

Schneider Electric India Pvt. Ltd. (A 100% subsidiary of Schneider Electric Industries SAS)

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Harmony® Ø 22
Control and Signalling units

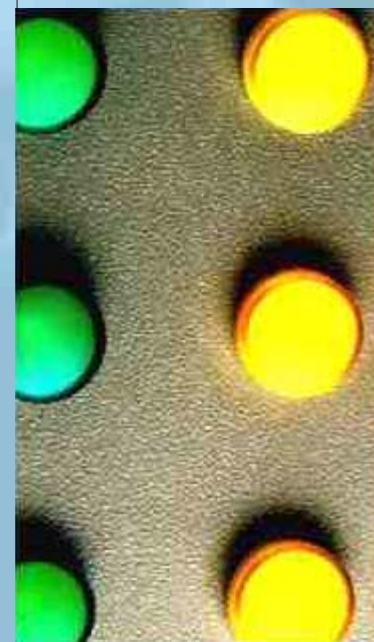
Catalogue
2004





Schneider Electric

Schneider Electric is the only worldwide specialist in electrical distribution, industrial control and automation. With market supremacy spread over 130 countries, the 3 brands of Schneider Electric, Merlin Gerin, Square D and Telemecanique are internationally acclaimed as technical wonders and are synonymous with quality and reliability. Schneider Electric India is a wholly owned subsidiary of Schneider Electric Industries, SAS of France. With 3 manufacturing units at Nashik, Chennai and Baroda, 30 sales locations, 400 distributors and channel partners, service and application center, helpdesk and training center, Schneider Electric India strives to bring these very values to the esteemed customers.



Telemecanique

Telemecanique, one of the flagship brands of Schneider

Electric is an old name in the field of industrial control

products. In the range of pushbuttons, pilot lights and

control and signalling units, Telemecanique commands

undisputed respect - a result of its ingenious products

and persistent quality. The whole range of pushbuttons &

pilot lights adds a different dimension to industrial

operation - ensuring easier mounting, modular

construction, superior aesthetics and true colours.

Brightness Revisited



The range of pushbuttons and pilot lights from the house of **Telemecanique** heralds a different beginning towards a new electric world. The most beautiful amongst its species, the **Telemecanique** range of pushbuttons, switches & pilot lights are highly desired by those who value quality. Its undisputed technological supremacy, along with easy to use and easier to mount features, makes them the brightest among its progenitors.

Control and signalling units Ø 22

Harmony[®] Style 5 & Style 7
Pushbuttons, Switches and Pilot lights

General

Assembly of complete units using body and head sub assemblies

XB5 switches and Illuminated switches



XB7 Pilot lights



Control and signalling units Ø 22

Harmony® style 5 and style 7
Pushbuttons, Switches and Pilot lights

Characteristics

Environment

Ambient air temperature around the device	Storage	°C	- 40... + 70
	Operation	°C	- 25... + 70 unless otherwise stated
Degree of protection	Conforming to IEC 529		IP 54, unless otherwise stated IP 66, for booted pushbutton heads
Electric shock protection	Conforming to IEC 536		Class II, Double Insulation
Conformity to standards			IEC/EN 60947-5-1, IS 13947-5-1

Characteristics of contact blocks

Mechanical characteristics

Contact operation	N/C or N/O		Slow break (all functions incorporating a N/C contact are positive operation.)
Operating travel (to change electrical state)	Pushbutton	mm mm mm	Changing N/C state : 1.5 Changing N/O state : 2.6 Total travel : 4.3
Mechanical durability (in millions of operating cycles)	Pushbutton	Spring return	5
		Double-headed	1
		Push-push to release	0.5
	Selector switches	Non-illuminated	3
		Illuminated	1
	Emergency stop pushbutton		0.3
Vibration resistance	Conforming to IEC 68-2-6	gn	Frequency : 2 to 500 Hz : 5

Electrical Characteristics

Cabling capacity	Conforming to IEC 947-1	mm ² mm ²	Screw clamp terminals Min : 1 x 0.22 without cable end (1 x 0.34 for linking) Max : 2 x 1.5 with cable end Cross headed screw (Pozidrive type 1 or Philips type 1") slotted for flat 4 and 5.5 mm screwdriver
Contact material	Silver alloy (Ag / Ni)		
Short-circuit protection	Conforming to IEC / EN 60947-5-1	A	10A gG cartridge fuse conforming to IEC 269-1
Nominal Thermal current	Conforming to IEC / EN 60947-5-1	A	10
Rated insulation voltage	Conforming to IEC 947-1	V	Ui = 600 degree of pollution 3
Rated impulse withstand voltage	Conforming to IEC 947-1	kV	Uimp = 6
Rated operational characteristics Conforming to IEC/EN 60947-5-1	a.c supply :utilisation category AC-15		Ue = 240 V and Ie = 3 A
	d.c. supply : utilisation category DC-13		Ue = 125 V and Ie = 0.55 A
Electrical durability Conforming to IEC/EN 60947-5-1 Appendix C Operating rate 3600 operating cycles/hour. Load factor : 0.5	a.c. supply for 1 million operating cycles, utilisation category AC-15	V A	24 4 120 3 230 2
	d.c. supply for 1 million operating cycles, utilisation category DC-13	V A	24 0.5 110 0.2

Control and signalling units Ø 22

Harmony® style 5 and style 7
Pushbuttons, Switches and Pilot lights

Characteristics

Characteristics of XB7 LED Pilot lights and other LED functions

Voltage limits	Nominal voltage	V	≈ 24V : ac : +/-10% : dc : 20 to 30 V ~ 120 V (50 / 60 Hz) : 100 to 140 V ~ 230 V (50 Hz) : 200 to 264 V
Current consumption	Applicable to all colours	mA	15 (all voltages)
Service life	At nominal voltage and at an ambient temperature of 30°C	H	100,000
Safety			In case of internal failure, the unit will not result in short-circuit of the supply source
Surge withstand	Conforming to IEC 61000-4-5	kV	1
Resistance to fast transients	Conforming to IEC 61000-4-4	kV	2
Resistance to electromagnetic fields	Conforming to IEC 61000-4-3	V/m	10
Rated impulse withstand voltage	Conforming to IEC 947-1	kV	Direct supply pilot light blocks (BA 9s bulbs) : Uimp = 4
		kV	Pilot light blocks with integral LED : Uimp = 4.8
Cabling capacity	Conforming to IEC 947-1	mm ² mm ²	Screw clamp terminals Min : 1 x 0.22 without cable end (1 x 0.34 for linking) Max : 2 x 1.5 with cable end

Specific characteristics of XB7 and XB5 Bulb light functions

Voltage limits		V	+/- 10% nominal supply voltage
Power		W	2.4 Max

Control and signalling units Ø 22

Harmony[®] style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A

Reference

Pushbuttons spring return (screw clamp terminal connections)

Shape of head	Description	Type of contact		Marking	Colour of Cap	Reference
		N/O	N/C			
 XB5-AA21N	Flush	1	-	-	White	XB5-AA11N
		1	-	-	Black	XB5-AA21N
		1	-	-	Green	XB5-AA31N
		1	-	-	Yellow	XB5-AA51N
		1	-	-	Blue	XB5-AA61N
		-	1	-	Red	XB5-AA42N
		1	-	-	Blank	XB5-AA01N*
 XB5-AL61N	Projecting	1	-	-	White	XB5-AL11N
		1	-	-	Black	XB5-AL21N
		1	-	-	Green	XB5-AL31N
		1	-	-	Yellow	XB5-AL51N
		1	-	-	Blue	XB5-AL61N
		-	1	-	Red	XB5-AL42N
		1	-	-	Black	XB5-AP21N
 XB5-AP51N	Flush with silicon transparent boot	1	-	-	Green	XB5-AP31N
		1	-	-	Yellow	XB5-AP51N
		1	-	-	Blue	XB5-AP61N
		-	1	-	Red	XB5-AP42N
		1	-	-	Green	XB5-AA3311N
		-	1	-	Red	XB5-AA4322N
		1	-	START (white)	Green	XB5-AA3331N
 XB5-AA3311N	Flush, marked (double molding/injection marking)	-	1	STOP (white)	Red	XB5-AA4342N
		1	-	ON (white)	Green	XB5-AA3411N
		-	1	OFF (white)	Red	XB5-AA4352N
		-	1	STOP (white)	Red	XB5-AL4342N
		-	1	OFF (white)	Red	XB5-AA4352N
		1	1			XB5-AL845N**
		1	1			XB5-AL845N**

* For flush and projecting push button caps, refer page no.14.
** Degree of protection : IP40
-Minimum lot size 20

Control and signalling units Ø 22

Harmony[®] style 7
Standard monolithic Pilot lights
Complete units, XB7-EV

Reference

Pilot lights (Smooth lens, except clear colour)

Supply	Description	Supply voltage(v)	Colour	Reference	
 XB7-EV08BPN	Integral Protected [®] LED	≈ 24V	White	XB7-EV01BPN	
			Green	XB7-EV03BPN	
			Red	XB7-EV04BPN	
			Yellow	XB7-EV05BPN	
			Amber	XB7-EV08BPN	
			Blue	XB7-EV06BPN	
		~ 120V	Clear	XB7-EV07BPN	
			White	XB7-EV01GPN	
			Green	XB7-EV03GPN	
			Red	XB7-EV04GPN	
			Yellow	XB7-EV05GPN	
			Amber	XB7-EV08GPN	
			Blue	XB7-EV06GPN	
		~ 230V	Clear	XB7-EV07GPN	
			White	XB7-EV01MPN	
			Green	XB7-EV03MPN	
			Red	XB7-EV04MPN	
			Yellow	XB7-EV05MPN	
			Amber	XB7-EV08MPN	
 XB7-EV66PN	BA 9's 2.4W max bulb (not included)	≤ ≈ 130V	Blue	XB7-EV06MPN	
			Clear	XB7-EV07MPN	
			White	XB7-EV61PN	
			Green	XB7-EV63PN	
			Red	XB7-EV64PN	
			Yellow	XB7-EV65PN	
		Direct	Amber	XB7-EV68PN	
			Blue	XB7-EV66PN	
			Clear	XB7-EV67PN*	
			Direct through resistor	White	XB7-EV71PN
				Green	XB7-EV73PN
				Red	XB7-EV74PN
				Yellow	XB7-EV75PN
		Amber		XB7-EV78PN	
		Blue		XB7-EV76PN	
		Clear		XB7-EV77PN*	

* Clear type pilot lights are provided with striated lens.
- Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A

Reference

Illuminated Pushbuttons (spring return)
(Smooth lens, except clear colour)

Shape of head	Description	Supply voltage	Type of contact		Colour	Reference
						
			N/O	N/C		
 Protected LED	Flush Integral LED	≈ 24V	1	-	White	XB5-AW31B1N
			1	-	Green	XB5-AW33B1N
			-	1	Red	XB5-AW34B2N
			1	-	Yellow	XB5-AW35B1N
			1	-	Amber	XB5-AW38B1N
			1	-	Blue	XB5-AW36B1N
	Projecting Integral LED	≈ 24V	1	-	Clear	XB5-AW37B1N
			1	-	White	XB5-AW11B1N
			1	-	Green	XB5-AW13B1N
			-	1	Red	XB5-AW14B2N
			1	-	Yellow	XB5-AW15B1N
			1	-	Amber	XB5-AW18B1N
	Push Push Integral LED	≈ 24V	1	-	Blue	XB5-AW16B1N
			1	-	Clear	XB5-AW17B1N
			1	-	White	XB5-AH31B1N
			1	-	Green	XB5-AH33B1N
			-	1	Red	XB5-AH34B2N
			1	-	Yellow	XB5-AH35B1N
	Flush Integral LED	~ 110V	1	-	Amber	XB5-AH38B1N
			1	-	Blue	XB5-AH36B1N
			1	-	Clear	XB5-AH37B1N
			1	-	White	XB5-AW31G1N
			1	-	Green	XB5-AW33G1N
			-	1	Red	XB5-AW34G2N
	Flush Integral LED	~ 230V	1	-	Yellow	XB5-AW35G1N
			1	-	Amber	XB5-AW38G1N
			1	-	Blue	XB5-AW36G1N
			1	-	Clear	XB5-AW37G1N
			1	-	White	XB5-AW31M1N
			1	-	Green	XB5-AW33M1N
Projecting Integral LED	~ 230V	-	1	Red	XB5-AW34M2N	
		1	-	Yellow	XB5-AW35M1N	
		1	-	Amber	XB5-AW38M1N	
		1	-	Blue	XB5-AW36M1N	
		1	-	Clear	XB5-AW37M1N	
		1	-	White	XB5-AW11M1N	
Push Push Integral LED	~ 230V	1	-	Green	XB5-AW13M1N	
		-	1	Red	XB5-AW14M2N	
		1	-	Yellow	XB5-AW15M1N	
		1	-	Amber	XB5-AW18M1N	
		1	-	Blue	XB5-AW16M1N	
		1	-	Clear	XB5-AW17M1N	
Push Push Integral LED	~ 230V	1	-	White	XB5-AH11M1N	
		1	-	Green	XB5-AH13M1N	
		-	1	Red	XB5-AH14M2N	
		1	-	Yellow	XB5-AH15M1N	
		1	-	Amber	XB5-AH18M1N	
		1	-	Blue	XB5-AH16M1N	
			1	-	Clear	XB5-AH17M1N
			1	-	White	XB5-AH11M1N
			1	-	Green	XB5-AH13M1N
			-	1	Red	XB5-AH14M2N
			1	-	Yellow	XB5-AH15M1N
			1	-	Amber	XB5-AH18M1N

* Clear type Illuminated Push buttons are provided with striated lens.
-Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A

Reference

Illuminated Pushbuttons (spring return)
(Smooth lens, except clear colour)

Shape of head	Description	Supply voltage	Type of contact		Colour	Reference
						
			N/O	N/C		
 XB5-AW3661N		≤ ≈ 130V	1	-	White	XB5-AW3161N
			1	-	Green	XB5-AW3361N
			-	1	Red	XB5-AW3462N
			1	-	Yellow	XB5-AW3561N
			1	-	Amber	XB5-AW3861N
			1	-	Blue	XB5-AW3661N
		≤ ≈ 130V	1	-	Clear	XB5-AW3761N *
			1	-	White	XB5-AW1161N
			1	-	Green	XB5-AW1361N
			-	1	Red	XB5-AW1462N
 XB5-AW1561N		≤ ≈ 130V	1	-	Yellow	XB5-AW1561N
			1	-	Amber	XB5-AW1861N
			1	-	Blue	XB5-AW1661N
			1	-	Clear	XB5-AW1761N *
		~ 230V	1	-	White	XB5-AW3171N
			1	-	Green	XB5-AW3371N
			-	1	Red	XB5-AW3472N
			1	-	Yellow	XB5-AW3571N
			1	-	Amber	XB5-AW3871N
			1	-	Blue	XB5-AW3671N
 XB5-AW3771N		~ 230V	1	-	Clear	XB5-AW3771N *
			1	-	White	XB5-AW1171N
			1	-	Green	XB5-AW1371N
			-	1	Red	XB5-AW1472N
		~ 230V	1	-	Yellow	XB5-AW1571N
			1	-	Amber	XB5-AW1871N
			1	-	Blue	XB5-AW1671N
			1	-	Clear	XB5-AW1771N *
		~ 230V	1	-	White	XB5-AW3171N
			1	-	Green	XB5-AW3371N

Double-headed pushbuttons (spring return)***

 XB5-AW84B5N	1 flush green push (marked "I")	≈ 24V	1	1		XB5-AW84B5N
	1 yellow pilot light	~ 110V	1	1		XB5-AW84G5N
	1 projecting red push (marked "O")	~ 230V	1	1		XB5-AW84M5N

* Clear type Illuminated Push buttons are provided with striated lens

** The Product will be transformer type till July 2004

***Degree of protection : IP40

-Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A

Reference

Mushroom Head Pushbuttons (Non-Illuminated)
(Emergency stops except spring return)

Shape of head	Type of Push	Type of contact		Diameter of head mushroom (mm)	Colour	Reference
		N/O	N/C			
 XB5-AR21N		1	-	40	Black	XB5-AC21N
		1	-	40	Green	XB5-AC31N
		-	1	40	Red	XB5-AC42N
		1	-	40	Yellow	XB5-AC51N
		1	-	40	Blue	XB5-AC61N
		1	-	60	Black	XB5-AR21N
		1	-	60	Green	XB5-AR31N
		-	1	60	Red	XB5-AR42N
		1	-	60	Yellow	XB5-AR51N
		1	-	60	Blue	XB5-AR61N
 XB5-AS642N		-	1	30	Black	XB5-AS422N
		-	1	30	Red	XB5-AS442N
		-	1	40	Black	XB5-AS522N
		-	1	40	Red	XB5-AS542N
		-	1	60	Black	XB5-AS622N
		-	1	60	Red	XB5-AS642N
 XB5-AS242N		-	1	40	Black	XB5-AS122N
		-	1	40	Red	XB5-AS142N
		-	1	60	Black	XB5-AS222N
		-	1	60	Red	XB5-AS242N
		1	1	40	Red	XB5-AS8445N
		1	1	40	Red	XB5-AS9445N
		1	1	40	Red	XB5-AS9445N

Mushroom Head Pushbuttons (Illuminated)
(Emergency stops) Diameter of head : 40mm

Type of Push	Type of contact		Supply Voltage	Colour	Reference
	N/O	N/C			
 XB5-AW74B2N	-	1	≈ 24V	Red	XB5-AW74B2N
	-	1	~ 230V - 240V	Red	XB5-AW74M2N

-Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A

Reference

Selector Switches (Illuminated, Standard handle)

Shape of head	Number and type of positions	Supply voltage	Type of contact		Colour	Reference
			N/O	N/C		
 XB5-AK123B1N	2 stay put 	≈ 24V	1	-	White	XB5-AK121B1N
			1	-	Green	XB5-AK123B1N
			-	1	Red	XB5-AK124B2N
			1	-	Yellow	XB5-AK125B1N
			1	-	Blue	XB5-AK126B1N
	2 spring return from right to left	≈ 24V	1	-	White	XB5-AK141B1N
			1	-	Green	XB5-AK143B1N
			-	1	Red	XB5-AK144B2N
			1	-	Yellow	XB5-AK145B1N
			1	-	Blue	XB5-AK146B1N
 XB5-AK154B5N	3 stay put	≈ 24V	2	-	White	XB5-AK131B3N
			2	-	Green	XB5-AK133B3N
			1	1	Red	XB5-AK134B5N
			2	-	Yellow	XB5-AK135B3N
			2	-	Blue	XB5-AK136B3N
	3 spring return to center	≈ 24V	2	-	White	XB5-AK151B3N
			2	-	Green	XB5-AK153B3N
			1	1	Red	XB5-AK154B5N
			2	-	Yellow	XB5-AK155B3N
			2	-	Blue	XB5-AK156B3N
 XB5-AK135M3N	2 stay put	~ 230V	1	-	White	XB5-AK121M1N
			1	-	Green	XB5-AK123M1N
			-	1	Red	XB5-AK124M2N
			1	-	Yellow	XB5-AK125M1N
			1	-	Blue	XB5-AK126M1N
	2 spring return right to left	~ 230V	1	-	White	XB5-AK141M1N
			1	-	Green	XB5-AK143M1N
			-	1	Red	XB5-AK144M2N
			1	-	Yellow	XB5-AK145M1N
			1	-	Blue	XB5-AK146M1N
 XB5-AK135M3N	3 stay put	~ 230V	2	-	White	XB5-AK131M3N
			2	-	Green	XB5-AK133M3N
			1	1	Red	XB5-AK134M5N
			2	-	Yellow	XB5-AK135M3N
			2	-	Blue	XB5-AK136M3N
	3 spring return to center	~ 230V	2	-	White	XB5-AK151M3N
			2	-	Green	XB5-AK153M3N
			1	1	Red	XB5-AK154M5N
			2	-	Yellow	XB5-AK155M3N
			2	-	Blue	XB5-AK156M3N

-Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A & accessories

Reference

Selector Switches and Key Switches (Non-Illuminated)

Shape of head	Type of operator	Type of contact		Number and type of Position (1)	Reference
		N/O	N/C		
	Standard handle Black	1	-	2 stay put	XB5-AD21N
		1	-	2 spring return from right to left	XB5-AD41N
		2	-	3 stay put	XB5-AD33N
		2	-	3 spring return to center	XB5-AD53N
		2	-	3 spring return from left to center	XB5-AD73N
		2	-	3 spring return from right to center	XB5-AD83N
	long handle black	1	-	2 stay put	XB5-AJ21N
		2	-	3 stay put	XB5-AJ33N
		2	-	3 spring return to center	XB5-AJ53N
	Key switch (n° 455)	1	-	2 stay put	XB5-AG21N
		1	-	2 stay put	XB-AG021N
		1	-	2 stay put	XB5-AG41N
		1	-	2 spring return from right to left	XB5-AG61N
		2	-	3 stay put	XB5-AG53N
		2	-	3 stay put	XB5-AG03N
		2	-	3 stay put	XB5-AG33N
		2	-	3 spring return to center	XB5-AG73N
		2	-	3 spring return from left to center	XB5-AG13N
		2	-	3 spring return from right to center	XB5-AG083N

Separate components and Accessories : For Heads

Standard (30 x 40 mm) legend holders with 8 x 27 legends

Description	Legend colour	Marking	Reference
White blank Legend (for engraving)	Black / Red background	Blank	ZBY-2101N
	White/ Yellow background	Blank	ZBY-4101N
With 8 x 27mm English language marked legend	Black or Red Background	Auto	ZBY-2315N
		Close	ZBY-2314N
		Down	ZBY-2308N
		Fast	ZBY-2328N
		Forward	ZBY-2305N
		Hand	ZBY-2316N
		Inch	ZBY-2321N
		Left	ZBY-2310N
		Off	ZBY-2312N
		On	ZBY-2326N
		Open	ZBY-2313N
		Reset	ZBY-2323N
		Reverse	ZBY-2306N
		Right	ZBY-2309N
		Slow	ZBY-2327N
		Start	ZBY-2303N
		Up	ZBY-2307N
Legends for Emergency stop	Emergency stop on	dia 60 mm	ZBY-9330N
Mushroom head push buttons	yellow background	dia 90 mm	ZBY-8330N

(1) NOTE : The symbol  indicates key withdrawal position (s).
-Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Sub Assemblies, ZB5-A and accessories

Reference

Pushbutton caps (unmarked)

For use with ZB5-AA0 circular pushbutton heads supplied without cap (given on page 7)

Type of pushbutton caps	Colour	Reference
	White	ZBA-1N
	Black	ZBA-2N
	Green	ZBA-3N
	Red	ZBA-4N
	Yellow	ZBA-5N
	Blue	ZBA-6N
	*Set of 6 colours	ZBA-9N
	White	ZBL-1N
	Black	ZBL-2N
	Green	ZBL-3N
	Red	ZBL-4N
	Yellow	ZBL-5N
	Blue	ZBL-6N
	*Set of 6 colours	ZBL-9N

Pushbutton caps (marked)

For use with ZB5-AA0 circular pushbutton heads supplied without cap (given on page 7)

Type of pushbutton caps	Colour	Color of caps	Reference
	Text	Color	
	Projecting	STOP White	Red ZBL-434N
	Flush	White	Green ZBA-331N
(Double injection moulded marking)	START	White	Green ZBA-333N
	ON	White	Green ZBA-341N**
	STOP	White	Red ZBA-434N
	UP	Black	White ZBA-343N
	DOWN	White	Black ZBA-344N
	OFF	White	Red ZBA-434N

Accessories

Description	Application	Reference
Plastic blanking plug, round black	For Ø 22 control and signalling units with circular head	ZB5-SZ3N***
Anti rotation plate	Prevents head from rotation	ZB5-AZ902N
Bezel tool	Tightening head fixing nut	ZB5-AZ905N
Fixing Collar	To fix contacts or lights	ZB5-AZ009N

* Set of 6 colours : white + black + green + red + yellow + blue
** excluding ZBA-3412N of double injection moulded marking
*** supplied complete with fixing nut.
-Minimum lot size 20

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Separate Components, Accessories and replacement parts

Reference

Contact blocks with screw clamp terminal connections

Description	Type of contact		Reference
	N/O	N/C	
Standard Single	1	-	ZBE-101N
Contact blocks	-	1	ZBE-102N

Light blocks with screw clamp terminal connections

Description	Supply voltage	Colour of light source	Reference
Integral Protected LED	≈ 24V	White	ZBV-B1SN
		Green	ZBV-B3SN
		Red	ZBV-B4SN
		Yellow	ZBV-B5SN
		Amber	ZBV-B8SN
		Blue	ZBV-B6SN
	~ 110V	White	ZBV-G1SN
		Green	ZBV-G3SN
		Red	ZBV-G4SN
		Yellow	ZBV-G4SN
		Amber	ZBV-G8SN
		Blue	ZBV-G6SN
	~ 220V	White	ZBV-M1SN
		Green	ZBV-M3SN
		Red	ZBV-M4SN
		Yellow	ZBV-M5SN
		Amber	ZBV-M8SN
		Blue	ZBV-M6SN
Direct bulb holder without resistance	≤ ≈ 130V	-	ZBV-6N

BA 9s bulbs

Description	Rating	Reference
Incandescent	24V - 2W	DL1-CE024N
bulbs	130V - 2.4 W	DL1-CE130N

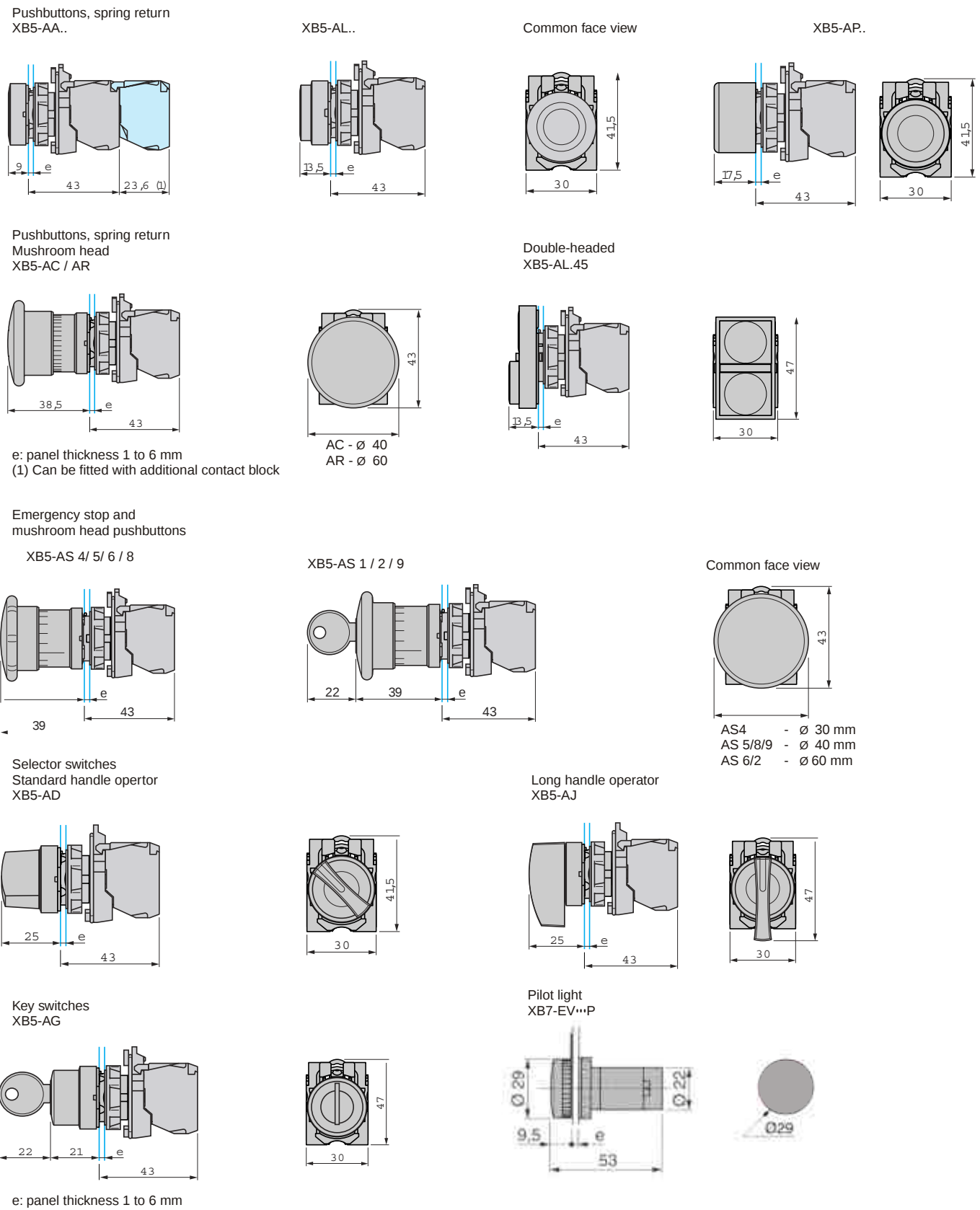
Clear Silicon boots

Description	Reference
Boot for cylindrical flush PB	ZBP-AN
Boot for cylindrical projecting PB	ZBP-ON
Boot for double head illuminated PB and non illuminated PB	ZBW-008N
-Minimum lot size 20	

Control and signalling units Ø 22

Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A, XB7-EV...

Dimensions

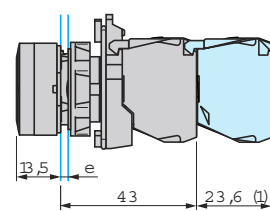


Control and signalling units Ø 22

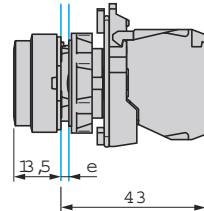
Harmony® style 5
Pushbuttons and switches with double insulated bezel
Complete units, XB5-A

Dimension

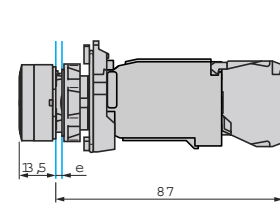
Illuminated pushbuttons
Integral LED
XB5-AW3.5



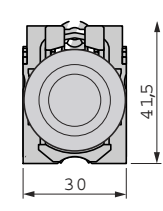
Direct supply
XB5-AW3.65



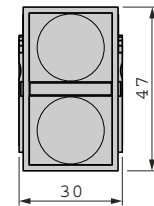
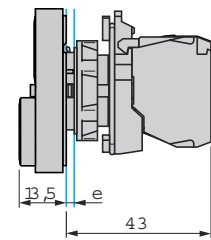
Via Integral transformer
XB5-AW3.5



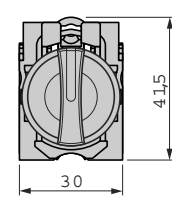
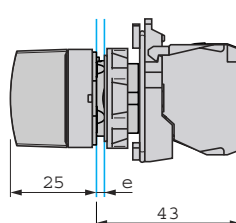
Common face view



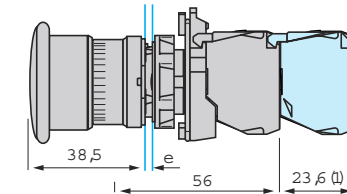
Double-headed illuminated pushbuttons
with pilot light integral LED
XB5-AW84.5



Illuminated selector switches
XB5-AK



Illuminated Mush heads
XB5-AW74.2N



e: panel thickness 1 to 6 mm
(1) Can be fitted with additional contact block.

(Support panel cut-out suitable for mounting all types of pushbuttons and pilot lights)

