

Components for safety applications

Two-hand ergonomic control stations
With XB2-B control units

Characteristics

Environment

Conforming to standards		EN 60947- 5-1, EN 574, EN 292, pr EN 999
Approvals		INRS UL - CSA : pending
Protective treatment	Standard version	"TC"
Ambient air temperature	°C Operation	- 25...+ 70
	°C Storage	- 40...+ 70
Electric shock protection	Conforming to IEC 536	Class I
Degree of protection	Conforming to IEC 529	IP 65
Mechanical durability	Number of operating cycles	1 million
Cable entry	See dimensions, page 6/41	

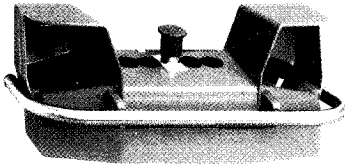
Contact block characteristics

Rated operational characteristics	~ AC-15	A600 or Ue = 240 V and Ie = 3 A
	— DC-13	Q600 or Ue = 250 V & Ie = 0.27 A conforming to IEC 947-5-1 Appendix A
Rated insulation voltage	V Conforming to IEC 947-1	Ui = 500 degree of pollution 3
	V To UL 508 and CSA C22-2 n° 14	Ui = 600
Rated impulse withstand voltage	kV Conforming to IEC 947-1	U imp = 6
Contact operation	Slow break, with positive opening operation	- N/C + N/O break before make on each black actuator pushbutton - N/C + N/C simultaneous on Emergency stop pushbutton - N/C + N/O break before make on Lock out pushbutton
Positive operation	Conforming to IEC 947-5-1 Section 3	N/C contact with positive opening operation
Terminal referencing	Conforming to CENELEC EN 50013	
Short-circuit protection	Conforming to IEC 269	10 A cartridge fuse type gG (gl)
Cabling	mm² Screw clamp terminals	Minimum clamping capacity : 1 x 0.5 Maximum clamping capacity : 1 x 2.5 or 2 x 1.5

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References



XY2-SB5●

Two-hand control stations - painted (Refer to XPS for details for safety modules for use with 2 hand-control)

Description	Function and colour of mushroom head	Contacts (1)	Reference	Weight kg
2 control pushbuttons and 1 mushroom head Emergency Stop or Lock out pushbutton	Emergency stop Red	N/C + N/C slow break	XY2-SB51	4.000
	Lock out (Schaltsperr) Yellow	N/C + N/O break before make	XY2-SB55	4.000
2 control pushbuttons and 1 mushroom head Emergency Stop or Lock out pushbutton with pre-wired terminal block	Emergency stop Red	N/C + N/C slow break	XY2-SB52	4.000
	Lock out (Schaltsperr) Yellow	N/C + N/O break before make	XY2-SB56	4.000

Two-hand control stations - unpainted

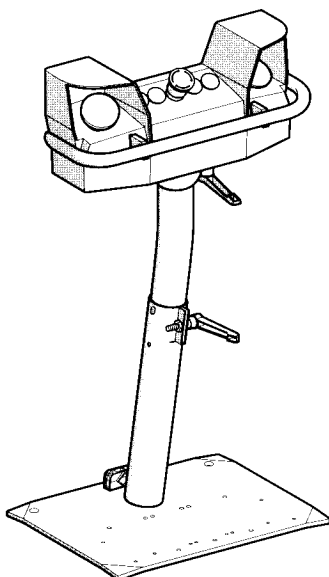
2 control pushbuttons and 1 mushroom head Emergency Stop or Lock out pushbutton	Emergency stop Red	N/C + N/C slow break	XY2-SB512	4.000
	Lock out (Schaltsperr) Yellow	N/C + N/O break before make	XY2-SB552	4.000

Kits (control station + pedestal)

2 control pushbuttons and 1 mushroom head Emergency stop pushbutton + pedestal XY2-SB90	Emergency stop Red	N/C + N/C slow break	XY2-SB514	17.000
	Emergency stop Red	N/C + N/C slow break	XY2-SB524	17.000

Documentation

Description	For use with	Reference	Weight kg
Installation manual	All control stations XY2-XB5●●	XCOM2513	0.200



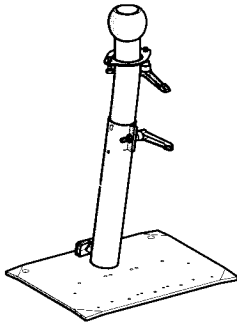
XY2-SB5●4

(1) In addition 1 N/O + N/C auxiliary contact on the two hand control pushbuttons.

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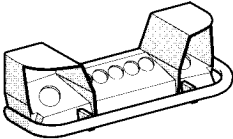
References



XY2-SB90



XY2-SB98



XY2-SB510



XY2-SB94



ZB2-BR216



ZB2-BS844



ZB2-BS845

Accessories and spare parts

Varied accessories

Description	For use with	Colour	Reference	Weight kg
Metal pedestal adjustable height	XY2-SB5●	Orange	XY2-SB90	13.000
Collar for guard rail (welded fixing)	XY2-SB90	Orange	XY2-SB98	0.800
Control station top without control devices	—	Orange	XY2-SB510	2.500
Replacement seals (sold in lots of 5)	—	—	XY2-SB94	0.300

Control units (1)

Description	Component part	Colour	Reference	Weight kg
Pushbutton actuator	Ø 60 mm mushroom head	Black	ZB2-BR216	0.095
	Body/contact assembly N/C + N/O	—	ZB2-BZ105	0.055
Emergency stop pushbutton	Ø 40 mm mushroom head	Red	ZB2-BS844	0.060
	Body/contact assembly N/C + N/C	—	ZB2-BZ104	0.055
	Body/contact assembly N/C + N/C + N/O	—	ZB2-BZ141	0.055
Lock out pushbutton	Ø 40 mm mushroom head	Yellow	ZB2-BS845	0.060
	Body/contact assembly N/C + N/O	—	ZB2-BZ105	0.055

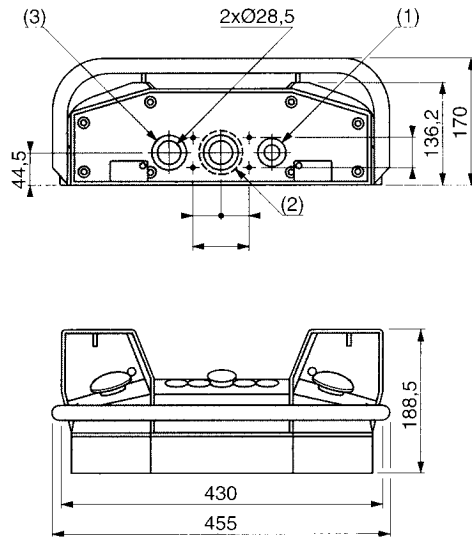
(1) Other XB2-B control and signalling units are suitable for use on the control stations.
Please refer to our latest Pushbutton and Pilot Devices catalogue.

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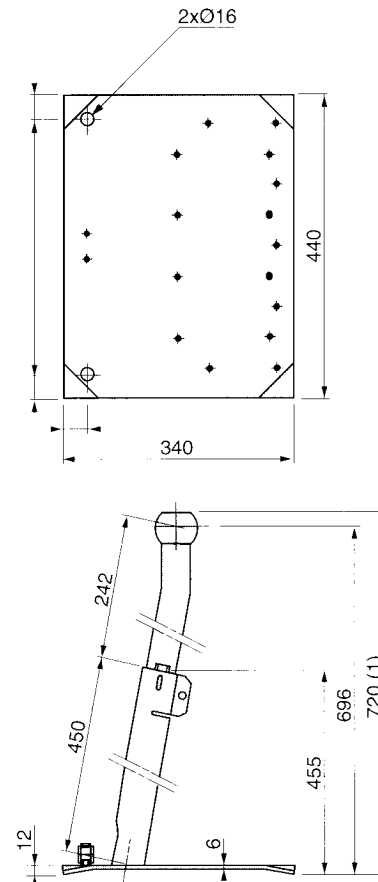
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Dimensions

Control station
XY2-SB5●



Pedestal
XY2-SB90



- (1) 1 plain hole for addition of PG13 cable gland.
- (2) Ø 56 mm knock-out specifically for mounting on pedestal.
- (3) 2 plain holes for addition of PG21 cable glands.

- (1) Adjustable height of pedestal 720 to 1060 mm.