# Product datasheet Characteristics

# **XACA4912**

pendant control station XAC-A - 4 pushbuttons 1 Emergency stop





#### Main

		ā
Range of product	Harmony XAC	,
Product or component type	Pendant control station	-
Device short name	XACA	

## Complementary

Control station type	Double insulated	er rel
Enclosure material	Polypropylene	
Electrical circuit type	Control circuit	suitability
Enclosure type	Complete ready for use	
Control station application	Control of 2-speed hoist motor	fermi
Control station composition	4 push-buttons + 1 emergency stop	
Control button type	Emergency stop push-button Ø 40 mm 1 NC trigger action blank First push-button 1 NC + 1 NO + 1 NO raise, slow-fast Second push-button 1 NC + 1 NO + 1 NO lower, slow-fast Third push-button 1 NC + 1 NO + 1 NO left, slow-fast Fourth push-button 1 NC + 1 NO + 1 NO right, slow-fast	substitute for and is not to be used for determining
Product compatibility	XENG1191 for each direction ZB2BE102 XENG1191 for emergency stop XENG1191	substitute for an
Mechanical interlocking	With mechanical interlocking between pairs	a 80
Control station colour	Yellow	pepu
Connections - terminals	Screw clamp terminals, 1 x 0.51 x 2.5 mm² without cable end Screw clamp terminals, 1 x 0.52 x 1.5 mm² with cable end	s not intended
Standards	EN/IEC 60947-5-5 EN/ISO 13850: 2006 EN/IEC 60204-32 CSA C22.2 No 14 EN/IEC 60947-5-1	Jaimer: This documentation is
Product certifications	CCC GOST	Haimer: T

Ambient air temperature for operation   Ambient air temperature for storage   4070 °C	Protective treatment	TH
Vibration resistance	Ambient air temperature for operation	-2570 °C
Shock resistance	Ambient air temperature for storage	-4070 °C
Description   Class II conforming to IEC 61140     P degree of protection   IP65 conforming to IEC 60529     IK degree of protection   IR08 conforming to EN 50102     Mechanical durability   1000000 cycles     Cable entry   Rubber sleeve with stepped entry 826 mm     Contact code designation   A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 2600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 6000 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A A600 DC-13, Ue = 600 V, Ie = 0.21 A conforming to IEC 60947-5-1 appendix A A600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A A600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A A600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-15, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-15, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-15, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-15, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-15, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-15, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A DC-13 for 1000000 Cycles, Operating at = 400 V, Ie = 600 V, Ie =	Vibration resistance	15 gn (f= 10500 Hz) conforming to IEC 60068-2-6
IP degree of protection	Shock resistance	100 gn conforming to IEC 60068-2-27
IK degree of protection IK08 conforming to EN 50102  Mechanical durability 1000000 cycles  Cable entry Rubber sleeve with stepped entry 826 mm  Contact code designation A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 240 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-1 G600 V (pollution degree 3)  [Uimp] rated insulation voltage Emergency stop contact: 400 V (pollution degree 3) conforming to IEC 60947-1 G600 V (pollution degree 3)  [Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60947-1  Contact operation Slow-break Maximum resistance across terminals 25 MOhm  Operating force 13 N push-button 14 N emergency stop  Short-circuit protection 10 A fuse protection by cartridge fuse type gG  Rated operational power in W 40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C (11-12)NC (1	Overvoltage category	Class II conforming to IEC 61140
Mechanical durability   1000000 cycles	IP degree of protection	IP65 conforming to IEC 60529
Cable entry Rubber sleeve with stepped entry 826 mm  Contact code designation A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 260 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 260 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 260 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-1 Q600 V (pollution degree 3) conforming to IEC 60947-1 Q600 V (pollution degree 3) conforming to IEC 60947-1 Q600 V (pollution degree 3) conforming to IEC 60947-5-1 Q600 V (pollution degree 3) conforming to IEC 60947-5-1 Q600 V (pollution degree 3) conforming to IEC 60947-5-1 Q600 V (pollution degree 3) conforming to IEC 60947-5-1 Q600 V (pollution degree 3) conforming to IEC 60947-5-1 Q600 V (pollution degree 3) conforming to IEC 60947-5-1 appendix C Q600 DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, Ioad factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C Q7 Q7 Q8 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, Ioad factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C Q7 Q8 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, Ioad factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C Q7 Q8 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, Ioad factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C Q7 Q8 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, Ioad factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C Q7 Q8 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V,	IK degree of protection	IK08 conforming to EN 50102
Contact code designation  A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-1 Q600 V (pollution degree 3) conforming to IEC 60947-1 Q600 V (pollution degree 3) conforming to IEC 60947-1 Q600 V (pollution degree 3) Conforming to IEC 60947-1 Q600 V (pollution degree 3) Conforming to IEC 60947-1 Q600 V (pollution degree 3) Conforming to IEC 60947-1 Q700 V (pollution degree 3) Conforming	Mechanical durability	1000000 cycles
A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A III appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A Conforming to IEC 60947-1 General Section Se	Cable entry	Rubber sleeve with stepped entry 826 mm
Current  [Uii] rated insulation voltage  Emergency stop contact: 400 V (pollution degree 3) conforming to IEC 60947-1 600 V (pollution degree 3)  [Uimp] rated impulse withstand voltage  6 kV conforming to IEC 60947-1  Contact operation  Slow-break  Maximum resistance across terminals  Operating force  13 N push-button 14 N emergency stop  Short-circuit protection  10 A fuse protection by cartridge fuse type gG  Rated operational power in W  40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  13-14)NO  Terminals description ISO n°1  (13-14)NO (11-12)NC  Terminal identifier  (11-12)NC (13-14)NO (11-12)NC (13-14)NO	Contact code designation	A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A
[Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60947-1  Contact operation Slow-break  Maximum resistance across terminals 25 MOhm  Operating force 13 N push-button 14 N emergency stop  Short-circuit protection 10 A fuse protection by cartridge fuse type gG  Rated operational power in W 40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1 (13-14)NO (11-12)NC  Terminals description ISO n°2 (31-32)NC (11-12)NC (21-22)NC  Terminal identifier (11-12)NC (13-14)NO (13-14)NO (13-14)NO		10 A
Contact operation  Slow-break  Maximum resistance across terminals  25 MOhm  Operating force  13 N push-button 14 N emergency stop  Short-circuit protection  10 A fuse protection by cartridge fuse type gG  Rated operational power in W  40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1  (13-14)NO (11-12)NC (21-22)NC  Terminal identifier  (11-12)NC (13-14)NO (11-12)NC (13-14)NO	[Ui] rated insulation voltage	
Maximum resistance across terminals  25 MOhm  Operating force  13 N push-button 14 N emergency stop  Short-circuit protection  10 A fuse protection by cartridge fuse type gG  Rated operational power in W  40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1  (13-14)NO (11-12)NC (21-22)NC  Terminal identifier  (11-12)NC (13-14)NO	[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Operating force  13 N push-button 14 N emergency stop  10 A fuse protection by cartridge fuse type gG  Rated operational power in W  40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1  (13-14)NO (11-12)NC  Terminal identifier  (11-12)NC (21-22)NC  Terminal identifier  (11-12)NC (13-14)NO (13-14)NO	Contact operation	Slow-break
Short-circuit protection  10 A fuse protection by cartridge fuse type gG  Rated operational power in W  40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1  (13-14)NO  (11-12)NC  Terminal identifier  (11-12)NC  Terminal identifier  (11-12)NC  (13-14)NO	Maximum resistance across terminals	25 MOhm
Rated operational power in W  40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1  (13-14)NO  (11-12)NC  (21-22)NC  Terminal identifier  (11-12)NC  (13-14)NO	Operating force	· ·
load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C  Terminals description ISO n°1  (13-14)NO (11-12)NC  Terminals description ISO n°2  (31-32)NC (11-12)NC (21-22)NC  Terminal identifier  (11-12)NC (11-12)NC	Short-circuit protection	10 A fuse protection by cartridge fuse type gG
(11-12)NC       Terminals description ISO n°2     (31-32)NC (11-12)NC (21-22)NC       Terminal identifier     (11-12)NC (13-14)NO	Rated operational power in W	load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load)
(11-12)NC (21-22)NC Terminal identifier (11-12)NC (13-14)NO	Terminals description ISO n°1	
(13-14)NO	Terminals description ISO n°2	(11-12)NC
Product weight 0.65 kg	Terminal identifier	
	Product weight	0.65 kg

#### Offer Sustainability

Circularity Profile WEEE	No need of specific recycling operations  The product must be disposed on European Union markets following specific waste collection and	
Circularity Drofile	No need of anotific very aline anotations	
Environmental Disclosure	Product Environmental Profile	
China RoHS Regulation	China RoHS declaration	
RoHS exemption information	Yes	
Mercury free	Yes	
Toxic heavy metal free	Yes	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
REACh free of SVHC	Yes	
Sustainable offer status	Green Premium product	
•		

## Contractual warranty

Warranty	18 months