Your Harmony control guide

06-2014



Scan and **discover** Harmony **innovation**





Metal pushbuttons **Ø22** Harmony XB4



















Flush mounting pushbuttons unmarked	d					
Colour	White	● Black	Green	Red	Yellow	Blue
Contact		NO		NC	N	0
Connection			Screw clam	np terminals		
Complete product	XB4BA11	XB4BA21	XB4BA31	XB4BA42	XB4BA51	XB4BA61
Body		ZB4BZ101		ZB4BZ102	ZB4B	Z101
Head	ZB4BA1	ZB4BA2	ZB4BA3	ZB4BA4	ZB4BA5	ZB4BA6
Booted flush mounting pushbuttons ur	nmarked					
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		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 clam	np 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, Ø4	0 mushroom head pushbuttons									
Colour		● Red								
Contact	NO + NC Push-pull	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	ZB4BT84 ZB4BS944 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 o	r 110120 V AC or 2	30240 V AC				
Connection		Screw clamp terminals							
Complete product	24 V AC/DC	XB4BVB1	XB4BVB3	XB4BVB4	XB4BVB5	XB4BVB6			
	110120 V AC		XB4BVG3	XB4BVG4	XB4BVG5	XB4BVG6			
	230240 V AC	XB4BVM1	XB4BVM3	XB4BVM4	XB4BVM5	XB4BVM6			



Flush mounting illuminated pushbuttons with integral LED										
Colour	White	White ● Green ● Red		Orange	Blue					
Contact			NO + NC							
Connection			Screw clamp terminals	3						
Complete product 24 V AC/DC	XB4BW31B5	XB4BW33B5	XB4BW34B5	XB4BW35B5	XB4BW36B5					
110120 V AC	XB4BW31G5	XB4BW33G5	XB4BW34G5	XB4BW35G5	XB4BW36G5					
230240 V AC	XB4BW31M5	XB4BW33M5	XB4BW34M5	XB4BW35M5	XB4BW36M5					

Metal pushbuttons **Ø22** Harmony XB4







Selector switches						
Positions		2 🗸	\Diamond	2 🗸	3 ↓	\heartsuit
		Stay put	Spring return	Stay put	Stay put	Spring return
Contact		1	NO	NO + NC	2	NO
Connection				Screw clamp termina	ls	
Complete product	Black handle	XB4BD21	XB4BD41	XB4BD25	XB4BD33	XB4BD53
	Black long handle	XB4BJ21	-	-	XB4BJ33	XB4BJ53
	Key switch (455)	XB4BG21	XB4BG61	-	XB4BG33	-





Illuminated Select	or switches with inte	egral LED and colour	handle					
Positions stay put		2	\vee		3	\forall		
Colour		Green	Red	Orange	Green	Red	Orange	
Contact	Contact NO + NC							
Connection				Screw clam	p terminals			
Complete product	24 V AC/DC	XB4BK123B5	XB4BK124B5	XB4BK125B5	XB4BK133B5	XB4BK134B5	XB4BK135B5	
	110120 V AC	XB4BK123G5	XB4BK124G5	XB4BK125G5	XB4BK133G5	XB4BK134G5	XB4BK135G5	
	230240 V AC	XB4BK123M5	XB4BK124M5	XB4BK125M5	XB4BK133M5	XB4BK134M5	XB4BK135M	
			0		0	ETOP.	O STOP	
Double and triple-h	eaded pushbuttons	1 flush 1 projecting	2 flush	1 flush 1 projecting	2 flush	2 flush + 1 red cen	tral projecting	
Contact		NO +	+ NC	NO + NC with 24	4 VDC pilot light	2 NO	+ NC	
Connection				Screw clam	p terminals			
Complete product		XB4BL73415	-	XB4BW73731B5 (2)	-	XB4BA731327	-	
Body		ZB4B	Z105	ZB4BZ105	5 + ZBVB1	ZB4BZ103	3 + 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 clam	p terminals	Spring clam	np terminals	•
Sold by	5	5	4	4	10
Reference	ZBE101	ZBE102	ZBE1015	ZBE1025	ZB4BZ009



Light blocks with integral LED									
Colour		White	Green	Red	Orange	Blue			
Power supply			24 V AC/DC o	or 110120 V AC or 2	30240 V AC				
Connection				Screw clamp terminals	3				
Reference	24 V AC/DC	ZBVB1	ZBVB3	ZBVB4	ZBVB5	ZBVB6			
	110120 V AC		ZBVG3	ZBVG4	ZBVG5	ZBVG6			
	230240 V AC	ZBVM1	ZBVM3	ZBVM4	ZBVM5	ZBVM6			











Legend holders 3	0x40 mm for 8x27	mm legend				Ø60 mm for emerge	ncy stop	3D label		
White marking/Re	Vhite marking/Red or black background						Black marking/Yellow background			
0	ZBY2931		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 back	ground				Without marking/Ye	llow background			
	ZBY2101		ZBY2101				ZBY9140	ZBY9121		

Plastic pushbuttons **Ø22** Harmony XB5





















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Colour	White	● Black	Green	Red	Yellow	Blue	
Contact		NO			NO		
Connection			Screw clam	np terminals			
Complete product	XB5AA11	XB5AA21	XB5AA31	XB5AA42	XB5AA51	XB5AA61	
Body		ZB5AZ101		ZB5AZ102	ZB5A	Z101	
Head	ZB5AA1	ZB5AA2	ZB5AA3	ZB5AA4	ZB5AA5	ZB5AA6	
Booted flush mounting pushbutton	s unmarked						
Complete product		XB5AP21	XB5AP31	XB5AP42	XB5AP51	XB5AP61	
Body	D -	ZB5A	Z101	ZB5AZ102	ZB5AZ101		
Head	D C -	ZB5AP2	ZB5AP3	ZB5AP4	ZB5AP5	ZB5AP6	
Flush mounting pushbuttons mark	ed						
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 clan	np 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 Push-pull NO + NC Turn to release NO + NC Key release (N°								
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	7R5AC2	7R/5AC3	7R5AC6							



Pilot lights with integral LED						
Colour	White	Green	Red	Orange	Blue	Yellow
Power supply		24	V AC/DC or 110120	V AC or 230240 V	AC	
Connection			Screw clam	p terminals		
Complete product 24 V AC/DC	XB5AVB1	XB5AVB3	XB5AVB4	XB5AVB5	XB5AVB6	-
110120 V AC	XB5AVG1	XB5AVG3	XB5AVG4	XB5AVG5	XB5AVG6	-
230240 V AC	XB5AVM1	XB5AVM3	XB5AVM4	XB5AVM5	XB5AVM6	-
Monolithic product 24 V AC/DC	XB5EVB1	XB5EVB3	XB5EVB4	XB5EVB5	XB5EVB6	XB5EVB8
110120 V AC	XB5EVG1	XB5EVG3	XB5EVG4	XB5EVG5	XB5EVG6	XB5EVG8
230 240 V AC	XB5FVM1	XB5EVM3	XB5FVM4	XB5EVM5	XB5EVM6	XB5EVM8



Flush mounting ill	Flush mounting illuminated pushbuttons with integral LED												
Colour		White	Green	Red	Orange	Blue							
Contact				NO + NC									
Connection				Screw clamp terminals	S								
Complete product	24 V AC/DC	XB5AW31B5	XB5AW33B5	XB5AW35B5	XB5AW36B5								
	110120 V AC	XB5AW31G5	XB5AW33G5	XB5AW34G5	XB5AW35G5	XB5AW36G5							
	230240 V AC	XB5AW31M5	XB5AW33M5	XB5AW34M5	XB5AW35M5	XB5AW36M5							

Plastic pushbuttons **Ø22** Harmony XB5

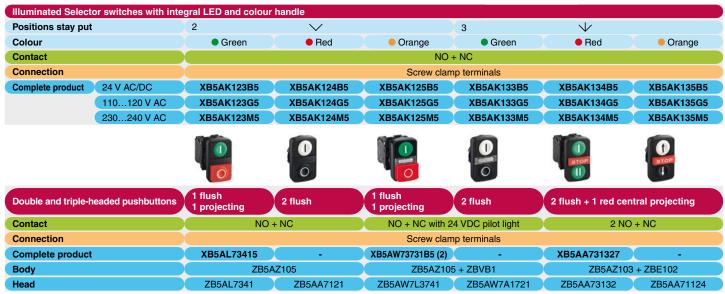




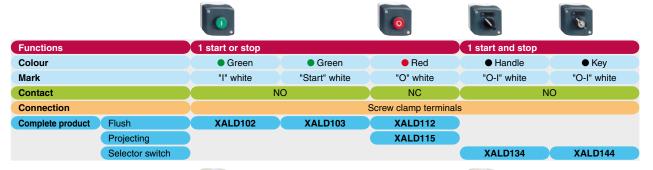


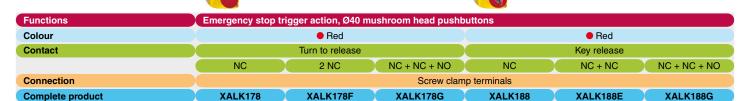
Selector switches								
Positions		2 🗸		\Diamond	2 🗸	3	\vee	\Diamond
		Stay put	S	pring return	Stay put		Stay put	Spring return
Contact			NO		NO + NC	2 NO		
Connection					Screw clamp terminal	s		
Complete product	Black handle	XB5AD21		XB5AD41	XB5AD25		XB5AD33	XB5AD53
	Black long handle	XB5AJ21		-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





Control stations Harmony XAL for plastic devices







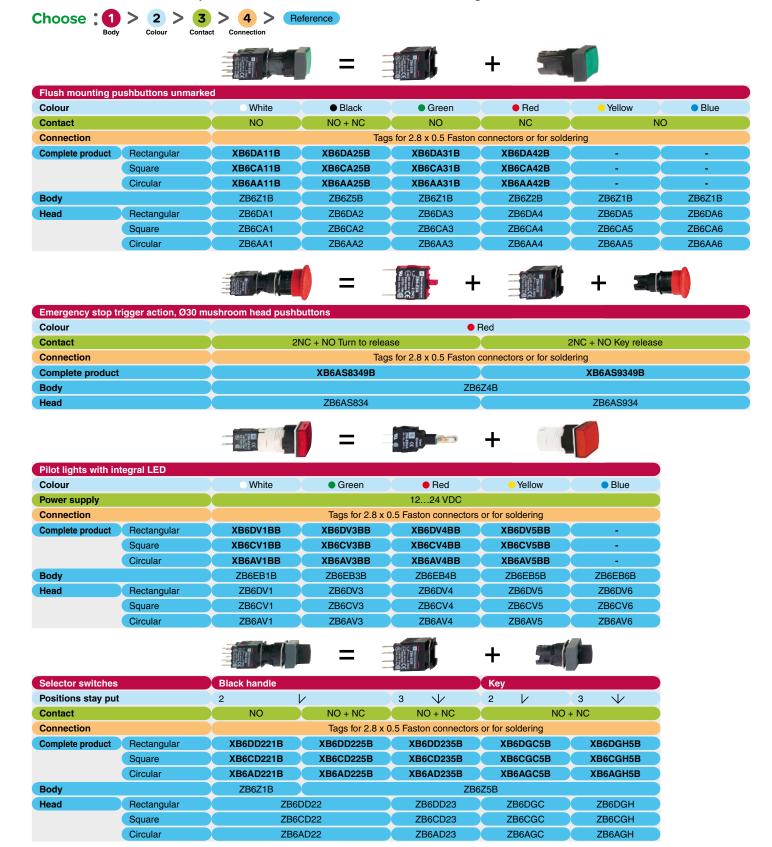






Functions	2 start and stop flu	sh mounting		2 up/down flush m	ounting	
Colour / mark	● 1 "I"	1 "Start"	1 Pilot light 24 VDC	0 1 "Up" ↑	○ 1 "Up" ↑	0 1 "Up" †
	1 "O"	1 "Stop"	● 1 "I"	● 1 "Down" ↓	1 "O"	● 1 E-stop
			1 "O"		● 1 "Down" ↓	● 1 "Down" ↓
Contact		NO + NC		NO + NO	NO + N	C + NO
Connection			Screw clam	p terminals		
Complete product	XALD213	XALD215	XALD363B	XALD222	XALD324	XALD328

Plastic modular pushbuttons **Ø16** Harmony XB6



Plastic monolithic pushbuttons **Ø16** Harmony XB6



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Colour		White	● Black	Green	Red	Yellow	Blue			
Contact	Contact									
Connection			Tags	for 2.8 x 0.5 Faston c	onnectors or for solde	ering				
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





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







Pilot lights with integral LED IF	65						
Colour	White	Green	Red	Yellow	Blue	Orange	
Power supply		12 VDC					
Connection		Tag	s for 2.8 x 0.5 Faston	connectors or for solde	ering		
Monolithic product Rectangula	r XB6EDV1JP	XB6EDV3JP	XB6EDV4JP	XB6EDV5JP	XB6EDV6JP	XB6EDV8JP	
Square	XB6ECV1JP	XB6ECV3JP	XB6ECV4JP	XB6ECV5JP	XB6ECV6JP	XB6ECV8JP	
Circular	XB6EAV1JP	XB6EAV3JP	XB6EAV4JP	XB6EAV5JP	XB6EAV6JP	XB6EAV8JP	













Selector switches	Standard black hai	ndle		Кеу			
Positions stay put	2	\vee		2		3 ↓	
	Stay	Stay put		Stay put		Stay put	
Contact	NO + NC	2NO -	+ 2NC	NO + NC	2NO	+ 2NC	
Connection		Tags	s 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



















Pusbuttons spring return	Flush		Projecting		Projecting high gu	ıard		
Colour		9	Set of 7 clip-in coloured	d caps O • • • • • •				
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	Emergency stop trigger action							
Colour / Ø	• 9	● Ø40							
Contact	2 NO + 2 NC	2 NO + 2 NC NO + NC							
Connection	Screw clam	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 clam	np terminals			
Complete product 24	V AC/DC	9001KP35LGG9	9001KP35LRR9	9001KP35LYA9	9001K3L35LGGH13	9001K3L35LRRH13	9001K3L35LYAH13	
48	V AC/DC	9001KP36LGG9	9001K3L36LYAH13					
120	V AC/DC	9001KP38LGG9	9001KP38LRR9	9001KP38LYA9	9001K3L38LGGH13	9001K3L38LRRH13	9001K3L38LYAH13	





Harmony NEWS

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 authentification 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.



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	1 Plastic	1 Metal	1 Plastic					
			in handy box			in handy box					
Output relay RT 3 A.		1			2						
Complete product	XB5RFB01	XB4RFB01	XB5RMB03	XB5RFA02	XB4RFA02	XB5RMA04					

Biometric switches Harmony XB5S



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