) –	XALE33V1B	0.170/*0.375*
2 spring return pushbuttons + 1 pilot light with integral LED (∼ 230/240 V), green 73 x 115 x 71 mm/ *2.87 x 4.53 x 2.80 in.* **Integral LED**	1 flush, green 1 flush, red –	1 – –	– 1 –	– – –	I (white) O (white) –	XALE33V1M	0.170/*0.375*
3 spring return pushbuttons 73 x 115 x 71 mm/ *2.87 x 4.53 x 2.80 in.*	1 flush, white 1 projecting, red 1 flush, black	1 – 1	– 1 –	– – –	⇐ (black) O (white) ➡ (white)	XALE3251	0.170/*0.375*
	1 flush, white 1 projecting, red 1 flush, black	– – –	– – –	1 1 1	⇐ (black) O (white) ➡ (white)	XALE3255	0.170/*0.375*
	1 flush, green 1 projecting, red 1 flush, green	2 – 2	– – –	– 1 –	I (white) O (white) II (white)	XALE3405	0.170/*0.375*
	1 flush, green 1 projecting, red 1 flush, green	1 – 1	– 1 –	– – –	I (white) O (white) II (white)	XALE3401	0.170/*0.375*
	1 flush, white 1 projecting, red 1 flush, black	1 – 1	– 1 –	– – –	⇐ (black) O (white) ➡ (white)	XALE3351	0.170/*0.375*
	1 flush, white 1 projecting, red 1 flush, black	– – –	– – –	1 1 1	⇐ (black) O (white) ➡ (white)	XALE3355	0.170/*0.375*
1 key switch (key n° 455) ⚷ / (2) + 2 spring return pushbuttons 73 x 115 x 84.5 mm/ *2.87 x 4.53 x 3.33 in.*	1 black operator (2 position, stay put) 1 flush, white 1 flush, black	1 1 1	– – –	– – –	O I (white) ⬆ (black) ⬇ (white)	XALE3441	0.180/*0.397*

(1) Please see our website www.schneider-electric.com for more precised information about dimensions of components.
(2) The symbol "⚷" indicates key withdrawal position.

Schneider Electric

Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22
Empty control stations and separate components

XALE2

XALE3

XALEK1

Empty control stations

Description	Number of cut-outs	Dimensions (1) w x h x d mm/in.	Sold in lots of	Unit reference	Weight kg/lb
For Ø 22 mm/0.87 in. control and signaling units					
Light grey "RAL 7035" lid and base	1	73 x 73 x 52/ 2.87 x 2.87 x 2.05	5	**XALE1**	0.080/0.176
	2	73 x 115 x 60/ 2.87 x 4.53 x 2.36	5	**XALE2**	0.100/0.220
	3	73 x 115 x 60/ 2.87 x 4.53 x 2.36	5	**XALE3**	0.100/0.220
For Emergency stop mushroom head pushbutton only (2)					
Yellow "RAL 1021" lid, light grey "RAL 7035" base	1	73 x 73 x 52/ 2.87 x 2.87 x 2.05	5	**XALEK1**	0.080/0.176

XB7NA31

XB7NL4●

XB7NH2●

Pushbuttons

Shape of head	Type of push	Type of contact NO	NC	Marking Text	Color	Color of push	Sold in lots of	Unit reference	Weight kg/lb
Spring return pushbutton without marking									
	Flush	1	–	–	–	White	10	**XB7NA11**	0.021/0.046
		1	–	–	–	Black	10	**XB7NA21**	0.021/0.046
		1	–	–	–	Green	10	**XB7NA31**	0.021/0.046
		1	–	–	–	Yellow	10	**XB7NA81**	0.021/0.046
		1	1	–	–	White	10	**XB7NA15**	0.021/0.046
		1	1	–	–	Black	10	**XB7NA25**	0.021/0.046
		1	1	–	–	Green	10	**XB7NA35**	0.021/0.046
		1	1	–	–	Red	10	**XB7NA45**	0.021/0.046
		1	1	–	–	Blue	10	**XB7NA65**	0.021/0.046
		1	1	–	–	Yellow	10	**XB7NA85**	0.021/0.046
		–	1	–	–	Red	10	**XB7NA42**	0.021/0.046
		2	–	–	–	Black	10	**XB7NA23**	0.021/0.046
		2	–	–	–	Green	10	**XB7NA33**	0.021/0.046
		–	2	–	–	Red	10	**XB7NA44**	0.021/0.046
	Projecting	–	1	–	–	Red	10	**XB7NL42**	0.021/0.046
		1	1	–	–	Red	10	**XB7NL45**	0.021/0.046
		–	2	–	–	Red	10	**XB7NL44**	0.021/0.046
Latching pushbutton without marking									
	Flush	1	–	–	–	Black	10	**XB7NH21**	0.021/0.046
		1	–	–	–	Green	10	**XB7NH31**	0.021/0.046
		1	1	–	–	Black	10	**XB7NH25**	0.021/0.046
		1	1	–	–	Green	10	**XB7NH35**	0.021/0.046
		1	–	–	–	Yellow	10	**XB7NH81**	0.021/0.046

Control stations and enclosures
Plastic control stations XALE
For Harmony XB7 control and signaling units Ø 22
Separate components

XB7NA3133

XB7NA4234

XB7NL4232

XB7NW33●1

Pushbuttons (continued)

Shape of head	Type of push	Type of contact		Marking		Color of push	Sold in lots of	Unit reference	Weight kg/*lb*
		NO	NC	Text	Color				
Spring return pushbutton with marking									
	Flush	1	–	I	White	Green	**10**	**XB7NA3131**	0.021/*0.046*
		1	–	II	White	Green	**10**	**XB7NA3136**	0.021/*0.046*
		1	–	MARCHE	White	Green	**10**	**XB7NA3142**	0.021/*0.046*
		1	–	START	White	Green	**10**	**XB7NA3133**	0.021/*0.046*
		1	–	↓	Black	White	**10**	**XB7NA11343**	0.021/*0.046*
		1	–	↑	Black	White	**10**	**XB7NA11341**	0.021/*0.046*
		1	–	⇓	White	Black	**10**	**XB7NA21343**	0.021/*0.046*
		1	–	⇑	White	Black	**10**	**XB7NA21341**	0.021/*0.046*
		–	1	O	White	Red	**10**	**XB7NA4232**	0.021/*0.046*
		–	1	STOP	White	Red	**10**	**XB7NA4234**	0.021/*0.046*
		–	1	ARRET	White	Red	**10**	**XB7NA4233**	0.021/*0.046*
		–	1	ARRET	White	Black	**10**	**XB7NA2233**	0.021/*0.046*
		2	–	I	White	Green	**10**	**XB7NA3331**	0.021/*0.046*
		2	–	II	White	Green	**10**	**XB7NA3336**	0.021/*0.046*
		2	–	MARCHE	White	Green	**10**	**XB7NA3342**	0.021/*0.046*
		2	–	START	White	Green	**10**	**XB7NA3333**	0.021/*0.046*
		1	1	O	White	Red	**10**	**XB7NA4532**	0.021/*0.046*
		1	1	STOP	White	Red	**10**	**XB7NA4534**	0.021/*0.046*
		1	1	↓	Black	White	**10**	**XB7NA15343**	0.021/*0.046*
		1	1	↑	Black	White	**10**	**XB7NA15341**	0.021/*0.046*
		1	1	ARRET	White	Black	**10**	**XB7NA2533**	0.021/*0.046*
		1	1	⇓	White	Black	**10**	**XB7NA25343**	0.021/*0.046*
		1	1	⇑	White	Black	**10**	**XB7NA25341**	0.021/*0.046*
		1	1	ARRET	White	Red	**10**	**XB7NA4533**	0.021/*0.046*
	Projecting	–	1	ARRET	White	Red	**10**	**XB7NL4233**	0.021/*0.046*
		–	1	O	White	Red	**10**	**XB7NL4232**	0.021/*0.046*
		–	1	STOP	White	Red	**10**	**XB7NL4234**	0.021/*0.046*
		–	1	ARRET	White	Black	**10**	**XB7NL2233**	0.021/*0.046*
		1	1	ARRET	White	Red	**10**	**XB7NL4533**	0.021/*0.046*
		1	1	O	White	Red	**10**	**XB7NL4532**	0.021/*0.046*
		1	1	STOP	White	Red	**10**	**XB7NL4534**	0.021/*0.046*
		1	1	ARRET	White	Black	**10**	**XB7NL2533**	0.021/*0.046*

Illuminated pushbuttons, with projecting push
With integral LED

Shape of head	Type of push and contacts	Color of lens	Sold in lots of	Unit reference by supply voltage (1)			Weight kg/*lb*
				24 V ∼/⎓	120 V ∼	230 V ∼	
	Spring return push with NO and NC contacts (1)	Green	**10**	**XB7NW33B1**	**XB7NW33G1**	**XB7NW33M1**	0.023/*0.051*
		Red	**10**	**XB7NW34B1**	**XB7NW34G1**	**XB7NW34M1**	0.023/*0.051*
			10	**XB7NW34B2**	**XB7NW34G2**	**XB7NW34M2**	0.023/*0.051*
		Orange	**10**	**XB7NW35B1**	**XB7NW35G1**	**XB7NW35M1**	0.023/*0.051*
		Blue	**10**	**XB7NW36B1**	**XB7NW36G1**	**XB7NW36M1**	0.023/*0.051*
		Clear	**10**	**XB7NW37B1**	**XB7NW37G1**	**XB7NW37M1**	0.023/*0.051*
		Yellow	**10**	**XB7NW38B1**	**XB7NW38G1**	**XB7NW38M1**	0.023/*0.051*
	Latching push	Green	**10**	**XB7NJ03B1**	**XB7NJ03G1**	**XB7NJ03M1**	0.023/*0.051*
		Red	**10**	**XB7NJ04B1**	**XB7NJ04G1**	**XB7NJ04M1**	0.023/*0.051*
			10	**XB7NJ04B2**	**XB7NJ04G2**	**XB7NJ04M2**	0.023/*0.051*
		Orange	**10**	**XB7NJ05B1**	**XB7NJ05G1**	**XB7NJ05M1**	0.023/*0.051*
		Blue	**10**	**XB7NJ06B1**	**XB7NJ06G1**	**XB7NJ06M1**	0.023/*0.051*
		Clear	**10**	**XB7NJ07B1**	**XB7NJ07G1**	**XB7NJ07M1**	0.023/*0.051*
		Yellow	**10**	**XB7NJ08B1**	**XB7NJ08G1**	**XB7NJ08M1**	0.023/*0.051*

*(1) All product references ending in "1" are for products with "NO" contacts (example: **XB7NW34B1**).*
*All product references ending in "2" are for products with "NC" contacts (example: **XB7NW34B2**).*

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Separate components

PF-100408

XB7NW3361

Illuminated pushbuttons, with projecting push (continued)

With BA 9s base fitting (1)

Shape of head	Type of push	Type of contact		Color of lights	Sold in lots of	Unit reference 250 V ∿ max.	Weight kg/*lb*
		NO	NC				
	Spring return	1	–	Green	10	XB7NW3361	0.022/*0.048*
		1	–	Red	10	XB7NW3461	0.022/*0.048*
		1	–	Orange	10	XB7NW3561	0.022/*0.048*
		1	–	Blue	10	XB7NW3661	0.022/*0.048*
		1	–	Clear	10	XB7NW3761	0.022/*0.048*
		1	–	Yellow	10	XB7NW3861	0.022/*0.048*
	Latching	1	–	Green	10	XB7NJ0361	0.022/*0.048*
		1	–	Red	10	XB7NJ0461	0.022/*0.048*
		1	–	Orange	10	XB7NJ0561	0.022/*0.048*
		1	–	Blue	10	XB7NJ0661	0.022/*0.048*
		1	–	Clear	10	XB7NJ0761	0.022/*0.048*
		1	–	Yellow	10	XB7NJ0861	0.022/*0.048*

Pilot lights

With integral LED

Shape of head	Type of light source included)	Color of lens	Sold in lots of	Unit reference by supply voltage (2)			Weight kg/*lb*
				24 V ∿/⎓	120 V ∿	230 V ∿	
	Integral LED	Green	10	XB7EV03BP	XB7EV03GP	XB7EV03MP	0.020/*0.044*
		Red	10	XB7EV04BP	XB7EV04GP	XB7EV04MP	0.020/*0.044*
		Yellow	10	XB7EV05BP	XB7EV05GP	XB7EV05MP	0.020/*0.044*
		Blue	10	XB7EV06BP	XB7EV06GP	XB7EV06MP	0.020/*0.044*
		Clear	10	XB7EV07BP	XB7EV07GP	XB7EV07MP	0.020/*0.044*
		Orange	10	XB7EV08BP	XB7EV08GP	XB7EV08MP	0.020/*0.044*

PF-100406

XB7EV08●P

With BA 9s base fitting

Shape of head	Supply	Color of lens	Sold in lots of	Unit reference (2)		Weight kg/*lb*
				With bulb	Without bulb	
	With resistor, for 130 V, 2.6 W bulb Supply voltage: 230 V ∿, 50-60 Hz	Green	10	XB7EV73P	XB7EV730P	0.020/*0.044*
		Red	10	XB7EV74P	XB7EV740P	0.020/*0.044*
		Yellow	10	XB7EV75P	XB7EV750P	0.020/*0.044*
		Blue	10	XB7EV76P	XB7EV760P	0.020/*0.044*
		Clear	10	XB7EV77P	XB7EV770P	0.020/*0.044*
		Orange	10	XB7EV78P	XB7EV780P	0.020/*0.044*
	Direct for BA 9s base fitting incandescent bulb Supply voltage: ⩽ 250 V (3)	Green	10	–	XB7EV63P	0.020/*0.044*
		Red	10	–	XB7EV64P	0.020/*0.044*
		Yellow	10	–	XB7EV65P	0.020/*0.044*
		Blue	10	–	XB7EV66P	0.020/*0.044*
		Clear	10	–	XB7EV67P	0.020/*0.044*
		Orange	10	–	XB7EV68P	0.020/*0.044*

PF-100407

XB7EV75P

(1) Bulb, 1.2 W maximum, to be ordered separately. See page 13.
(2) 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: XB7EV07BP becomes XB7EV07BP3.
(3) Bulb characteristics for direct supply pilot lights: 250 V, 2.6 W.

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XB7ND2●

XB7NG33

XB7NS84●

XB7ES54●P

Selector switches and key switches

Shape of head	Type of operator	Type of contact NO	Type of contact NC	Number and type of positions (1)		Sold in lots of	Unit reference	Weight kg/lb
	Standard handle, black	1	–	2, stay put		10	XB7ND21	0.026/0.057
		1	1	2, stay put		10	XB7ND25	0.026/0.057
		2	–	3, stay put		10	XB7ND33	0.026/0.057
	Key (key n° 455)	1	–	2, key withdrawal in LH position		10	XB7NG21	0.050/0.110
		2	–	3, key withdrawal in centre position		10	XB7NG33	0.050/0.110

Ø 40 mm/Ø 1.57 in. Emergency stop trigger action and mechanically latching mushroom head pushbuttons

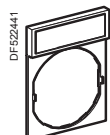| Shape of head	Type of push	Standards	Type of contact NO	Type of contact NC	Color of push	Sold in lots of	Unit reference	Weight kg/lb
	Turn to release	EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL	–	1	Red	10	XB7NS8442	0.045/0.099
			1	1	Red	10	XB7NS8445	0.045/0.099
			–	2	Red	10	XB7NS8444	0.045/0.099
	Push-pull		–	1	Red	10	XB7NT842	0.040/0.088
			1	1	Red	10	XB7NT845	0.040/0.088
			–	2	Red	10	XB7NT844	0.040/0.088
	Key release (n° 455)		–	2	Red	10	XB7NS9444	0.072/0.159
			–	1	Red	10	XB7NS9445	0.072/0.159

Ø 40 mm/Ø 1.57 in. Emergency switching off mechanically latching mushroom head pushbuttons

Shape of head	Type of push	Standard	Type of contact NO	Type of contact NC	Color of push	Sold in lots of	Unit reference	Weight kg/lb
	Turn to release	IEC 60364-5-53	–	1	Red	10	XB7ES542P	0.032/0.070
			1	1-	Red	10	XB7ES545P	0.035/0.077
	Key release (n° 455)		–	1	Red	10	XB7ES142P	0.055/0.121
			1	1	Red	10	XB7ES145P	0.058/0.128

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

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Separate components and accessories

ZBY2101

ZBY9130

ZB5AZ901

ZB5AZ902

ZB5AZ905

DL1CE●●●

DL1CS●●●●

Legend holder, 30 x 40 mm/*1.18 x 1.57 in.* with legend (black or red background)

With blank legend

Text	Sold in lots of	Unit reference	Weight kg/*lb*
Without	10	ZBY2101	0.001/*0.002*

With marked legend (sold singly)

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

Text	Unit reference	Weight kg/*lb*	Text	Unit reference	Weight kg/*lb*
Auto	ZBY2115	0.001/*0.002*	Reset	ZBY2323	0.001/*0.002*
Down	ZBY2308	0.001/*0.002*	Reverse	ZBY2306	0.001/*0.002*
Forward	ZBY2305	0.001/*0.002*	Right	ZBY2309	0.001/*0.002*
Hand	ZBY2316	0.001/*0.002*	Start	ZBY2303	0.001/*0.002*
Inch	ZBY2321	0.001/*0.002*	Stop	ZBY2304	0.001/*0.002*
Left	ZBY2310	0.001/*0.002*	Up	ZBY2307	0.001/*0.002*
Off	ZBY2312	0.001/*0.002*	O	ZBY2146	0.001/*0.002*
On	ZBY2311	0.001/*0.002*	I	ZBY2147	0.001/*0.002*
Power on	ZBY2326	0.001/*0.002*	O-I	ZBY2178	0.001/*0.002*

Circular legends for Emergency stop mushroom head pushbuttons

Diameter mm/*in.*	Color	Marking on yellow background	Unit reference	Weight kg/*lb*
60/*2.36*	Yellow	–	ZBY9101	0.004/*0.009*
		EMERGENCY STOP	ZBY9330	0.004/*0.009*
		ARRET D'URGENCE	ZBY9130	0.004/*0.009*
		NOT-AUS	ZBY9230	0.004/*0.009*
		PARADA DE EMERGENCIA	ZBY9430	0.004/*0.009*
		ARRESTO EMERGENZA	ZBY9630	0.004/*0.009*

Accessories

Description	Color	Sold in lots of	Unit reference	Weight kg/*lb*
Fixing nut	–	10	ZB5AZ901	0.002/*0.004*
Anti-rotation plate	–	10	ZB5AZ902	0.008/*0.018*
Fixing nut tightening tool	–	1	ZB5AZ905	0.016/*0.035*
Grooved lenses for BA 9s pilot lights	White	10	ZB7EV01	0.002/*0.004*
	Green	10	ZB7EV03	0.002/*0.004*
	Red	10	ZB7EV04	0.002/*0.004*
	Yellow	10	ZB7EV05	0.002/*0.004*
	Blue	10	ZB7EV06	0.002/*0.004*
	Clear	10	ZB7EV07	0.002/*0.004*
	Orange	10	ZB7EV08	0.002/*0.004*
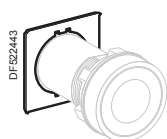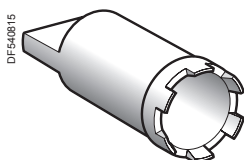
Bulbs

Description	Voltage V	Power W	Color	Sold in lots of	Unit reference	Weight kg/*lb*
Incandescent bulbs, long life	6	1.2	–	10	DL1CB006	0.002/*0.004*
BA 9s base fitting	24	2.0	–	10	DL1CE024	0.002/*0.004*
Ø 11 mm/Ø *0.43 in.* max. length 28 mm/*1.10 in.* max.	130	2.6	–	10	DL1CE130	0.002/*0.004*
Neon bulbs	220…240	–	Green	10	DL1CS3220	0.002/*0.004*
BA 9s base fitting			Blue	10	DL1CS6220	0.002/*0.004*
Ø 11 mm/Ø *0.43 in.* max. length 28 mm/*1.10 in.* max.			Orange *(1)*	10	DL1CS7220	0.002/*0.004*
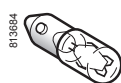
(1) For use with red, yellow or clear pilot light.

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