

# Product datasheet

Specifications



Double contact block, Harmony  
XAC, spring return, front mounting,  
2 speed CO+N O staggered

XESD1281

## Main

Range Of Product	Harmony XAC
Product Or Component Type	Contact block
Component Name	XESD
Electrical Circuit Type	Control circuit
Contact Block Application	2-speed
Contact Block Type	Double
Type Of Operator	2 spring return
Product Compatibility	XACB XACM
Mechanical Interlocking	With mechanical interlocking
Contacts Type And Composition	1 C/O + 1 NO
Mounting Of Block	Front mounting
Contact Operation	Staggered Snap action

## 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
Mechanical Durability	1000000 cycles
Contact Code Designation	A300 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A Q300 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A
[Ithe] Conventional Enclosed Thermal Current	10 A
[Ui] Rated Insulation Voltage	500 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	15 N 25 N
Short-Circuit Protection	10 A fuse protection by cartridge fuse type gG
Rated Operational Power In W	140 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 140 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 95 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

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

Rated Operational Power In Va	100 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 48 V 50/60 Hz, load factor = 0.5 (inductive load) 450 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load) 50 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 24 V 50/60 Hz, load factor = 0.5 (inductive load) 750 VA AC-15 for 1000000 cycles, operating rate <60 cyc/mn at 230 V 50/60 Hz, load factor = 0.5 (inductive load)
Terminals Description Iso N°1	B (33-34)NO_CL (13-14-11-12)OF
Terminals Description Iso N°2	(43-44)NO_CL (23-24-21-22)OF B
Terminal Identifier	(13-14)NO (11-12)NC
Net Weight	0.19 kg

## Environment

Standards	CSA C22.2 No 14 IEC 60947-5-1 EN 60947-5-1
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	7.0 cm
Package 1 Width	7.0 cm
Package 1 Length	9.0 cm
Package 1 Weight	185.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	42
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.358 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation		<a href="#">REACH Declaration</a>
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation		<a href="#">China RoHS declaration</a>
Weee		The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Performance Curves

Rated Operational Power

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AC Supply 50/60 Hz

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in VA for 1 million operating cycles, AC-15 utilization category

Voltage	V	24	48	127	230
Inductive circuit	W	50	100	450	750

DC Supply

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in W for 1 million operating cycles, DC-13 utilization category

Voltage	V	24	48	120
Inductive circuit	W	140	140	95