Control and signaling units
Harmony XB4, metal
Emergency stop and Emergency switching off functions

Assembly of other products using:
Body/contact assemblies: see page 76
Accessories: see page 99 and 106

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 to 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 a detailed explanation of these standards and directives.

PF512504



XB4BT845

PF512505



XB4BS9445

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 NO	Type of contact NC	Push Ø (mm)/*in.*	Push Color	Reference	Weight kg/*lb*
Complete units							
	Push-pull	–	1	40/*1.575*	Red	**XB4BT842** (ZB4BZ105 + ZB4BT84)	0.125/*0.276*
		1	1	40/*1.575*	Red	**XB4BT845** (ZB4BZ105 + ZB4BT84)	0.136/*0.300*
	Turn to release	–	1	40/*1.575*	Red	**XB4BS8442** (ZB4BZ102 + ZB4BS844)	0.118/*0.260*
		1	1	40/*1.575*	Red	**XB4BS8445** (ZB4BZ105 + ZB4BS844)	0.130/*0.287*
		–	2	40/*1.575*	Red	**XB4BS8444** (ZB4BZ104 + ZB4BS844)	0.130/*0.287*
		1	2	40/*1.575*	Red	**XB4BS84441** (ZB4BZ141 + ZB4BS844)	0.140/*0.309*
	Key release (key no. 455) *(3)*	1	1	40/*1.575*	Red	**XB4BS9445** (ZB4BZ105 + ZB4BS944)	0.170/*0.375*

(1) For recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 24.
(2) It is recommended that a legend or yellow background is used.
(3) The symbol ⚷ indicates key withdrawal position(s).

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Control and signaling units
Harmony XB4, metal
Emergency stop and Emergency switching off functions

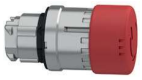
Assembly of other products using:
Body/contact assemblies: see page 76
Accessories: see page 103 and 106

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 to 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 a detailed 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)

PF512506

ZB4BT844

PF512507

ZB4BS834

PF512508

ZB4BS964

Heads only

Shape of head	Type of reset	Push Ø (mm)/*in.*	Color	Reference	Weight kg/*lb*
	**Push-pull**	30/*1.181*	Red	**ZB4BT844**	0.078/*0.172*
		40/*1.575*	Red	**ZB4BT84**	0.078/*0.172*
		60/*2.362*	Red	**ZB4BX84**	0.098/*0.216*
	**Turn to release**	30/*1.181*	Red	**ZB4BS834**	0.068/*0.150*
		40/*1.575*	Red	**ZB4BS844**	0.073/*0.161*
		60/*2.362*	Red	**ZB4BS864**	0.093/*0.205*
	**Key release (key no. 455)** 2 keys included with head *(3) (4)*	30/*1.181*	Red	**ZB4BS934**	0.094/*0.207*
		40/*1.575*	Red	**ZB4BS944** *(5)*	0.098/*0.216*
		60/*2.362*	Red	**ZB4BS964**	0.118/*0.260*

Heads with black metal bezel
To order, add a **7** to the references selected from above.
Example: **ZB4BT844** becomes **ZB4BT8447**.

(1) For recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 24.
(2) It is recommended that a legend or yellow background is used.
(3) The symbol ⚷ indicates key withdrawal position(s).
(4) For specific keys with other numbers, please contact our Customer Care Center.
(5) 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.*
*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: **ZB4BS94412**.*

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Control and signaling units
Harmony XB4, metal
Illuminated rings for Emergency stop
Circular yellow legends for Emergency stop



XB4_632_CPMFS180264

ZBY9W2B330


PF131618A

ZBY9W3B140

Illuminated rings for Emergency stop *(1)*

Description	Marking	Signaling	Supply voltage	Color	Sold in lots of	Reference	Weight kg/*lb*
Ø 60 mm/*2.362 in.* illuminated ring for Emergency stop	EMERGENCY STOP	Fixed, red	24 V ⎓	Yellow	1	**ZBY9W2B330**	0.031/*0.068*
	ARRET D'URGENCE	Fixed, red	24 V ⎓	Yellow	1	**ZBY9W2B130**	0.031/*0.068*
	NOT HALT	Fixed, red	24 V ⎓	Yellow	1	**ZBY9W2B230**	0.031/*0.068*
	PARADA DE EMERGENCIA	Fixed, red	24 V ⎓	Yellow	1	**ZBY9W2B430**	0.031/*0.068*
	ARRESTO DI EMERGENZA	Fixed, red	24 V ⎓	Yellow	1	**ZBY9W2B630**	0.031/*0.068*
	-	Fixed, red	24 V ⎓	Yellow	1	**ZBY9W2B140**	0.031/*0.068*
	EMERGENCY STOP	Fixed, red	120 V ~	Yellow	1	**ZBY9W2G330**	0.031/*0.068*
	ARRET D'URGENCE	Fixed, red	120 V ~	Yellow	1	**ZBY9W2G130**	0.031/*0.068*
	NOT HALT	Fixed, red	120 V ~	Yellow	1	**ZBY9W2G230**	0.031/*0.068*
	PARADA DE EMERGENCIA	Fixed, red	120 V ~	Yellow	1	**ZBY9W2G430**	0.031/*0.068*
	ARRESTO DI EMERGENZA	Fixed, red	120 V ~	Yellow	1	**ZBY9W2G630**	0.031/*0.068*
	-	Fixed, red	120 V ~	Yellow	1	**ZBY9W2G140**	0.031/*0.068*
	EMERGENCY STOP	Fixed, red	230 V ~	Yellow	1	**ZBY9W2M330**	0.031/*0.068*
	ARRET D'URGENCE	Fixed, red	230 V ~	Yellow	1	**ZBY9W2M130**	0.031/*0.068*
	NOT HALT	Fixed, red	230 V ~	Yellow	1	**ZBY9W2M230**	0.031/*0.068*
	PARADA DE EMERGENCIA	Fixed, red	230 V ~	Yellow	1	**ZBY9W2M430**	0.031/*0.068*
	ARRESTO DI EMERGENZA	Fixed, red	230 V ~	Yellow	1	**ZBY9W2M630**	0.031/*0.068*
	-	Fixed, red	230 V ~	Yellow	1	**ZBY9W2M140**	0.031/*0.068*
	EMERGENCY STOP	Fixed, red + white	24 V ⎓	Yellow	1	**ZBY9W3B330**	0.031/*0.068*
	ARRET D'URGENCE	Fixed, red + white	24 V ⎓	Yellow	1	**ZBY9W3B130**	0.031/*0.068*
	NOT HALT	Fixed, red + white	24 V ⎓	Yellow	1	**ZBY9W3B230**	0.031/*0.068*
	PARADA DE EMERGENCIA	Fixed, red + white	24 V ⎓	Yellow	1	**ZBY9W3B430**	0.031/*0.068*
	ARRESTO DI EMERGENZA	Fixed, red + white	24 V ⎓	Yellow	1	**ZBY9W3B630**	0.031/*0.068*
	-	Fixed, red + white	24 V ⎓	Yellow	1	**ZBY9W3B140**	0.031/*0.068*


PF131618A

ZBY9121



PF131622A

ZBY9420

Circular yellow legends for Emergency stop *(2)*

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 compliance with standard EN/ISO 13850, paragraph 4.4.6, the Emergency Stop function logo has been added.
(2) For other legend models for Emergency stop and Emergency switching off functions, see page 106.

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Control and signaling units

Harmony XB4, metal

Illuminated Emergency switching off function
Circular yellow legends for Emergency stop
Bellows for harsh environments

Assembly of other products using:
Body/contact assemblies: see page 76
Accessories: see page 103 and 106



ZB4BW643

Illuminated Emergency switching off function only, mechanical latching pushbuttons *(1)*

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

Shape of head	Type of reset	Push Ø (mm)/*in.*	Push Color	Reference	Weight kg/*lb*
Heads only *(2)*					
	Push-pull	40/*1.575*	Red	**ZB4BW643**	0.051/*0.112*

Circular yellow legends for ZB4BW643



ZBY9160

Diameter mm/*in.*	Conforming to standards	Marking on yellow background	Sold in lots of	Unit reference	Weight kg/*lb*
Used for "Emergency switching off" function					
60/*2.362*	EN/IEC 60204-1	–	10	**ZBY9101** *(3)*	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** *(3)*	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*

Bellows for harsh environments *(4)*



ZBZ58

For use in	Material	For use with	Color	Sold in lots of	Unit reference	Weight kg/*lb*
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) For recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, see page 24.
(2) For use with bodies comprising a light source with integral LED only.
(3) To add customized markings on these references using the web customization tool, see page 5.
(4) Not compatible with Ø 30 mm/1.181 in. pushbutton.

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