

Main

Commercial Status	Commercialised
Range of product	Harmony XAC
Product or component type	Contact block
Component name	XENB
Electrical circuit type	Control circuit
Contact block application	2-speed
Contact block type	Single
Type of operator	Spring return
Product compatibility	XACB XACM
Mechanical interlocking	Without mechanical interlock
Contacts type and composition	1 C/O + 1 NO
Mounting of block	Front mounting
Contacts operation	Slow-break Staggered

Complementary

Connections - terminals	Screw clamp terminals, connection capacity: 2 x 1.5 mm ² with or without cable end Screw clamp terminals, connection capacity: 1 x 2.5 mm ² with or without cable end
Mechanical durability	1000000 cycles
Contact code designation	Q300 DC-13, U _e = 250 V, I _e = 0.27 A conforming to IEC 60947-5-1 appendix A A300 AC-15, U _e = 240 V, I _e = 3 A conforming to IEC 60947-5-1 appendix A
[I _{th}] conventional enclosed thermal current	10 A
[U _i] rated insulation voltage	400 V (degree of pollution: 3) conforming to IEC 60947-1
[U _{imp}] rated impulse withstand voltage	6 kV conforming to IEC 60947-1
Resistance across terminals	<= 25 MOhm
Short circuit protection	10 A fuse protection by cartridge fuse type gG
Rated operational power in W	48 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 35 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 31 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
Rated operational power in VA	680 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 230 V 50/60 Hz, load factor = 0.5 (inductive load) 640 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load) 210 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 48 V 50/60 Hz, load factor = 0.5 (inductive load) 140 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 24 V 50/60 Hz, load factor = 0.5 (inductive load)
Terminals description ISO n°1	(13-14-31-32)OF (23-24)NO_CL
Terminal identifier	(11-12)NC (13-14)NO
Product weight	0.05 kg

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Environment

Standards	CSA C22-2 No 14 EN 60947-5-1 IEC 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

Contractual warranty

Period	18 months
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Rated Operational Power

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	140	210	640	680

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	48	31	35