ZB4BZ1029





Main

Range of product	Harmony XB4
Product or component type	Complete body/contact assembly
Device short name	ZB4
Fixing collar material	Zamak
Sale per indivisible quantity	1
Head type	Standard
Contacts type and composition	1 NC
Contact operation	Slow-break
Contact block type	Single
Device composition	Fixing collar Contact block
Connections - terminals	Screw clamp terminals: <= 2 x 1.5 mm ² with cable end conforming to EN 60947-1 Screw clamp terminals: >= 1 x 0.22 mm ² without cable end conforming to EN 60947-1

Complementary

conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate: <= 3600 cyc/h, load factor conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-1	- Complementary	
CAD overall depth 1.46 in (37 mm) Terminals description ISO n°1 (11-12)NC Product weight 0.14 lb(US) (0.064 kg) Contacts usage Standard contacts Positive opening With positive opening conforming to EN/IEC 60947-5-1 appendix K Operating travel 0.06 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.1 in (4.3 mm) (total travel) Operating torque 0.44 lbf. in (0.05 N.m) (NO changing electrical state) Mechanical durability 5000000 cycles Contacts material Silver alloy (Ag/NI) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ith] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Iump] rated impulse withstand voltage 4 kV conforming to EN 60947-1 [Ie] rated operational current 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.00000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: conformin	CAD overall width	1.18 in (30 mm)
Terminals description ISO n°1 (11-12)NC Product weight 0.14 lb(US) (0.064 kg) Contacts usage Standard contacts Positive opening With positive opening conforming to EN/IEC 60947-5-1 appendix K Operating travel 0.06 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.17 in (4.3 mm) (total travel) Operating torque 0.44 lbf.in (0.05 N.m) (NO changing electrical state) Mechanical durability 5000000 cycles Contacts material Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ith] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Ie] rated operational current 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 GA at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 O.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A300 conforming to EN/IEC 60947-5-1 O.22 A at 125 V, DC-13, A3 at 24 V, Operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C Ontomore of the EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, O.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000	CAD overall height	1.85 in (47 mm)
Product weight O.14 lb(US) (0.064 kg) Standard contacts Positive opening With positive opening conforming to EN/IEC 60947-5-1 appendix K Operating travel O.6 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.17 in (4.3 mm) (total travel) Operating torque 0.44 lbf.in (0.05 N.m) (NO changing electrical state) Mechanical durability 5000000 cycles Contacts material Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uij rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.2 Conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: ocnforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3. A at 24 V, operating rate: <= 3600 cyc/h, load factor: ocnforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3. A at 24 V, operating rate: <= 3600 cyc/h, load factor: ocnforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3. A at 24 V, operating rate: <= 3600 cyc/h, load factor: ocnforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3. A at 24 V, operating rate: <= 3600 cyc/h, load factor: ocnforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3	CAD overall depth	1.46 in (37 mm)
Contacts usage Standard contacts Positive opening With positive opening conforming to EN/IEC 60947-5-1 appendix K Operating travel 0.06 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.17 in (4.3 mm) (total travel) Operating torque 0.44 lbf.in (0.05 N.m) (NO changing electrical state) Mechanical durability 5000000 cycles Contacts material Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-5-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 3 A at 240 V, Ac-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.25 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.26 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.27 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.28 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.29 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20 A at 125 V, DC-13, R300 conforming to	Terminals description ISO n°1	(11-12)NC
Positive opening With positive opening conforming to EN/IEC 60947-5-1 appendix K Operating travel 0.06 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.17 in (4.3 mm) (total travel) Operating torque 0.44 lbf. in (0.05 N.m) (NO changing electrical state) Mechanical durability 5000000 cycles Contacts material Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Uii] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 10.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 Electrical durability 1000000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 10 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 10 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 100	Product weight	0.14 lb(US) (0.064 kg)
Operating travel 0.06 in (1.5 mm) (NC changing electrical state) 0.1 in (2.6 mm) (NO changing electrical state) 0.17 in (4.3 mm) (total travel) Operating torque 0.44 lbf.in (0.05 N.m) (NO changing electrical state) Mechanical durability 5000000 cycles Contacts material Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.00000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 000000 cycles, DC-13, 0.15 A at 17 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 000000 cycles, DC-13, 0.15 A at 10 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 000000 cycles, DC-13, 0.15 A at 10 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 000000 cycles, DC-13, 0.15 A at 10 V, operating rate: <= 3600 cyc/h, load factor:	Contacts usage	Standard contacts
Operating torque 0.44 lbf. in (0.05 N.m) (NO changing electrical state) Mechanical durability 500000 cycles Contacts material Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-5-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 [Uimp] rated operational current 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.20000 cycles, AC-15, 1.5 A at 230 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-1 A 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-1 A 10exp(-6) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 appendix C	Positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K
Mechanical durability Source alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 [le] rated operational current 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 1000000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-1 appendix C	Operating travel	0.1 in (2.6 mm) (NO changing electrical state)
Silver alloy (Ag/Ni) Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 [Ie] rated operational current 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 Electrical durability 1000000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C Electrical reliability 1 A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in	Operating torque	0.44 lbf.in (0.05 N.m) (NO changing electrical state)
Short-circuit protection 4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1 [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN 60947-1 [Ie] rated operational current 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 Electrical durability 1000000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: onforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: onforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: onforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: onforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate: <= 3600 cyc/h, load factor: onforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-1 A < 10exp(-8) at 17 V, 5 mA in clea	Mechanical durability	5000000 cycles
[Ith] conventional free air thermal current 10 A conforming to EN/IEC 60947-5-1	Contacts material	Silver alloy (Ag/Ni)
Uij rated insulation voltage 250 V (degree of pollution: 3) conforming to EN 60947-1	Short-circuit protection	4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
Uimp] rated impulse withstand voltage	[lth] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
Section Sect	[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN 60947-1
6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 1000000 cycles, AC-15, 1 A at 230 V, operating rate: <= 3600 cyc/h, load factor: conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA	[Uimp] rated impulse withstand voltage	4 kV conforming to EN 60947-1
conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate: <= 3600 cyc/h, load factor conforming to EN/IEC 60947-5-1 appendix C Electrical reliability A < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5 A < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5	[le] rated operational current	6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1
Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-	Electrical durability	1000000 cycles, AC-15, 1.5 A at 120 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A at 110 V, operating rate: <= 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A at 24 V, operating rate: <= 3600 cyc/h, load factor: 0.5
<u>Customizable</u> No	Electrical reliability	Λ < 10exp(-6) at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 Λ < 10exp(-8) at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4
	Customizable	No
Compatibility code ZB4	Compatibility code	ZB4

Environment

protective treatment	TH
ambient air temperature for storage	-40158 °F (-4070 °C)
ambient air temperature for operation	-13158 °F (-2570 °C)
IP degree of protection	IP20 conforming to IEC 60529
standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508 CSA C22.2 No 14
product certifications	BV CSA DNV GL LROS (Lloyds register of shipping) RINA UL
vibration resistance	5 gn (f = 2500 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0627 - Schneider Electric declaration of conformity	Compliant - since 0627 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Nickel compounds, which is known to the State of California to cause cancer, and	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.	eDi-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	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months