Specifications





Harmony XAC, Single contact block, spring return, 2-speed, spring return, front mounting, 2 NO + 1 NC

XENG1191

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V
without cable end with cable end
to IEC 60947-5-1 appendix A ng to IEC 60947-5-1 appendix A ning to IEC 60947-5-1 appendix A ng to IEC 60947-5-1 appendix A
60947-1

Main

Range of product	Harmony XAC	
Product or component type	Contact block	
Component name	XENG	
Electrical circuit type	Control circuit	
Contact block application	2-speed	
Contact block type	Single	
Type of operator	Spring return	
Product compatibility	XACA XACA9head	
Contacts type and composition	1 NC + 2 NO	
Mounting of block	Front mounting	
Contact operation	Slow-break Staggered	

Complementary					
Connections - terminals	Screw clamp terminals, 1 x 0.51 x 2.5 mm ² without cable end Screw clamp terminals, 1 x 0.52 x 1.5 mm ² with cable end				
Mechanical durability	1000000 cycles				
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 = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A				
[Ithe] conventional enclosed thermal current	10 A				
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to IEC 60947-1				
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1				
Maximum resistance across terminals	25 MOhm				
Operating force	18 N				
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

Environment Standards UL 508 ENVEC 09967-5-1 ENVELOPE 09967-5-1 ENVEL	Terminals description ISO n°1	(33-34)NO_CL
Standards UL 55% EMICE 00047-5-1 CSA C222 No 14 Ambient air temperature for operation Ambient air temperature for operation Ambient air temperature for storage 4070 °C Storage Vibration resistance 15 gn (fe 10500 Hz) conforming to IEC 80088-2.6 Shock resistance 100 gn conforming to IEC 80088-2.6 Shock resistance 100 gn conforming to IEC 80088-2.7 Overvoltage category Cliass II conforming to IEC 61140 Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 4 20 g Package 1 Height 3 on Package 1 Length 5.5 om Unit Type of Package 2 Nomber of Units in Package 2 Nomber of Units in Package 2 Nomber of Units in Package 2 Package 2 Height 4 55 on Package 2 Height 4 50 on Package 2 Weight 4 50 on Package 2 Height 5 on Package 2 Height 77 on Package 3 Weight 81 3 48 4 Package 3 Weight 87 on Package 3 Jength 50 on Offer Sustainability Sustainable offer status Cree Frenium product REACh free of SVHC EU RoHS Directive Pc-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Pc-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Pc-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Mercury free	Net weight	0.04 kg
ENERGE 60847-5-1 CSA 0722 2-No 14 Ambient air temperature for opporation -2570 °C opporation Ambient air temperature for storage 4070 °C storage Vibration resistance 15 gn (*= 10500 Hz) conforming to IEC 60088-2-6 Shock resistance 100 gn conforming to IEC 60088-2-7 Overvoltage category Class II conforming to IEC 61140 Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 Package 1 Height 42.0 g Package 1 Height 4 cm Package 1 Height 5.5 cm Unit Type of Package 2 Number of Units in Package 3 Number of Units in Package 3 Number of Units in Package 3 Package 2 Height 40 cm Package 2 Height 55 cm Package 2 Height 56 cm Package 3 Weight 77 cm Package 3 Weight 81,3 kg Package 3 Weight 82,4 kg Package 3 Weight 83,5 kg Package 3 Weight 84,5 kg Package 3 Weight 85,5 kg Package 4 Weight 86,5 kg Package 4 Weight 87,5 kg Package 5 Weight 88,6 kg Package 6 Weight 88,6 kg Package 7 Weight 88,6 kg Package 8 Weight 88,6 kg Re 8,6 kg Re 8,8 kg R	Environment	
Ambient air temperature for storage 4070 °C storage Storage 500 Storage 4070 °C storage 500 Stor	Standards	EN/IEC 60947-5-1
Vibration resistance 15 gn (= 10500 Hz) conforming to IEC 60068-2-4 Shock resistance 100 gn conforming to IEC 60068-2-27 Overvoltage category Class II conforming to IEC 61140 Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 Package 1 Weight 42.0 g Package 1 Weight A cm Package 1 Weight 5.5 cm Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Length 4.55 kg Package 2 Height 15 cm Package 2 Height 15 cm Package 2 Weight 40 cm Unit Type of Package 3 Pos Number of Units in Package 4 Pos Number of Un	Ambient air temperature for operation	-2570 °C
Shock resistance 100 gn conforming to IEC 60088-2-27 Overvoltage category Class II conforming to IEC 61140 Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 42.0 g Package 1 Height 3.cm Package 1 Height 5.5 cm Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Weight 4.56 kg Package 2 Height 15 cm Package 2 Height 15 cm Package 2 Height 15 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 4 P06 Number of Uni	Ambient air temperature for storage	-4070 °C
Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 42.0 g Package 1 Height 3 cm Package 1 width 4 cm Package 1 Length 5.5 cm Unit Type of Package 2 802 Number of Units in Package 2 100 Package 2 Weight 15 cm Unit Type of Package 2 100 Package 2 Weight 4.55 kg Package 2 Height 15 cm Package 2 Height 15 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81,3 kg Package 3 Weight 81,3 kg Package 3 Height 77 cm Package 3 Weight 80 cm Package 3 Weight 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Provided REACH Regulation REACH free of SVHC Yes EU ROHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Yes Mercury free Yes	Vibration resistance	15 gn (f= 10500 Hz) conforming to IEC 60068-2-6
Packing Units Unit Type of Package 1 Number of Units in Package 1 Package 1 Weight Package 1 Height Package 1 Height Package 1 Height Package 1 Height Package 1 Length Package 2 Su2 Number of Units in Package 2 Number of Units in Package 2 Package 2 Weight Package 2 Weight Package 2 Height Package 3 Height Package 3 Weight Package 3 Weight Package 3 Height Package 3 Height Package 3 Weight Package 3 Weight Package 3 Weight Package 3 Height Package 4 Height Package 4 Height Package 5 Height Package 6 Height Package 6 Height Package 7 Height Package 8 Height Package 9 Height Pack	Shock resistance	100 gn conforming to IEC 60068-2-27
Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 42.0 g Package 1 Height 3 cm Package 1 width 4 cm Package 1 width 4 cm Package 1 Length 5.5 cm Unit Type of Package 2 802 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Weight 15 cm Package 2 Height 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 P06 Reachage 3 Weight 81.3 kg Package 3 Weight 80 cm Package 3 Weight 80 cm Package 3 Weight 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Groon Pformium product REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Yes Mercury free Yes	Overvoltage category	Class II conforming to IEC 61140
Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Weight 42.0 g Package 1 Height 3 cm Package 1 width 4 cm Package 1 width 4 cm Package 1 Length 5.5 cm Unit Type of Package 2 802 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Weight 15 cm Package 2 Height 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 P06 Reachage 3 Weight 81.3 kg Package 3 Weight 80 cm Package 3 Weight 80 cm Package 3 Weight 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Groon Pformium product REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Yes Mercury free Yes	Packing Units	
Package 1 Height 42.0 g Package 1 Height 3 cm Package 1 Length 5.5 cm Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Weight 15 cm Package 2 Height 30 cm Package 2 Height 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 Height 77 cm Package 3 Length 80 cm Package 3 Length 80 cm Package 3 Length Package 3 Foe cm Package 3 Height 77 cm Package 3 Length 80 cm Package 3 Length 80 cm Package 3 Length Package 3 Foe cm Package 3 Length Package 3 Foe cm Package 3 Length Pac	Unit Type of Package 1	PCE
Package 1 Height 3 cm Package 1 width 4 cm Package 1 Length 5.5 cm Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Weight 15 cm Package 2 Height 30 cm Package 2 vidth 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 Height 77 cm Package 3 Length 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Yes Mercury free Yes Mercury free Yes RoHS exemption information Yes	Number of Units in Package 1	1
Package 1 Length 5.5 cm Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Height 15 cm Package 2 Height 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 Weight 80 cm Package 3 Units in Package 3 P0 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh Green G SVHC Yes EU ROHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes Mercury free Yes ROHS exemption information Yes	Package 1 Weight	42.0 g
Package 1 Length 5.5 cm Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Height 15 cm Package 2 width 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81,3 kg Package 3 Weight 81,3 kg Package 3 Weight 81,3 kg Package 3 Weight 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh free of SVHC Yes EU ROHS Directive Pro-active compliance (Product out of EU ROHS legal scope) EU ROHS Declaration Toxic heavy metal free Yes Mercury free Yes Mercury free Yes ROHS exemption information Yes	Package 1 Height	3 cm
Unit Type of Package 2 S02 Number of Units in Package 2 100 Package 2 Weight 4.55 kg Package 2 Height 15 cm Package 2 width 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Weight 77 cm Package 3 Height 77 cm Package 3 Length 80 cm Package 3 Length 80 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation AENCh Declaration REACh free of SVHC Yes EU ROHS Directive Pro-active compilance (Product out of EU RoHS legal scope) EU ROHS Directive Yes Mercury free Yes Mercury free Yes RoHS exemption information Yes	Package 1 width	4 cm
Number of Units in Package 2 Package 2 Weight 4.55 kg Package 2 Height 15 cm Package 2 width 30 cm Package 2 Length 40 cm Unit Type of Package 3 Po6 Number of Units in Package 3 Package 3 Weight 81.8 kg Package 3 Weight 77 cm Package 3 Height 77 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Yes Mercury free Yes RoHS exemption information Yes	Package 1 Length	5.5 cm
Package 2 Weight 4.55 kg Package 2 Height 15 cm Package 2 width 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 Height 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes ROHS exemption information Yes	Unit Type of Package 2	S02
Package 2 Height 15 cm Package 2 width 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 Height 77 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes ReACH Sexemption information Yes	Number of Units in Package 2	100
Package 2 width 30 cm Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81,3 kg Package 3 Height 77 cm Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes ReACH segunding Ness Sustainable of EU RoHS legal scope) For active to the EU RoHS pectaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 2 Weight	4.55 kg
Package 2 Length 40 cm Unit Type of Package 3 P06 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 2 Height	15 cm
Unit Type of Package 3 Number of Units in Package 3 1600 Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 2 width	30 cm
Number of Units in Package 3 1600 Package 3 Weight 81,3 kg Package 3 Height 77 cm Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 2 Length	40 cm
Package 3 Weight 81.3 kg Package 3 Height 77 cm Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACH Regulation REACH free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Unit Type of Package 3	P06
Package 3 Height 77 cm Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACH Regulation REACH Declaration REACH free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Number of Units in Package 3	1600
Package 3 width 80 cm Package 3 Length 60 cm Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 3 Weight	81.3 kg
Offer Sustainability Sustainable offer status REACh Regulation REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 3 Height	77 cm
Offer Sustainability Sustainable offer status Green Premium product REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 3 width	80 cm
Sustainable offer status REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes	Package 3 Length	60 cm
Sustainable offer status REACh Regulation REACh Declaration REACh free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes		X. /
REACh Regulation REACh Free of SVHC Yes EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes		
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Toxic heavy metal free Yes Mercury free Yes RoHS exemption information Yes		
Mercury free Yes RoHS exemption information Yes	EU RoHS Directive	
RoHS exemption information Yes	Toxic heavy metal free	Yes
	Mercury free	Yes
China RoHS Regulation China RoHS declaration	RoHS exemption information	Yes
	China RoHS Regulation	China RoHS declaration

Environmental Disclosure	Product Environmental Profile The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins		
WEEE			
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov		

Contractual warranty

Warranty 18 months

