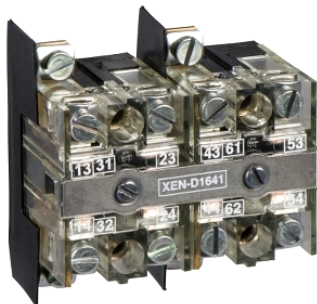


## XEND1631

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     | Single speed                 |
| Contact block type            | Double                       |
| Type of operator              | 2 spring return              |
| Product compatibility         | XACB<br>XACM                 |
| Mechanical interlocking       | With mechanical interlocking |
| Contacts type and composition | 1 C/O + 1 NO                 |
| Mounting of block             | Front mounting               |
| Contact operation             | Slow-break                   |

### Complementary

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals                                   | Screw clamp terminals, connection capacity: 1 x 2.5 mm <sup>2</sup> with or without cable end<br>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<br>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>the</sub> ] 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<br>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<br>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)<br>210 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 48 V 50/60 Hz, load factor = 0.5 (inductive load)<br>640 VA AC-15 for 1000000 cycles, operating rate = 60 cyc/mn at 127 V 50/60 Hz, load factor = 0.5 (inductive load)<br>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<br>(23-24)NO<br>B                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Terminals description ISO n°2                             | (43-44-61-62)OF<br>(53-54)NO<br>B                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Terminal identifier                                       | (11-12)NC<br>(13-14)NO                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product weight                                            | 0.11 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### Environment

|           |                                                  |
|-----------|--------------------------------------------------|
| standards | EN 60947-5-1<br>IEC 60947-5-1<br>CSA C22.2 No 14 |
|-----------|--------------------------------------------------|

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                                       |                                                     |
|---------------------------------------|-----------------------------------------------------|
| 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 |
|-----------------|-----------|

## 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  |