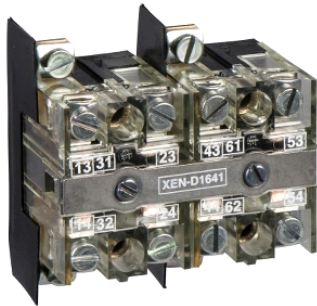


# XEND1641

spring return contact block - 1 OC + 1 NO - front mounting, 30 mm centres



## Main

Range of product	Harmony XAC
Product or component type	Contact block
Component name	XEND
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	Slow-break Staggered

## Complementary

Connections - terminals	Screw clamp terminals, connection capacity: 1 x 2.5 mm <sup>2</sup> with or without cable end Screw clamp terminals, connection capacity: 2 x 1.5 mm <sup>2</sup> with or without cable end
Mechanical durability	1000000 cycles
Contact code designation	A300 AC-15, U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A conforming to IEC 60947-5-1 appendix A Q300 DC-13, U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.27 A conforming to IEC 60947-5-1 appendix A
[I <sub>th</sub> e] conventional enclosed thermal current	10 A
[U <sub>i</sub> ] rated insulation voltage	400 V (degree of pollution: 3) conforming to IEC 60947-1
[U <sub>imp</sub> ] 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	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 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 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
Rated operational power in VA	140 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 24 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) 640 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load) 680 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	(13-14-31-32)OF (23-24)NO_CL B
Terminals description ISO n°2	(43-44-61-62)OF (53-54)NO_CL B
Terminal identifier	(11-12)NC (13-14)NO
Product weight	0.11 kg

## Environment

standards	EN 60947-5-1 IEC 60947-5-1 CSA C22.2 No 14
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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

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