

References

Assembly of other products using:
Body/contact assemblies: see page 74
Combined sub-assemblies: see page 80
Accessories: see pages 98 and 100

Control and signaling units

Harmony XB5, plastic

Emergency stop and Emergency switching off functions

Circular yellow legends for Emergency stop



XB5AT845



XB5AS8445



XB5AS9445



ZB5AT84



ZB5AS844



ZB5AS834



ZB5AS934



ZBY9121



ZBY9420

Emergency stop and Emergency switching off functions conforming to EN/IEC 60204-1, 60364-5-53, EN/ISO 13850, and Machinery Directive 2006/42/EC

Emergency stop function: Mushroom head Emergency stop trigger action and mechanical latching pushbuttons conform to standards EN/IEC 60204-1 and EN/ISO 13850, Machinery Directive 2006/42/EC, and standard EN/IEC 60947-5-5.

Emergency switching off function: Mushroom head switching off mechanical latching pushbuttons conform to standards IEC 60364-5-53 and EN/IEC 60947-5-5.

Please contact our Customer Care Center for an explanation of these standards and directives.

Emergency stop and switching off pushbuttons with trigger action and mechanical latching (1) (2)

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of reset	Type of contact	Push	Reference	Weight kg/lb
			Diameter Ø mm/in.	Color	
		NO			
		NC			

Complete units

	Push-pull	—	1	40/1.575	Red	XB5AT842 (ZB5AZ102 + ZB5AT84)	0.065/0.143
		1	1	40/1.575	Red	XB5AT845 (ZB5AZ105 + ZB5AT84)	0.076/0.168
	Turn to release	—	1	40/1.575	Red	XB5AS8442 (ZB5AZ102 + ZB5AS844)	0.060/0.132
		1	1	40/1.575	Red	XB5AS8445 (ZB5AZ105 + ZB5AS844)	0.072/0.159
		—	2	40/1.575	Red	XB5AS8444 (ZB5AZ104 + ZB5AS844)	0.072/0.159
	Key release (key no. 455) (3)	—	1	40/1.575	Red	XB5AS9442 (ZB5AZ102 + ZB5AS944)	0.075/0.165
		1	1	40/1.575	Red	XB5AS9445 (ZB5AZ105 + ZB5AS944)	0.112/0.247

Heads only

	Push-pull	30/1.181	Red	ZB5AT844	0.049/0.108
		40/1.575	Red	ZB5AT84	0.049/0.108
		60/2.362	Red	ZB5AX84	0.067/0.148
	Turn to release	30/1.181	Red	ZB5AS834	0.042/0.002
		40/1.575	Red	ZB5AS844	0.046/0.002
	Key release (key no. 455) (2 keys included with head) (5) (3)	30/1.181	Red	ZB5AS934	0.068/0.003
		40/1.575	Red	ZB5AS944 (4)	0.071/0.003
		60/2.362	Red	ZB5AS964	0.092/0.004
	Key release (key no. 4A185) (5)	40/1.575	Red	ZB5AS944D	0.071/0.003

Circular yellow legends for Emergency stop (6)

Description	Marking	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/ 2.362 in. legend for Emergency stop function	—	Yellow	5	ZBY9121	0.007/0.015
	EMERGENCY STOP	Yellow	5	ZBY9320	0.007/0.015
	ARRET D'URGENCE	Yellow	5	ZBY9120	0.007/0.015
	NOT HALT	Yellow	5	ZBY9220	0.007/0.015
	PARADA DE EMERGENCIA	Yellow	5	ZBY9420	0.007/0.015
	ARRESTO DI EMERGENZA	Yellow	5	ZBY9620	0.007/0.015

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 20.

(2) It is recommended that a legend or yellow background is used.

(3) The symbol indicates key withdrawal position(s).

(4) Other key numbers:

- Key no. 421E: add suffix **12** to the reference.

- Key no. 458A: add suffix **10** to the reference.

- Key no. 520E: add suffix **14** to the reference.

- Key no. 3131A: add suffix **20** to the reference.

- Key no. 4A185: add suffix **D** to the reference.

For example, to order a Ø 40 mm/1.575 in. red mushroom head for a trigger action and mechanical latching Emergency stop pushbutton, with release by key no. 421E, the reference becomes ZB5AS94412.

(5) For specific keys with other numbers, please contact our Customer Care Center.

(6) For other legend models for Emergency stop and Emergency switching off function, see page 98.

References (continued)

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Control and signaling units

Harmony XB5, plastic

Emergency stop and Emergency switching off functions

Circular yellow legends for Emergency stop

Emergency stop and Emergency switching off functions conforming to EN/IEC 60204-1, 60364-5-53, EN/ISO 13850, and Machinery Directive 2006/42/EC

Emergency stop function: Mushroom head Emergency stop trigger action and mechanical latching pushbuttons conform to standards EN/IEC 60204-1 and EN/ISO 13850, Machinery Directive 2006/42/EC, and standard EN/IEC 60947-5-5.

Emergency switching off function: Mushroom head switching off mechanical latching pushbuttons conform to standards IEC 60364-5-53 and EN/IEC 60947-5-5.

Please contact our Customer Care Center for an explanation of these standards and directives.

Illuminated Emergency stop and Emergency switching off functions, mechanical latching pushbuttons with mechanical state indicator (1)

For elevator inspection box applications

Shape of head	Type of reset	Push Diameter Ø mm/in.	Color	Unit reference	Weight kg/lb
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Heads only (2)

	Push-pull (1)/(3) For Emergency stop and Emergency switching off function	40/1.575	Red	ZB5AT8643M	0.034/0.075
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Description	Conforming to standards	Marking on yellow background	Sold in lots of	Reference	Weight kg/lb
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Illuminated Emergency stop function ZB5AT8643M with dia. 60mm / 2.362 in. legend plate	EN/IEC 60204-1 and EN/ISO 13850	-	10	ZB5AT8643M140	0.034/0.075
		ARRET D'URGENCE	10	ZB5AT8643M130	0.034/0.075
		EMERGENCY STOP	10	ZB5AT8643M330	0.034/0.075
		NOT HALT	10	ZB5AT8643M230	0.034/0.075
		PARADA DE EMERGENCIA	10	ZB5AT8643M430	0.034/0.075
		ARRESTO DI EMERGENZA	10	ZB5AT8643M630	0.034/0.075

Illuminated Emergency switching off function only, mechanical latching pushbuttons

Screw clamp terminal connections (Schneider Electric anti-loosening system)

Shape of head	Type of reset	Push Diameter Ø mm/in.	Color	Reference	Weight kg/lb
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	Turn to release	40/1.575	Red	ZB5AW743	0.022/0.049
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Circular yellow legends for ZB5AW743

Diameter mm/in.	Conforming to standards	Marking on yellow background	Sold in lots of	Reference	Weight kg/lb
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Used for "Emergency switching off" function

60/2.362	EN/IEC 60204-1	-	10	ZBY9101	0.004/0.009
		COUPURE D'URGENCE	10	ZBY9160	0.004/0.009
		EMERGENCY SWITCHING OFF	10	ZBY9360	0.004/0.009
		NOT-AUS	10	ZBY9260	0.004/0.009
		DESCONEXION DE EMERGENCIA	10	ZBY9460	0.004/0.009
		INTERRUZIONE DI EMERGENZA	10	ZBY9660	0.004/0.009
90/3.543	EN/IEC 60204-1	-	10	ZBY8101	0.008/0.018
		COUPURE D'URGENCE	10	ZBY8160	0.008/0.018
		EMERGENCY SWITCHING OFF	10	ZBY8360	0.008/0.018
		NOT-AUS	10	ZBY8260	0.008/0.018
		DESCONEXION DE EMERGENCIA	10	ZBY8460	0.008/0.018
		INTERRUZIONE DI EMERGENZA	10	ZBY8660	0.008/0.018

(1) For recommended maximum number of contacts constituting the body (fixing collar and contact) associated with the head, see page 20.

(2) Only for use with bodies comprising a light source with integral LED.

(3) Cannot be used with metal guards ZBZ160●.



ZB5AT8643M



ZB5AT8643M330



ZB5AW743



ZBY9360

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Control and signaling units

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Emergency stop and Emergency switching off functions
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Emergency switching off function: Mushroom head switching off mechanical latching pushbuttons conform to standards IEC 60364-5-53 and EN/IEC 60947-5-5.

Please contact our Customer Care Center for an explanation of these standards and directives.

Emergency stop with monitoring contacts, trigger action, and mechanical latching

Screw clamp terminal connection

Shape of head	Type of reset	Type of contact		Supply voltage V	Push		Reference	Weight kg/lb
					Diameter Ø mm/in.	Color		
		NO	NC					

Non-illuminated

	Push-pull and Turn to release	1	2	–	40/1.575	Red	XB5AS84449	0.090/0.198
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Illuminated (red)

	Push-pull and Turn to release	1	2	24 VAC	40/1.575	Red	XB5AS86449B4	0.094/0.207
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Circular yellow legends for Emergency stop XB5AS84449 or XB5AS86449B4

Description	Marking	Color	Sold in lots of	Reference	Weight kg/lb
Ø 60 mm/ 2.362 in. legend for Emergency stop function	-	Yellow	5	ZBY9141	0.007/0.015
	EMERGENCY STOP	Yellow	5	ZBY9142	0.007/0.015



XB5AS84449



XB5AS86449B4



ZBY9142

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Control and signaling units

Harmony XB5, plastic

General safe stops

Bellows for harsh environments

General safe stops

General safe stops are used to stop the operation of a machine in a safe manner. These devices cannot be used as an Emergency stop and must not be associated with a yellow background. General safe stops comprise a yellow bezel and black head.



ZB5AT82Y



ZB5AS942Y

Shape of head	Type of reset	Push		Reference	Weight kg/lb
		Diameter Ø mm/in.	Color		
	Push-pull	40/1.575	Black	ZB5AT82Y	0.050/0.110
	Turn to release	40/1.575	Black	ZB5AS842Y	0.046/0.101
	Key release (key no. 455) (2 keys included with head) (1)	40/1.575	Black	ZB5AS942Y	0.071/0.157

Bellows for harsh environments (2)



ZBZ58

Description	Material	For use with	Color	Sold in lots of	Unit reference	Weight kg/lb
For use in environments subject to humidity, dust, high pressure cleaning, etc.	Silicone	Other functions	Black	2	ZBZ28	0.009/0.020
		Emergency stop/ switching off function	Yellow	2	ZBZ58	0.009/0.020

(1) The symbol indicates key withdrawal position(s).

(2) Not compatible with Ø 30 mm/1.181 in. pushbuttons.