

Pendant control stations

Double insulated, type XAC

For control circuits

Environment

Conformity to standards		EN/IEC 60947-5- EN/IEC 60204-32, UL 508, CSA C22-2 n° 4 EN/IEC 60947-5-5 and EN/ISO 3850: 2006 for versions with trigger action Emergency stop
Product certifications		Special version, with suffix "H7": UL Listed A600-Q600, CSA A600-Q600, CCC, GOST
Protective treatment	Standard version	"TH"
Ambient air temperature	For operation	°C - 25...+ 70
	For storage	°C - 40...+ 70
Vibration resistance		5 gn (0...500 Hz) conforming to IEC 60068-2-6
Shock resistance		00 gn conforming to IEC 60068-2-27
Electric shock protection		Class II conforming to IEC 640
Degree of protection		IP 65 conforming to IEC 60529 IK 08 conforming to EN 5002
Mechanical durability (in millions of operating cycles)		
Enclosure		Double insulated polypropylene, coloured yellow throughout
Cable entry		Rubber sleeve with stepped entry diameter for cable Ø 8...Ø 26 mm

Contact block characteristics

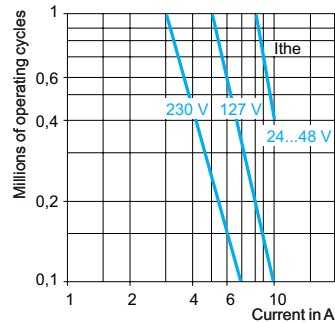
Rated operational characteristics	ZB2 BEppp, XEN Gpppp, XAC Spppp XEN Tpppp	a AC-5: A600 or Ue = 600 V, Ie = .2 A or Ue = 240 V, Ie = 3 A c DC-3: Q600 or Ue = 600 V, Ie = 0. A or Ue = 250 V, Ie = 0.27 A a AC-5: A300 or Ue = 240 V, Ie = 3 A c DC-3: Q300 or Ue = 250 V, Ie = 0.27 A conforming to EN/IEC 60947-5- Appendix A
Thermal current (Ithe)	A	0
Rated insulation voltage (Ui)	ZB2 BEppp, XEN Gpppp, XAC Spppp XEN Tpppp	V 600, degree of pollution 3 V 400, degree of pollution 3, conforming to EN/IEC 60947-
Rated impulse withstand voltage (U imp)	kV	6, conforming to EN/IEC 60947-
Positive operation		Mushroom head pushbutton: N/C contact with positive opening operation conforming to EN/IEC 60947-5- Appendix K
Contact operation		N/C or N/O slow break
Resistance across terminals	MΩ	y 25
Operating force	N	Operators - with N/O contact: 0 - with N/C contact: 8 - with additional N/O contact: + 5 - with additional N/C contact: + 3
Terminal referencing		Conforming to CENELEC EN 5003
Short-circuit protection		0 A cartridge fuse type gG (gl)
Connection	mm ²	Screw and captive cable clamp terminals. Clamping capacity: mm ² 0.5 mm ² , max., with or without cable end: 2 x .5 mm ² or x 2.5 mm ² , 6.3 mm clips (on request), please consult your Regional Sales office.

Operational power

Conforming to EN/IEC 60947-5- Appendix C. Utilisation categories AC-5 and DC-3.
Operating rate: 3600 operating cycles/hour . Load factor: 0.5.

a.c. supply a 50/60 Hz
o Inductive circuit

d.c. supply c
Power broken in W for million operating cycles



Voltage V	24	48	120
o W	65	48	40

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Complete stations “ready for use”



XAC A271
XAC A281

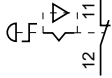
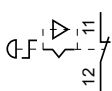
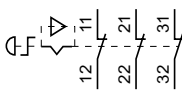
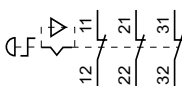


XAC A2714
XAC A2814



XAC A27141
XAC A28141

For control of single-speed motors

Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg		
		Per direction	For Emergency stop				
	2 mechanically interlocked	N/O ZB2 BE0		—	XAC A271	0.475	
		N/C + N/O ZB2 BE02 + ZB2 BE0		—	XAC A281	0.500	
	2 mechanically interlocked + trigger action latching Emergency stop Ø 30 mm operator ZA2 BS834 (1)	N/O ZB2 BE0		N/C ZB2 BE02		XAC A2714 (1)	0.575
		N/C + N/O ZB2 BE02 + ZB2 BE0		N/C ZB2 BE02		XAC A2814 (1)	0.600
		N/O ZB2 BE0		N/C + N/C + N/C XEN T92		XAC A27141 (1)	0.65
		N/C + N/O ZB2 BE02 + ZB2 BE0		N/C + N/C + N/C XEN T92		XAC A28141 (1)	0.635

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XAC A471
XAC A481



XAC A4714
XAC A4814
XAC A47141
XAC A48141



XAC A671
XAC A681



XAC A6714
XAC A6814

For control of single-speed motors (continued)

Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg
		Per direction	For Emergency stop		
	4 mechanically interlocked between pairs	N/O ZB2 BE0		XAC A471	0.625
		N/C + N/O ZB2 BE02 + ZB2 BE0		XAC A481	0.675
	4 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/O ZB2 BE0	N/C ZB2 BE02 	XAC A4714 (1)	0.800
	4 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/C + N/O ZB2 BE02 + ZB2 BE0	N/C ZB2 BE02 	XAC A4814 (1)	0.85
		N/O ZB2 BE0	N/C + N/C + N/C XEN T92 	XAC A47141 (1)	0.835
		N/C + N/O ZB2 BE02 + ZB2 BE0	N/C + N/C + N/C XEN T92 	XAC A48141 (1)	0.850
	6 mechanically interlocked between pairs	N/O ZB2 BE0		XAC A671	0.860
		N/C + N/O ZB2 BE02 + ZB2 BE0		XAC A681	0.950
	6 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/O ZB2 BE0	N/C ZB2 BE02 	XAC A6714 (1)	0.845
	6 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/C + N/O ZB2 BE02 + ZB2 BE0	N/C ZB2 BE02 	XAC A6814 (1)	0.935

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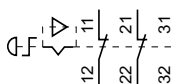
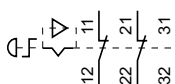
Complete stations "ready for use"



XAC A67141
XAC A68141



XAC A871
XAC A881

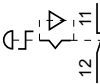
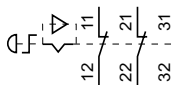
For control of single-speed motors (continued)					
Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg
		Per direction	For Emergency stop		
	6 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/O ZB2 BE0	N/C + N/C + N/C XEN T92		XAC A67141 (1) 0.880
		N/C + N/O ZB2 BE02 + ZB2 BE0	N/C + N/C + N/C XEN T92		XAC A68141 (1) 0.970
	8 mechanically interlocked between pairs	N/O on 7 operators ZB2 BE0 and N/C on the 8 th operator ZB2 BE02	—		XAC A871 0.940
		N/C + N/O ZB2 BE02 + ZB2 BE0	—		XAC A881 .045



XAC A291



XAC A2914
XAC A29141

For control of 2-speed motors					
Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg
		Per direction	For Emergency stop		
	2 mechanically interlocked between pairs	N/C + N/O staggered XEN G9	—		XAC A291 0.525
		N/C + N/O + N/O staggered XEN G9	N/C ZB2 BE02		XAC A2914 (1) 0.570
		N/C + N/O + N/O staggered XEN G9	N/C + N/C + N/C XEN T92		XAC A29141 (1) 0.605

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For control circuits

Complete stations “ready for use”



XAC A491



XAC A4914
XAC A49141

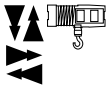
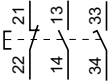
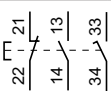
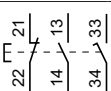
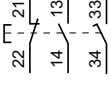
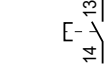
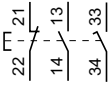
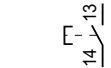
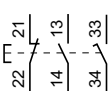
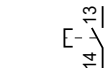


XAC A492



XAC A4924
XAC A49241

For control of 2-speed motors (continued)

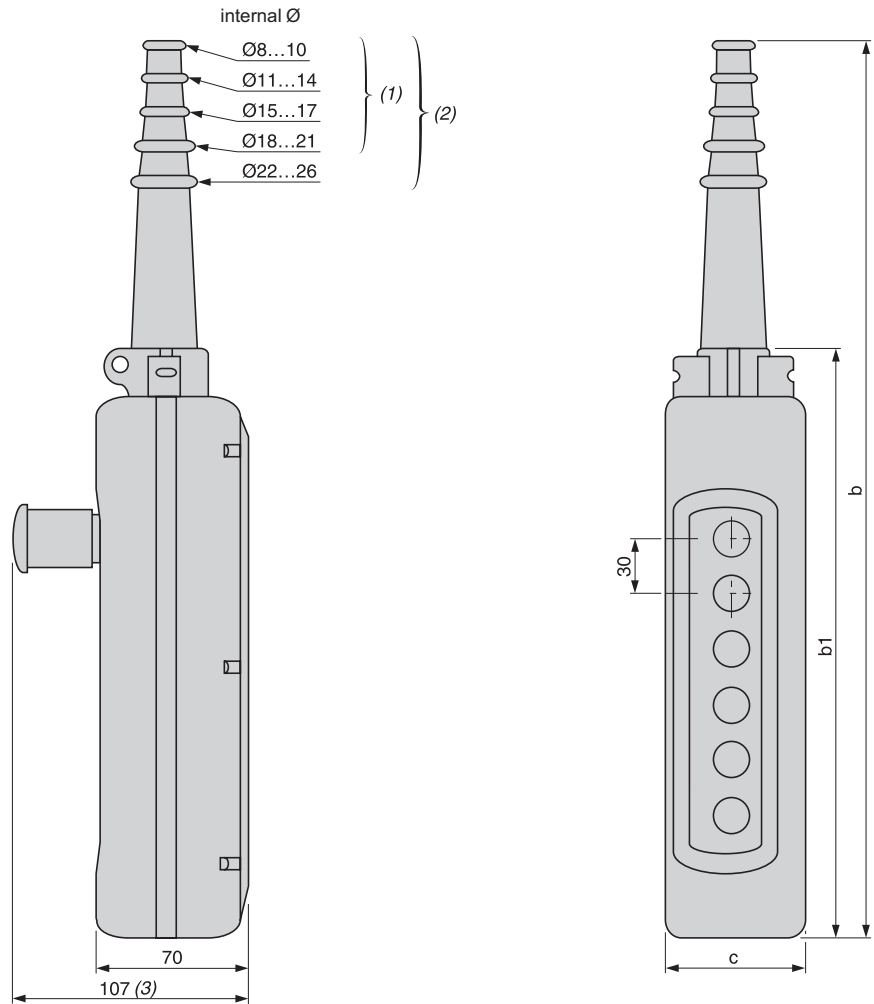
Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg
		Per direction	For Emergency stop		
	4 mechanically interlocked between pairs	N/C + N/O + N/O staggered XEN G9		XAC A491	0.625
	4 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/C + N/O + N/O staggered XEN G9		XAC A4914 (1)	0.675
	4 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/C + N/O + N/O staggered XEN G9		XAC A49141 (1)	0.700
(a)  (b) 	4 mechanically interlocked between pairs	N/C + N/O + N/O staggered (a) XEN G9		XAC A492	0.675
		N/O (b) ZB2 BE0			
	4 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/C + N/O + N/O staggered (a) XEN G9		XAC A4924 (1)	0.700
	4 mechanically interlocked between pairs + trigger action latching Emergency stop Ø 40 mm operator ZA2 BS844 (1)	N/O (b) ZB2 BE0			
		N/C + N/O + N/O staggered (a) XEN G9		XAC A49241 (1)	0.735
		N/O (b) ZB2 BE0			

Pendant control stations

For control circuits

Dimensions A pendant stations for control circuits

XAC



Number of operators	2	3	4	5	6	8	12
b	34	34	440	440	500	560	680
b	90	90	250	250	30	370	490
c	80	80	80	80	80	80	92

(1) For 2 and 3-way XAC A stations.

(2) For 4 to 8-way XAC A stations.

(3) With trigger action Emergency stop head operator.