

Harmony[®] Ø 22

Control and Signalling units



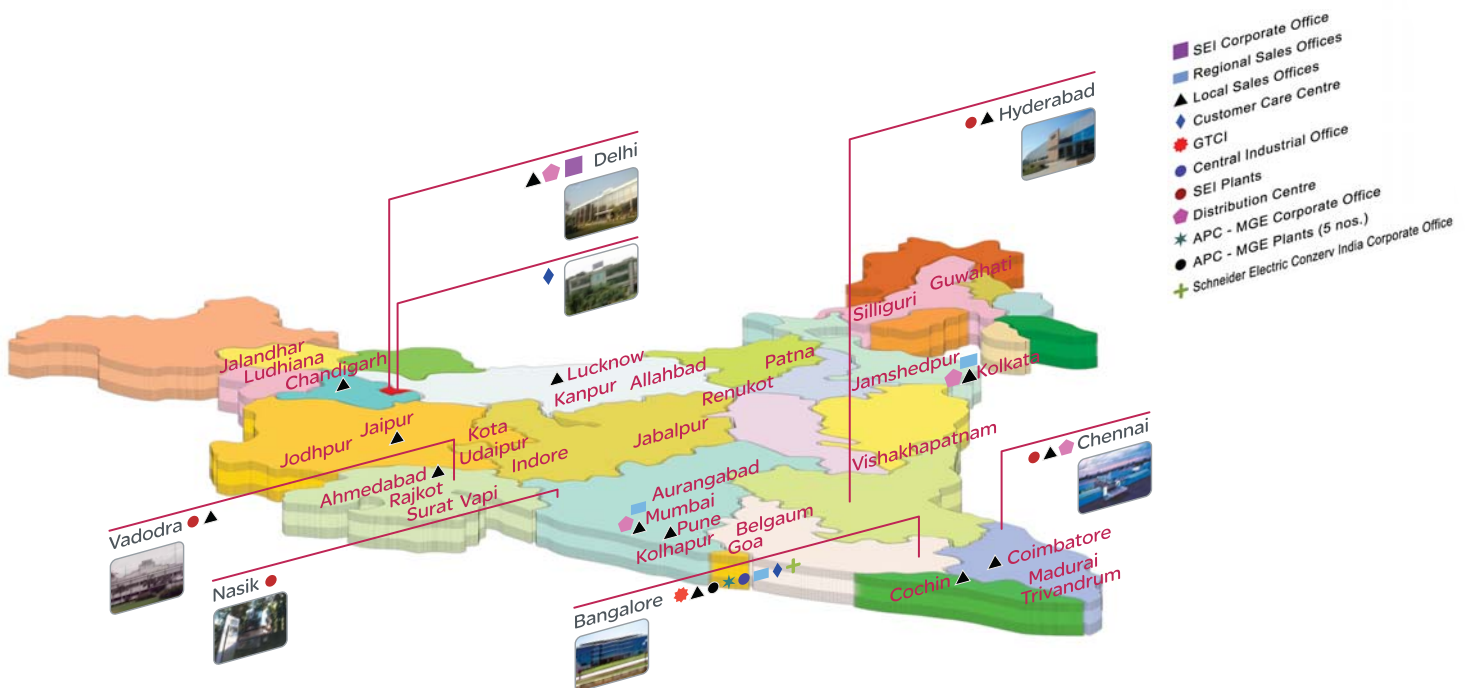
Schneider Electric India

As a global specialist in energy management with operations in more than 100 countries, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in energy and infrastructure, industrial processes, building automation, and data centres/networks, as well as a broad presence in residential applications. Focused on making energy safe, reliable, and efficient, the company's 114,000 employees achieved sales of more than 18.3 billion euros in 2008, through an active commitment to help individuals and organisations

“make the most of their energy™”.

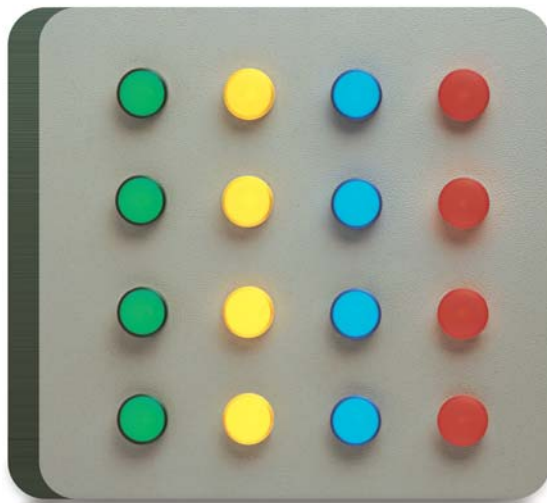
Schneider Electric’s comprehensive solutions combine hardware, software, communication & services. As specialists in the management of electricity and automation, we are committed to converting electricity into smart energy that powers the way we work, live and play. Developing technologies, processes and solutions that are so simple, efficient and environment friendly that you forget they’re even there. We are making tomorrow’s world a better place to be in by providing safe, reliable, productive, efficient and green power.

- Global Specialist in Energy Management
- Presence in **100 + countries**
- Specialised workforce of **1,14,000 employees**
- Consolidated revenue worth **Euro 18.3 billion**
- **25 Research and development centres**
- Investment of **5.5% of total sales in R&D**



Brightness Revisited

The range of pushbuttons and pilot lights from **Schneider Electric** heralds a different beginning towards a new electric world. The most beautiful amongst its species, the **Schneider Electric** range of pushbuttons, switches & pilot lights are highly desired by those who value quality. Its undisputed technological supremacy, along with true colours, makes them the brightest among its progenitors.



Its undisputed technological supremacy, along with true colours, 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 & 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	Changing N/C state : 1.5
		mm	Changing N/O state : 2.6
		mm	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	Screw clamp terminals
		mm ²	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	a.c. supply for 1 million operating cycles, utilisation category AC-15	V	24
		A	4
Operating rate 3600 operating cycles/hour. Load factor : 0.5	d.c. supply for 1 million operating cycles, utilisation category DC-13	V	24
		A	0.5



Control and signalling units Ø 22

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

Characteristics

Characteristics of XB7 LED Pilot lights and other LED functions			
Voltage limits	Nominal voltage	V	\approx 24V : ac : +/-10% : dc : 20 to 30 V \sim 120 V (50 / 60 Hz) : 100 to 140 V \sim 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	Screw clamp terminals
		mm ²	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
 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
 XB5-AP51N		Flush with silicon transparent boot	1	-	-	Black	XB5-AP21N
			1	-	-	Green	XB5-AP31N
			1	-	-	Yellow	XB5-AP51N
			1	-	-	Blue	XB5-AP61N
			-	1	-	Red	XB5-AP42N
			 XB5-AA3311N		Flush, marked (double molding/injection marking)	1	-
-	1	"O" (white)				Red	XB5-AA4322N
1	-	START (white)				Green	XB5-AA3331N
-	1	STOP (white)				Red	XB5-AA4342N
1	-	ON (white)				Green	XB5-AA3411N
-	1	OFF (white)				Red	XB5-AA4352N
 XB5-AL4352N		Projecting, marked (Double molding / injection marking)				-	1
			-	1	OFF (white)	Red	XB5-AA4352N
 XB5-AL845N		1 flush green push (marked "I")	1	1			XB5-AL845N**
		1 projecting red push (market "O")					

* 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
 <p>XB7-EV08BPN</p>	Direct	Integral	~ 24V	White	XB7-EV01BPN
				Green	XB7-EV03BPN
				Red	XB7-EV04BPN
				Yellow	XB7-EV05BPN
				Amber	XB7-EV08BPN
				Blue	XB7-EV06BPN
				Clear	XB7-EV07BPN*
			~ 120V	White	XB7-EV01GPN
				Green	XB7-EV03GPN
				Red	XB7-EV04GPN
				Yellow	XB7-EV05GPN
				Amber	XB7-EV08GPN
				Blue	XB7-EV06GPN
				Clear	XB7-EV07GPN*
	~ 230V	White	XB7-EV01MPN		
		Green	XB7-EV03MPN		
		Red	XB7-EV04MPN		
		Yellow	XB7-EV05MPN		
Amber		XB7-EV08MPN			
Blue		XB7-EV06MPN			
Clear		XB7-EV07MPN*			
 <p>XB7-EV66PN</p>	Direct	BA 9's 2.4W max bulb (not included)	≤ ~ 130V	White	XB7-EV61PN
				Green	XB7-EV63PN
				Red	XB7-EV64PN
				Yellow	XB7-EV65PN
				Amber	XB7-EV68PN
				Blue	XB7-EV66PN
				Clear	XB7-EV67PN*
	Direct through resistor	BA 9's 2.4W bulb (Included)	~ 230V	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		
 XB5-AW33B1N	 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
				1	-	Clear	XB5-AW37B1N*
 XB5-AW15B1N		Projecting Integral LED	≈ 24V	1	-	White	XB5-AW11B1N
				1	-	Green	XB5-AW13B1N
				-	1	Red	XB5-AW14B2N
				1	-	Yellow	XB5-AW15B1N
				1	-	Amber	XB5-AW18B1N
				1	-	Blue	XB5-AW16B1N
				1	-	Clear	XB5-AW17B1N*
 XB5-AH36B1N		Push Push Integral LED	≈ 24V	1	-	White	XB5-AH31B1N
				1	-	Green	XB5-AH33B1N
				-	1	Red	XB5-AH34B2N
				1	-	Yellow	XB5-AH35B1N
				1	-	Amber	XB5-AH38B1N
				1	-	Blue	XB5-AH36B1N
				1	-	Clear	XB5-AH37B1N*
 XB5-AW38G1N		Flush Integral LED	~ 110V	1	-	White	XB5-AW31G1N
				1	-	Green	XB5-AW33G1N
				-	1	Red	XB5-AW34G2N
				1	-	Yellow	XB5-AW35G1N
				1	-	Amber	XB5-AW38G1N
				1	-	Blue	XB5-AW36G1N
				1	-	Clear	XB5-AW37G1N
 XB5-AW31M1N		Flush Integral LED	~230V	1	-	White	XB5-AW31M1N
				1	-	Green	XB5-AW33M1N
				-	1	Red	XB5-AW34M2N
				1	-	Yellow	XB5-AW35M1N
				1	-	Amber	XB5-AW38M1N
				1	-	Blue	XB5-AW36M1N
				1	-	Clear	XB5-AW37M1N*
 XB5-AW15M1N		Projecting Integral LED	~230V	1	-	White	XB5-AW11M1N
				1	-	Green	XB5-AW13M1N
				-	1	Red	XB5-AW14M2N
				1	-	Yellow	XB5-AW15M1N
				1	-	Amber	XB5-AW18M1N
				1	-	Blue	XB5-AW16M1N
				1	-	Clear	XB5-AW17M1N*
 XB5-AH14M2N		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*

* 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		Flush Direct Supply for BA 9's 2.4W max bulb, (not included)	$\leq \approx 130V$	1	-	White	XB5-AW3161N
				1	-	Green	XB5-AW3361N
				-	1	Red	XB5-AW3462N
				1	-	Yellow	XB5-AW3561N
				1	-	Amber	XB5-AW3861N
				1	-	Blue	XB5-AW3661N
				1	-	Clear	XB5-AW3761N*
 XB5-AW1561N		Projecting, Direct supply for BA 9's 2.4W max bulb (not included)	$\leq \approx 130V$	1	-	White	XB5-AW1161N
				1	-	Green	XB5-AW1361N
				-	1	Red	XB5-AW1462N
				1	-	Yellow	XB5-AW1561N
				1	-	Amber	XB5-AW1861N
				1	-	Blue	XB5-AW1661N
				1	-	Clear	XB5-AW1761N*
		Flush** Direct through resistance for BA 9'S 2.4W Max bulb (included)	$\sim 230V$	1	-	White	XB5-AW3171N
				1	-	Green	XB5-AW3371N
				-	1	Red	XB5-AW3472N
				1	-	Yellow	XB5-AW3571N
				1	-	Amber	XB5-AW3871N
				1	-	Blue	XB5-AW3671N
				1	-	Clear	XB5-AW3771N*
		Projecting** Direct through resistance for BA 9'S 2.4W Max bulb (included)	$\sim 230V$	1	-	White	XB5-AW1171N
				1	-	Green	XB5-AW1371N
				-	1	Red	XB5-AW1472N
				1	-	Yellow	XB5-AW1571N
				1	-	Amber	XB5-AW1871N
				1	-	Blue	XB5-AW1671N
				1	-	Clear	XB5-AW1771N*

Double-headed pushbuttons (spring return)***

 XB5-AW84B5N	 	1 flush green push (marked "I")	$\approx 24V$	1	1		XB5-AW84B5N
		1 yellow pilot light	$\sim 110V$	1	1		XB5-AW84G5N
		1 projecting red push (Marked "O")	$\sim 230V$	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		Spring return	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
 XB5-AS642N		Turn to release	-	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		Key release (n°455) (2 keys included with head)	-	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

Mushroom Head Pushbuttons (Illuminated)

(Emergency stops) except spring return

	Type of Push	Type of contact		Supply Voltage	Colour	Reference	
		N/O	N/C				
 XB5-AW74B2N		turn to release	-	1	≈ 24V	Red	XB5-AW74B2N
		turn to release	-	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	
				1	-	White	XB5-AK141B1N	
		2 spring return from right to left	~ 24V	▽	1	-	Green	XB5-AK143B1N
					-	1	Red	XB5-AK144B2N
					1	-	Yellow	XB5-AK145B1N
					1	-	Blue	XB5-AK146B1N
					2	-	White	XB5-AK131B3N
					2	-	Green	XB5-AK133B3N
3 stay put	~ 24V	▽	1	1	Red	XB5-AK134B5N		
			2	-	Yellow	XB5-AK135B3N		
			2	-	Blue	XB5-AK136B3N		
			2	-	White	XB5-AK151B3N		
			2	-	Green	XB5-AK153B3N		
			1	1	Red	XB5-AK154B5N		
3 spring return to center	~ 24V	▽	2	-	Yellow	XB5-AK155B3N		
			2	-	Blue	XB5-AK156B3N		
			1	1	Red	XB5-AK121M1N		
			1	-	Green	XB5-AK123M1N		
			-	1	Red	XB5-AK124M2N		
			1	-	Yellow	XB5-AK125M1N		
2 stay put	~ 230V	▽	1	-	Blue	XB5-AK126M1N		
			1	-	White	XB5-AK141M1N		
			1	-	Green	XB5-AK143M1N		
			-	1	Red	XB5-AK144M2N		
			1	-	Yellow	XB5-AK145M1N		
			1	-	Blue	XB5-AK146M1N		
2 spring return right to left	~ 230V	▽	2	-	White	XB5-AK131M3N		
			2	-	Green	XB5-AK133M3N		
			1	1	Red	XB5-AK134M5N		
			2	-	Yellow	XB5-AK135M3N		
			2	-	Blue	XB5-AK136M3N		
			2	-	White	XB5-AK151M3N		
3 stay put	~ 230V	▽	2	-	Green	XB5-AK153M3N		
			1	1	Red	XB5-AK154M5N		
			2	-	Yellow	XB5-AK155M3N		
			2	-	Blue	XB5-AK156M3N		
			2	-	White	XB5-AK121M1N		
			2	-	Green	XB5-AK123M1N		
3 spring return to center	~ 230V	▽	1	1	Red	XB5-AK124M2N		
			2	-	Yellow	XB5-AK125M1N		
			2	-	Blue	XB5-AK126M1N		
			2	-	White	XB5-AK141M1N		
			2	-	Green	XB5-AK143M1N		
			2	-	Yellow	XB5-AK144M2N		

- 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			
 XB5-AD..N		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
 XB5-AJ..N		long handle black	1	-	2 stay put	✓	XB5-AJ21N
			2	-	3 stay put	▽	XB5-AJ33N
			2	-	3 spring return to center	▽	XB5-AJ53N
 XB5-AG53N		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	
 ZBY-2101N	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	Auto	ZBY-2315N
			Close	Close	ZBY-2314N
			Down	Down	ZBY-2308N
			Fast	Fast	ZBY-2328N
			Forward	Forward	ZBY-2305N
			Hand	Hand	ZBY-2316N
			Inch	Inch	ZBY-2321N
			Left	Left	ZBY-2310N
			Off	Off	ZBY-2312N
			On	On	ZBY-2326N
			Open	Open	ZBY-2313N
			Reset	Reset	ZBY-2323N
			Reverse	Reverse	ZBY-2306N
			Right	Right	ZBY-2309N
			Slow	Slow	ZBY-2327N
Start	Start	ZBY-2303N			
Up	Up	ZBY-2307N			
 ZBY-9330	Legends for Emergency stop Mushroom head push buttons	Emergency stop on yellow background	dia 60 mm	ZBY-9330N	
			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	
		Text	Color		
 <p>ZBA-3N</p>  <p>ZBL-4N</p>	Flush		White	ZBA-1N	
			Black	ZBA-2N	
			Green	ZBA-3N	
			Red	ZBA-4N	
			Yellow	ZBA-5N	
			Blue	ZBA-6N	
		Projecting	*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			
 <p>ZBA-333N</p>	Projecting	STOP	White	Red	ZBL-434N	
	Flush (Double injection moulded marking)			White	Green	ZBA-331N
		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
 <p>ZB5-SZ3N</p>	Plastic blanking plug, round black	For Ø 22 control and signalling units with circular head	ZB5-SZ3N
 <p>ZB5-AZ905N</p>			
 <p>ZB5-AZ902N</p>	Anti rotation plate	Prevents head from rotation	ZB5-AZ902N
 <p>ZB5-AZ009N</p>	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

Image ZBE-101N	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

Image ZBV-..SN	Description	Supply voltage	Colour of light source	Reference
	Integral	≈ 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

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

Clear Silicon boots

Image ZBP-AN	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

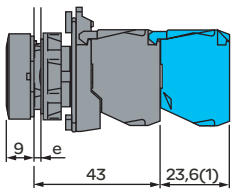
Harmony® style 5

Pushbuttons and switches with double insulated bezel

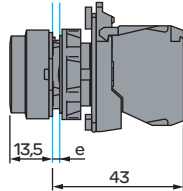
Complete units, XB5-A, XB7-EV...

Dimensions

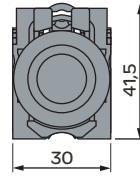
Pushbuttons, spring return
XB5-AA..



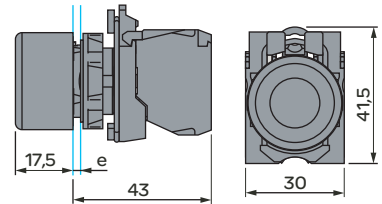
XB5-AL..



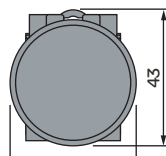
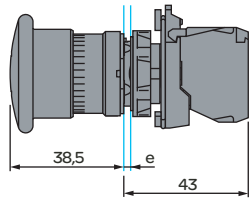
Common face view



XB5-AP..

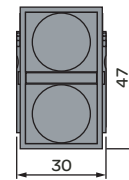
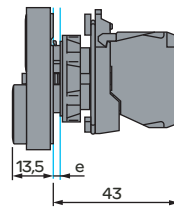


Pushbuttons, spring return
Mushroom head
XB5-AC / AR



AC - Ø 40
AR - Ø 60

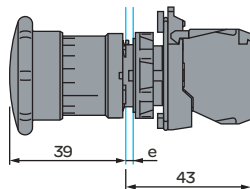
Double-headed
XB5-AL.45



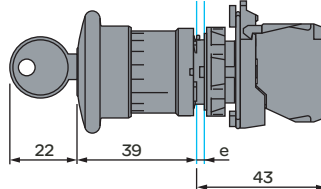
e: panel thickness 1 to 6 mm
(1) Can be fitted with additional contact block

Emergency stop and
mushroom head pushbuttons

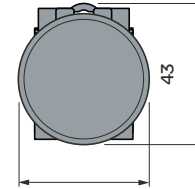
XB5-AS 4/5/6/8



XB5-AS1/2/9

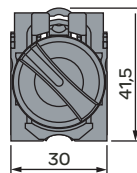
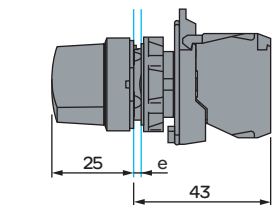


Common face view

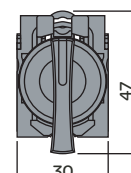
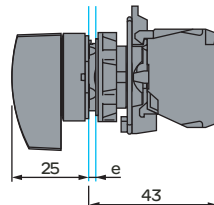


AS4 - Ø 30 mm
AS5/8/9 - Ø 40 mm
AS6/2 - Ø 60 mm

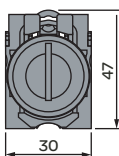
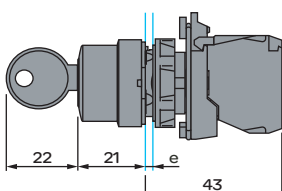
Selector switches
Standard handle operator
XB5-AD



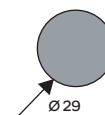
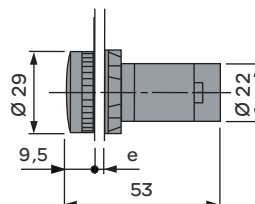
Long handle operator
XB5-AJ



Key switches
XB5-AG



Pilot light
XB7-EV...P



e: panel thickness 1 to 6 mm

Control and signalling units $\varnothing 22$

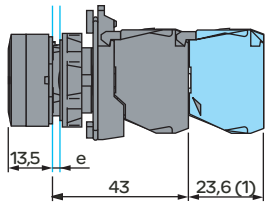
Harmony® style 5

Pushbuttons and switches with double insulated bezel

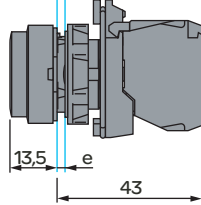
Complete units, XB5-A

Dimensions

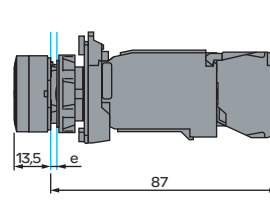
Illuminated pushbuttons
Integral LED
XB5-AW3.5



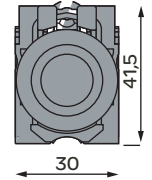
Direct supply
XB5-AW3.65



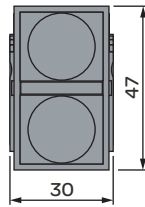
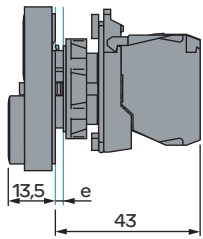
Via Integral transformer
XB5-AW3.5



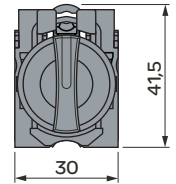
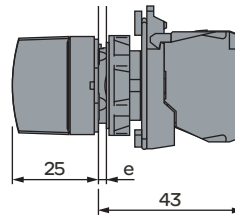
Common face view



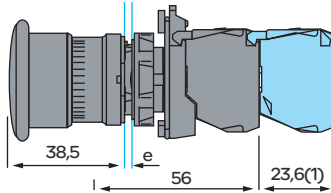
Double-headed illuminated pushbuttons
with pilot light integral LED
XB5-AW84.5



Illuminated selector switches
XB5-AK

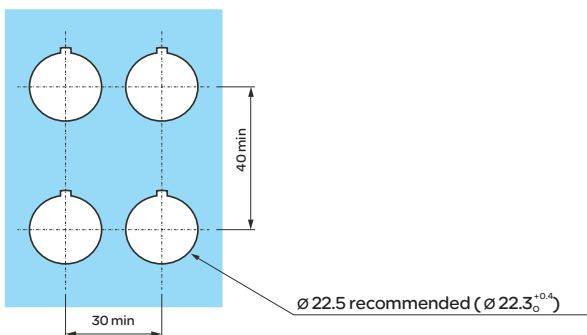


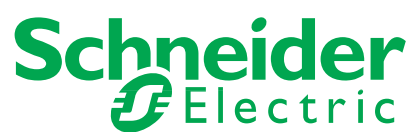
Illuminated Mush heads
XB5-AW74.2N



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)





For more information visit our website at: www.schneider-electric.co.in
Schneider Electric India Pvt. Ltd. (A 100% subsidiary of Schneider Electric Industries SAS)
Corporate office : A-29, Mohan Co-operative Industrial Estate, New Delhi-110044.
Tel: 011-39404000. Fax: 41678010/11
Customer Care Centre: Toll Free: **1800 111 341** (BSNL/MTNL), **1800 103 0011** (Airtel)
Phone: **+91 11 4168 2434/35**, email: in-care@in.schneider-electric.com,
website: www.schneider-electric.co.in