

Product data sheet

Specifications



Double contact block, Harmony XAC, spring return, 2 speed, snap action, 2NO+1 CO

XESD1291

Main

Range of product	Harmony XAC
Product or component type	Contact block
Component name	XESD
Electrical circuit type	Power circuit
Contact block application	2-speed
Contact block type	Double
Type of operator	2 spring return
Product compatibility	XACB
Mechanical interlocking	With mechanical interlocking
Contacts type and composition	2 NO + 1 C/O
Poles description	2-pole
Mounting of block	Front mounting
Contact operation	Snap action Staggered

Complementary

Connections - terminals	Screw clamp terminals, 1 x 2.5 mm² with or without cable end Screw clamp terminals, 2 x 1.5 mm² with or without cable end
Horizontal fixing centres	40 mm
Mechanical durability	500000 cycles 1000000 cycles
[Ithe] conventional enclosed thermal current	12 A
[UI] rated insulation voltage	600 V conforming to CSA
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Operating force	17 N
Short-circuit protection	10 A fuse protection by cartridge fuse type aM
Rated operational power in W	2200 W AC-3 at 240 V conforming to IEC 60947-3 appendix A 2200 W AC-4 at 400 V conforming to IEC 60947-3 appendix A
Rated power in hp	2 hp at 240 V, CSA certified 3 hp at 600 V, CSA certified 5 hp at 400 V, CSA certified

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical durability	300000 cycles AC-3, 2200 W at 240 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 300000 cycles AC-3, 2200 W at 400 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 300000 cycles AC-4, 2200 W at 240 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 300000 cycles AC-4, 2200 W at 400 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 500000 cycles AC-3, 1500 W at 240 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 500000 cycles AC-4, 1500 W at 240 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 800000 cycles AC-3, 1500 W at 400 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A 800000 cycles AC-4, 1500 W at 400 V, operating rate <10 cyc/mn, load factor = 0.4 conforming to IEC 60947-3 appendix A
Terminals description ISO n°1	(13-14)NO B (23-24)NO (51-52-54)OC
Terminals description ISO n°2	B (43-44)NO (61-62-64)OC (33-34)NO
Terminal identifier	(13-14)NO (11-12)NC
Product weight	0.19 kg

Environment

Standards	IEC 60947-3 CSA C22.2 No 14 IEC 60947-3
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	15 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	100 gn conforming to IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 61140

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 cm
Package 1 Width	7.000 cm
Package 1 Length	9.000 cm
Package 1 Weight	188.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	42
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.292 kg
Unit Type of Package 3	P06
Number of Units in Package 3	336

Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	74.336 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)


[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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

Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins