

**XB4 Operators and Emergency Stop Operators**

**Table 19.77: Mushroom Heads, Momentary**



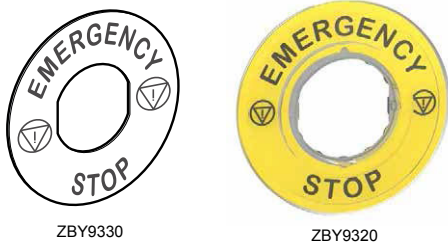
Shape of Head	Diameter of Head	Color of Head	Catalog Number
	30 mm	Black	ZB4BC24
		Green	ZB4BC34
		Red	ZB4BC44
		Yellow	ZB4BC54
		Blue	ZB4BC64
		Black	ZB4BC2
	40 mm	Green	ZB4BC3
		Red	ZB4BC4
		Yellow	ZB4BC5
		Blue	ZB4BC6
		Black	ZB4BR2
		60 mm	Green
Red	ZB4BR4		
Yellow	ZB4BR5		
Blue	ZB4BR6		

**Table 19.78: Mushroom Heads for Maintained Push Buttons**



Shape of Head	Type of Push	Diameter of Head	Color	Catalog Number
<b>For use in Emergency Stop applications</b>				
	Trigger action Push-pull [7]	40 mm	Red	ZB4BT84
		60 mm	Red	ZB4BX84
	Trigger action Turn-to-release [7]	30 mm	Red	ZB4BS834
		40 mm	Red	ZB4BS844
		60 mm	Red marked "EMO"	ZB4BS84430
		60 mm	Red	ZB4BS864
	Trigger action Key release (No. 455) [7]	30 mm	Red	ZB4BS934
		40 mm	Red	ZB4BS944 [8]
		60 mm	Red	ZB4BS964
<b>For use in non-Emergency Stop applications</b>				
	Push-pull	40 mm	Black	ZB4BT2
		60 mm	Black	ZB4BX2
	Turn-to-release	30 mm	Black	ZB4BS42
		40 mm	Black	ZB4BS52
			Yellow	ZB4BS55
			Yellow marked "Robot Stop"	ZB4BS5550
	Key release (No. 455)	60 mm	Black	ZB4BS62
		30 mm	Black	ZB4BS72
		40 mm	Black	ZB4BS12
		60 mm	Black	ZB4BS22

**Table 19.79: Circular Legends for Emergency Stop Mushroom Heads (yellow background)**



Diameter	Text	Catalog Number
60 mm	Blank	ZBY9101
	EMERGENCY STOP	ZBY9330
90 mm	Blank	ZBY8101
	EMERGENCY STOP	ZBY8330
60 mm Bezeled	Blank	ZBY9121
	Emergency Stop	ZBY9320
	Prada de Emergencia	ZBY9420
	Not Halt	ZBY9220

For Legends, refer to XB4 Legend Holders, page 19-38, XB4 Legend Inserts, page 19-39, and XB4 Legend Sheets, page 19-39.

[7] Trigger action mushroom heads are tamper proof in that a change of contact state is not possible by teasing or floating the operator. For emergency stop applications, always use a trigger action push button (per EN/IEC 13850).

[8] Other key numbers:

- key no. 421E: add the suffix 12 to the catalog number.
- key no. 458A: add the suffix 10 to the catalog number.
- key no. 520E: add the suffix 14 to the catalog number.
- key no. 3131A: add the suffix 20 to the catalog number.

Example: The catalog number for a Ø 40 mm red mushroom head for a trigger action, maintained push button, with release by key no. 421E becomes: ZB5AS94412.