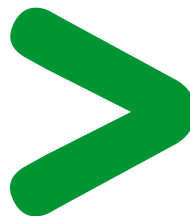


Your Harmony control guide

06-2014



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Schneider
Electric

Metal pushbuttons Ø22 Harmony XB4

Choose : **1** > **2** > **3** > **4** > Reference

Body

Colour

Contact

Connection

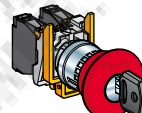
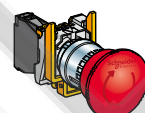
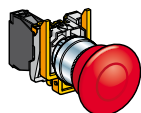


Flush mounting pushbuttons unmarked						
Colour	 White	 Black	 Green	 Red	 Yellow	 Blue
Contact	NO			NC	NO	
Connection	Screw clamp terminals					
Complete product	XB4BA11	XB4BA21	XB4BA31	XB4BA42	XB4BA51	XB4BA61
Body	ZB4BZ101		ZB4BZ102		ZB4BZ101	
Head	ZB4BA1	ZB4BA2	ZB4BA3	ZB4BA4	ZB4BA5	ZB4BA6

Booted flush mounting pushbuttons unmarked						
Complete product	XB4BP11	XB4BP21	XB4BP31	XB4BP42	XB4BP51	XB4BP61
Body	ZB4BZ101		ZB4BZ102		ZB4BZ101	
Head	ZB4BP1	ZB4BP2	ZB4BP3	ZB4BP4	ZB4BP5	ZB4BP6

Flush mounting pushbuttons marked						
Colour	▲ White	▼ Black	● Green	● Red	● Green	● Red
Mark	Black arrow up	White arrow down	"I" white	"O" white	"Start" white	"Stop" white
Contact	NO			NC	NO	NC
Connection	Screw clamp terminals					
Complete product	XB4BA3341	XB4BA3351	XB4BA3311	XB4BL4322 (1)	-	-
Body	ZB4BZ101		ZB4BZ102		ZB4BZ101	ZB4BZ102
Head	ZB4BA334	ZB4BA335	ZB4BA331	ZB4BZ432	ZB4BA333	ZB4BA434

(1) With projecting push



Emergency stop trigger action, Ø40 mushroom head pushbuttons			
Colour	Red		
Contact	NO + NC Push-pull	NO + NC Turn to release	NO + NC Key release (N°455)
Connection	Screw clamp terminals		
Complete product	XB4BT845	XB4BS8445	XB4BS9445
Body	ZB4BZ105		
Head	ZB4BT84	ZB4BS844	ZB4BS944

Ø40 mushroom head pushbuttons, spring return			
Colour	Black	Green	Blue
Contact	NO Push pull		
Connection	Screw clamp terminals		
Complete product	XB4BC21	-	-
Body	ZB4BZ101		
Head	ZB4BC2	ZB4BC3	ZB4BC6

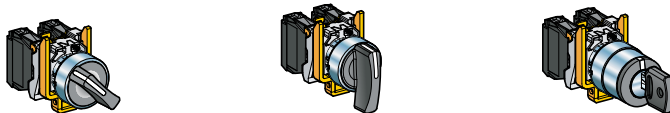


Pilot lights with integral LED						
Colour	 White	 Green	 Red	 Orange	 Blue	
Power supply	24 V AC/DC or 110...120 V AC or 230...240 V AC					
Connection	Screw clamp terminals					
Complete product	24 V AC/DC	XB4BVB1	XB4BVB3	XB4BVB4	XB4BVB5	XB4BVB6
	110...120 V AC	XB4BVG1	XB4BVG3	XB4BVG4	XB4BVG5	XB4BVG6
	230...240 V AC	XB4BVM1	XB4BVM3	XB4BVM4	XB4BVM5	XB4BVM6



Flush mounting illuminated pushbuttons with integral LED						
Colour		 White	 Green	 Red	 Orange	 Blue
Contact	NO + NC					
Connection	Screw clamp terminals					
Complete product	24 V AC/DC	XB4BW31B5	XB4BW33B5	XB4BW34B5	XB4BW35B5	XB4BW36B5
	110...120 V AC	XB4BW31G5	XB4BW33G5	XB4BW34G5	XB4BW35G5	XB4BW36G5
	230...240 V AC	XB4BW31M5	XB4BW33M5	XB4BW34M5	XB4BW35M5	XB4BW36M5

Metal pushbuttons Ø22 Harmony XB4



Selector switches

Positions		2		2		3		
		Stay put	Spring return	Stay put		Stay put		Spring return
Contact	NO			NO + NC		2 NO		
Connection	Screw clamp terminals							
Complete product	Black handle	XB4BD21	XB4BD41	XB4BD25		XB4BD33		XB4BD53
	Black long handle	XB4BJ21	-	-		XB4BJ33		XB4BJ53
	Key switch (455)	XB4BG21	XB4BG61	-		XB4BG33		-



Illuminated Selector switches with integral LED and colour handle

Positions stay put	2	▼			3	▼	
Colour	Green	Red	Orange	Green	Red	Orange	
Contact	NO + NC						
Connection	Screw clamp terminals						
Complete product	24 V AC/DC	XB4BK123B5	XB4BK124B5	XB4BK125B5	XB4BK133B5	XB4BK134B5	XB4BK135B5
	110...120 V AC	XB4BK123G5	XB4BK124G5	XB4BK125G5	XB4BK133G5	XB4BK134G5	XB4BK135G5
	230...240 V AC	XB4BK123M5	XB4BK124M5	XB4BK125M5	XB4BK133M5	XB4BK134M5	XB4BK135M5



Double and triple-headed pushbuttons

Double and triple headed pushbuttons	1 projecting	2 flush	1 projecting	2 flush	2 flush + 1 red central projecting	
Contact	NO + NC		NO + NC with 24 VDC pilot light		2 NO + NC	
Connection	Screw clamp terminals					
Complete product	XB4BL73415	-	XB4BW73731B5 (2)	-	XB4BA731327	-
Body	ZB4BZ105		ZB4BZ105 + ZBVB1		ZB4BZ103 + ZBE102	
Head	ZB4BL7341	ZB4BA7121	ZB4BW7L3741	ZB4BW7A1721	ZB4BA73132	ZB4BA71124

(2) 24VDC pilot light

Accessories for Harmony XB4/XB5



Contact blocks	Electrical blocks				Body fixing collar for XB4 only
Contact	NO	NC	NO	NC	-
Connection	Screw clamp terminals		Spring clamp terminals		-
Sold by	5	5	4	4	10
Reference	ZBE101	ZBE102	ZBE1015	ZBE1025	ZB4BZ009



Light blocks with integral LED

Light blocks with integral LED						
Colour	 White	 Green	 Red	 Orange	 Blue	
Power supply	24 V AC/DC or 110...120 V AC or 230...240 V AC					
Connection	Screw clamp terminals					
Reference	24 V AC/DC	ZBVB1	ZBVB3	ZBVB4	ZBVB5	ZBVB6
	110...120 V AC	ZBVG1	ZBVG3	ZBVG4	ZBVG5	ZBVG6
	230...240 V AC	ZBVM1	ZBVM3	ZBVM4	ZBVM5	ZBVM6



Legend holders 30x40 mm for 8x27 mm legend

White marking/Red or black background						Black marking/Yellow background		
O	ZBY2931	I	ZBY2147	AUTO	ZBY2115	ARRET D'URGENCE	ZBY9130	ZBY9120
OFF	ZBY2312	ON	ZBY2311	START	ZBY2303	EMERGENCY STOP	ZBY9330	ZBY9320
ARRET	ZBY2104	ARRET-MARCHE	ZBY2166	MARCHE	ZBY2103	NOT-HALT	ZBY9230	ZBY9220
AUS	ZBY2204	AUS-EIN	ZBY2266	EIN	ZBY2203	PARADA DE EMERGENCIA	ZBY9430	ZBY9420
PARADA	ZBY2404	PARADA-MARCHA	ZBY2466	MARCHA	ZBY2403	ARRESTO DI EMERGENZA	ZBY9630	ZBY9620
Without marking/Red or black background						Without marking/Yellow background		
	ZBY2101		ZBY2101				ZBY9140	ZBY9121

Plastic pushbuttons Ø22 Harmony XB5

Choose : **1** > **2** > **3** > **4** > Reference

Body

Colour

Contact

Connection



Flush mounting pushbuttons unmarked						
Colour	 White	 Black	 Green	 Red	 Yellow	 Blue
Contact	NO			NC	NO	
Connection	Screw clamp terminals					
Complete product	XB5AA11	XB5AA21	XB5AA31	XB5AA42	XB5AA51	XB5AA61
Body	ZB5AZ101			ZB5AZ102	ZB5AZ101	
Head	ZB5AA1	ZB5AA2	ZB5AA3	ZB5AA4	ZB5AA5	ZB5AA6

Booted flush mounting pushbuttons unmarked						
Complete product	-	XB5AP21	XB5AP31	XB5AP42	XB5AP51	XB5AP61
Body	-	ZB5AZ101		ZB5AZ102	ZB5AZ101	
Head	-	ZB5AP2	ZB5AP3	ZB5AP4	ZB5AP5	ZB5AP6

Flush mounting pushbuttons marked						
Colour	● White	● Black	● Green	● Red	● Green	● Red
Mark	Black arrow up	White arrow down	"I" white	"O" white	"Start" white	"Stop" white
Contact	NO			NC	NO	NC
Connection	Screw clamp terminals					
Complete product	XB5AA3341	XB5AA3351	XB5AA3311	XB5AL4322 (1)	-	-
Body	ZB5AZ101		ZB5AZ102		ZB5AZ101	ZB5AZ102
Head	ZB5AA334	ZB5AA335	ZB5AA331	ZB5AL432 (1)	ZB5AA333	ZB5AA434

(1) With projecting push



Emergency stop trigger action, Ø40 mushroom head pushbuttons			
Colour	Red		
Contact	NO + NC Push-pull	NO + NC Turn to release	NO + NC Key release (N°455)
Connection	Screw clamp terminals		
Complete product	XB5AT845	XB5AS8445	XB5AS9445
Body	ZB5AZ105		
Head	ZB5AT84	ZB5AS844	ZB5AS944

Ø40 mushroom head pushbuttons (spring return)			
Colour	Black	Green	Blue
Contact	NO Push pull		
Connection	Screw clamp terminals		
Complete product	XB5AC21	-	-
Body	ZB5AZ101		
Head	ZB5AC2	ZB45AC3	ZB5AC6



Pilot lights with integral LED							
Colour	White	Green	Red	Orange	Blue	Yellow	
Power supply	24 V AC/DC or 110...120 V AC or 230...240 V AC						
Connection	Screw clamp terminals						
Complete product	24 V AC/DC	XB5AVB1	XB5AVB3	XB5AVB4	XB5AVB5	XB5AVB6	-
	110...120 V AC	XB5AVG1	XB5AVG3	XB5AVG4	XB5AVG5	XB5AVG6	-
	230...240 V AC	XB5AVM1	XB5AVM3	XB5AVM4	XB5AVM5	XB5AVM6	-
Monolithic product	24 V AC/DC	XB5EVB1	XB5EVB3	XB5EVB4	XB5EVB5	XB5EVB6	XB5EVB8
	110...120 V AC	XB5EVG1	XB5EVG3	XB5EVG4	XB5EVG5	XB5EVG6	XB5EVG8
	230...240 V AC	XB5EVM1	XB5EVM3	XB5EVM4	XB5EVM5	XB5EVM6	XB5EVM8



Flush mounting illuminated pushbuttons with integral LED						
Colour	White	Green	Red	Orange	Blue	
Contact	NO + NC					
Connection	Screw clamp terminals					
Complete product	24 V AC/DC	XB5AW31B5	XB5AW33B5	XB5AW34B5	XB5AW35B5	XB5AW36B5
	110...120 V AC	XB5AW31G5	XB5AW33G5	XB5AW34G5	XB5AW35G5	XB5AW36G5
	230...240 V AC	XB5AW31M5	XB5AW33M5	XB5AW34M5	XB5AW35M5	XB5AW36M5

Plastic pushbuttons Ø22 Harmony XB5



Selector switches											
Positions		2			2		3				
		Stay put		Spring return		Stay put		Stay put		Spring return	
Contact		NO			NO + NC		2 NO				
Connection		Screw clamp terminals									
Complete product	Black handle	XB5AD21	XB5AD41	XB5AD25	XB5AD33	XB5AD53					
	Black long handle	XB5AJ21	-	-	XB5AJ33	XB5AJ53					
	Key switch (455)	XB5AG21	XB5AG61	-	XB5AG33	-					



Illuminated Selector switches with integral LED and colour handle						
Positions stay put	2	▽		3	▽	
Colour	● Green	● Red	● Orange	● Green	● Red	● Orange
Contact	NO + NC					
Connection	Screw clamp terminals					
Complete product	24 V AC/DC	XB5AK123B5	XB5AK124B5	XB5AK125B5	XB5AK133B5	XB5AK134B5
	110...120 V AC	XB5AK123G5	XB5AK124G5	XB5AK125G5	XB5AK133G5	XB5AK134G5
	230...240 V AC	XB5AK123M5	XB5AK124M5	XB5AK125M5	XB5AK133M5	XB5AK134M5



Double and triple-headed pushbuttons	1 flush 1 projecting	2 flush	1 flush 1 projecting	2 flush	2 flush + 1 red central projecting
Contact	NO + NC		NO + NC with 24 VDC pilot light		2 NO + NC
Connection	Screw clamp terminals				
Complete product	XB5AL73415	-	XB5AW73731B5 (2)	-	XB5AA731327
Body	ZB5AZ105		ZB5AZ105 + ZBVB1		ZB5AZ103 + ZBE102
Head	ZB5AL7341	ZB5AA7121	ZB5AW7L3741	ZB5AW7A1721	ZB5AA73132
					ZB5AA71124

Control stations Harmony XAL for plastic devices



Functions	1 start or stop		1 start and stop
Colour	● Green	● Green	● Red
Mark	"I" white	"Start" white	"O" white
Contact	NO		NC
Connection	Screw clamp terminals		
Complete product	Flush	XALD102	XALD103
	Projecting		XALD112
	Selector switch		XALD115



Functions	Emergency stop trigger action, Ø40 mushroom head pushbuttons					
Colour	● Red			● Red		
Contact	Turn to release			Key release		
	NC	2 NC	NC + NC + NO	NC	NC + NC	NC + NC + NO
Connection	Screw clamp terminals					
Complete product	XALK178	XALK178F	XALK178G	XALK188	XALK188E	XALK188G



Functions	2 start and stop flush mounting			2 up/down flush mounting		
Colour / mark	● 1 "I"	● 1 "Start"	● 1 Pilot light 24 VDC	● 1 "Up" ↑	● 1 "Up" ↑	● 1 "Up" ↑
	● 1 "O"	● 1 "Stop"	● 1 "I"	● 1 "Down" ↓	● 1 "O"	● 1 E-stop
			● 1 "O"		● 1 "Down" ↓	● 1 "Down" ↓
Contact	NO + NC			NO + NO	NO + NC + NO	
Connection	Screw clamp terminals					
Complete product	XALD213	XALD215	XALD363B	XALD222	XALD324	XALD328

Plastic modular pushbuttons Ø16 Harmony XB6

Choose : **1** > **2** > **3** > **4** > Reference
 Body Colour Contact Connection



Flush mounting pushbuttons unmarked							
Colour		 White	 Black	 Green	 Red	 Yellow	 Blue
Contact		NO	NO + NC	NO	NC	NO	
Connection		Tags for 2.8 x 0.5 Faston connectors or for soldering					
Complete product	Rectangular	XB6DA11B	XB6DA25B	XB6DA31B	XB6DA42B	-	-
	Square	XB6CA11B	XB6CA25B	XB6CA31B	XB6CA42B	-	-
	Circular	XB6AA11B	XB6AA25B	XB6AA31B	XB6AA42B	-	-
Body		ZB6Z1B	ZB6Z5B	ZB6Z1B	ZB6Z2B	ZB6Z1B	ZB6Z1B
Head	Rectangular	ZB6DA1	ZB6DA2	ZB6DA3	ZB6DA4	ZB6DA5	ZB6DA6
	Square	ZB6CA1	ZB6CA2	ZB6CA3	ZB6CA4	ZB6CA5	ZB6CA6
	Circular	ZB6AA1	ZB6AA2	ZB6AA3	ZB6AA4	ZB6AA5	ZB6AA6



Emergency stop trigger action, Ø30 mushroom head pushbuttons			
Colour	Red		
Contact	2NC + NO Turn to release		2NC + NO Key release
Connection	Tags for 2.8 x 0.5 Faston connectors or for soldering		
Complete product	XB6AS8349B		XB6AS9349B
Body	ZB6Z4B		
Head	ZB6AS834		ZB6AS934



Pilot lights with integral LED						
Colour		White	Green	Red	Yellow	Blue
Power supply		12...24 VDC				
Connection		Tags for 2.8 x 0.5 Faston connectors or for soldering				
Complete product	Rectangular	XB6DV1BB	XB6DV3BB	XB6DV4BB	XB6DV5BB	-
	Square	XB6CV1BB	XB6CV3BB	XB6CV4BB	XB6CV5BB	-
	Circular	XB6AV1BB	XB6AV3BB	XB6AV4BB	XB6AV5BB	-
Body		ZB6EB1B	ZB6EB3B	ZB6EB4B	ZB6EB5B	ZB6EB6B
Head	Rectangular	ZB6DV1	ZB6DV3	ZB6DV4	ZB6DV5	ZB6DV6
	Square	ZB6CV1	ZB6CV3	ZB6CV4	ZB6CV5	ZB6CV6
	Circular	ZB6AV1	ZB6AV3	ZB6AV4	ZB6AV5	ZB6AV6



Selector switches		Black handle			Key			
Positions stay put		2	↙	3	2	↙	3	↙
Contact		NO		NO + NC	NO + NC		NO + NC	
Connection		Tags for 2.8 x 0.5 Faston connectors or for soldering						
Complete product	Rectangular	XB6DD221B	XB6DD225B	XB6DD235B	XB6DGC5B	XB6DGH5B		
	Square	XB6CD221B	XB6CD225B	XB6CD235B	XB6CGC5B	XB6CGH5B		
	Circular	XB6AD221B	XB6AD225B	XB6AD235B	XB6AGC5B	XB6AGH5B		
Body		ZB6Z1B		ZB6Z5B				
Head	Rectangular	ZB6DD22		ZB6DD23	ZB6DGC	ZB6DGH		
	Square	ZB6CD22		ZB6CD23	ZB6CGC	ZB6CGH		
	Circular	ZB6AD22		ZB6AD23	ZB6AGC	ZB6AGH		

Plastic monolithic pushbuttons Ø16 Harmony XB6



Flush mounting pushbuttons unmarked IP65							
Colour		White	Black	Green	Red	Yellow	Blue
Contact		CO					
Connection		Tags for 2.8 x 0.5 Faston connectors or for soldering					
Monolithic product	Rectangular	XB6EDA11P	XB6EDA21P	XB6EDA31P	XB6EDA41P	XB6EDA51P	XB6EDA61P
	Square	XB6ECA11P	XB6ECA21P	XB6ECA31P	XB6ECA41P	XB6ECA51P	XB6ECA61P
	Circular	XB6EAA11P	XB6EAA21P	XB6EAA31P	XB6EAA41P	XB6EAA51P	XB6EAA61P

Plastic monolithic pushbuttons Ø16 Harmony XB6

Choose : **1** > **2** > **3** > **4** > Reference
 Body Colour Contact Connection



Emergency stop trigger action, Ø32 mushroom head pushbuttons		
Colour	 Red	 Illuminated with 24 V LED
Contact	2NC Turn to release	
Connection	Tags for 2.8 x 0.5 Faston connectors or for soldering	
Monolithic product	XB6ETN521P	XB6ETI523P



Pilot lights with integral LED IP65						
Colour	● White	● Green	● Red	● Yellow	● Blue	● Orange
Power supply	12 VDC					
Connection	Tags for 2.8 x 0.5 Faston connectors or for soldering					
Monolithic product	Rectangular	XB6EDV1JP	XB6EDV3JP	XB6EDV4JP	XB6EDV5JP	XB6EDV6JP
	Square	XB6ECV1JP	XB6ECV3JP	XB6ECV4JP	XB6ECV5JP	XB6ECV6JP
	Circular	XB6EAV1JP	XB6EAV3JP	XB6EAV4JP	XB6EAV5JP	XB6EAV6JP



Selector switches		Standard black handle			Key				
Positions stay put		2	▽	3	▽	2	▽	3	▽
		Stay put		Stay put		Stay put		Stay put	
Contact		NO + NC		2NO + 2NC		NO + NC		2NO + 2NC	
Connection		Tags for 2.8 x 0.5 Faston connectors or for soldering							
Monolithic product	Rectangular	XB6EDD221P	XB6EDD222P	XB6EDD232P	XB6EDG221P	XB6EDG222P	XB6EDG232P		
	Square	XB6ECD221P	XB6ECD222P	XB6ECD232P	XB6ECG221P	XB6ECG222P	XB6ECG232P		
	Circular	XB6EAD221P	XB6EAD222P	XB6EAD232P	XB6EAG221P	XB6EAG222P	XB6EAG232P		

Metal pushbuttons Ø30 Harmony 9001

Choose : **1** > **2** > **3** > **4** > Reference
 Body Colour Contact Connection



Pushbuttons spring return		Flush		Projecting		Projecting high guard	
Colour		Set of 7 clip-in coloured caps       					
Contact		NO	CO	NO	CO	NO	CO
Connection		Screw clamp terminals					
Complete product		9001KR1UH5	9001KR1UH13	9001KR3UH5	9001KR3UH13	9001KR2UH5	9001KR2UH13



Mushroom head pusbuttons	Emergency stop trigger action		
Colour / Ø	● Ø40		
Contact	2 NO + 2 NC		NO + NC
Connection	Screw clamp terminals		
Complete product	9001KR16H2		9001KR16H13



Pilot lights with integral LED					Illuminated pushbuttons with integral LED		
Colour		 Green	 Red	 Amber	 Green	 Red	 Amber
Contact	-				CO		
Connection	Screw clamp terminals						
Complete product	24 V AC/DC	9001KP35LGG9	9001KP35LRR9	9001KP35LYA9	9001K3L35LGGH13	9001K3L35LRRH13	9001K3L35LYAH13
	48 V AC/DC	9001KP36LGG9	9001KP36LRR9	9001KP36LYA9	9001K3L36LGGH13	9001K3L36LRRH13	9001K3L36LYAH13
	120 V AC/DC	9001KP38LGG9	9001KP38LRR9	9001KP38LYA9	9001K3L38LGGH13	9001K3L38LRRH13	9001K3L38LYAH13



Save installation time with the wireless and batteryless pushbuttons Harmony XB5R

This new offer provides savings in installation time and costs by totally eliminating cabling and associated accessories between the pushbutton and the electrical cabinet.

Improve security of your daily operations with Harmony XB5S

Harmony XB5S is an innovative biometric switch that uses fingerprint authentication to control access to your machines, vehicles, and rooms. The database of authorized users can be managed directly on the device or externally via a PC or HMI interface. The Harmony XB5S switch enables you to determine the level of access to different process areas and individual HMI menu tabs.



-1 second
to authenticate an operator and authorize or refuse their access

Wireless & battery-less pushbuttons Harmony XB5R/XB4R



Ready to use packs factory paired Harmony XB5/XB4						
Receiver	Non programmable			Programmable		
Caps	1 black			10 coloured		
Pushbutton	1 Plastic	1 Metal	1 Plastic in handy box	1 Plastic	1 Metal	1 Plastic in handy box
Output relay RT 3 A.	1			2		
Complete product	XB5RFB01	XB4RFB01	XB5RMB03	XB5RFA02	XB4RFA02	XB5RMA04

Biometric switches Harmony XB5S



Configuration	Stand alone		By PC		By HMI
Receiver	Monostable	Bistable	Monostable USB	Bistable USB	USB
Power supply / Output	24 V DC / PNP				24 V DC / -
Complete product	Cable 2 m.	XB5S2B2L2	XB5S1B2L2	XB5S4B2L2	XB5S3B2L2
product	M12 connector	XB5S2B2M12	XB5S1B2M12	XB5S4B2M12	XB5S3B2M12

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998-1244573_GMA-GB

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Art: 838970