

Product data sheet

Specifications



Harmony, 22mm Push Button, add on contact block, 1 NC, screw clamp terminal

ZBE102

Product availability : Stock - Normally stocked in distribution facility

Price* : 16.40 USD

Main

| | |
|-------------------------------|--|
| Range of Product | Harmony XB4 Harmony XB5 |
| Product or Component Type | Contact block |
| Device short name | ZBE |
| Sale per indivisible quantity | 5 |
| IP degree of protection | IP20 IEC 60529 |
| Contact operation | Slow-break |
| Contact block type | Single |
| Contacts usage | Standard contacts |
| Connections - terminals | Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1 |

Complementary

| | |
|---|---|
| Net Weight | 0.02 lb(US) (0.011 kg) |
| Contacts type and composition | 1 NC |
| Positive opening | With EN/IEC 60947-5-1 appendix K |
| Operating travel | 0.06 in (1.5 mm) NC changing electrical state) 0.17 in (4.3 mm) total travel) |
| Operating force | 2 N NC changing electrical state |
| Mechanical durability | 10000000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1 |
| Shape of screw head | Cross pozidriv No 1 Slotted flat $\varnothing 4 \text{ mm}$ Slotted flat $\varnothing 5.5 \text{ mm}$ |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 10 A cartridge fuse gG EN/IEC 60947-5-1 |
| [Ith] conventional free air thermal current | 10 A EN/IEC 60947-5-1 |
| [Ui] rated insulation voltage | 600 V 3)EN 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 kV EN 60947-1 |
| [Ie] rated operational current | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 |

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1
 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1
 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1
 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1

| | |
|------------------------------|---|
| Electrical durability | 1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
|------------------------------|---|

| | |
|--------------------------|----------------|
| Mounting of block | Front mounting |
|--------------------------|----------------|

| | |
|------------------------------------|--|
| Electrical composition code | C1 9) C2 7) C3 6) C4 4) C5 5) C6 3) C7 4) C8 2) C9 3) C12 6) M1 6) M2 4) M3 4) M5 2) M6 2) M7 6) M8 4) M9 2) SF1 3) SF2 2) MF1 2) MF2 2) C10 2) M4 2) C13 1) |
|------------------------------------|--|

| | |
|----------------------------|---------------|
| Device presentation | Basic element |
|----------------------------|---------------|

Environment

| | |
|-----------------------------|----|
| Protective treatment | TH |
|-----------------------------|----|

| | |
|--|----------------------------|
| Ambient Air Temperature for Storage | -40...158 °F (-40...70 °C) |
|--|----------------------------|

| | |
|--|----------------------------|
| Ambient air temperature for operation | -40...158 °F (-40...70 °C) |
|--|----------------------------|

| | |
|------------------|---|
| Standards | EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 EN/IEC 60947-1 UL 508 EN/IEC 60947-5-4 JIS C8201-1 |
|------------------|---|

| | |
|-------------------------------|---|
| Product Certifications | CSA GOST BV DNV GL LROS (Lloyds register of shipping) CCC UL |
|-------------------------------|---|

| | |
|-----------------------------|-------------------------------|
| Vibration resistance | 5 gn 2...500 Hz)IEC 60068-2-6 |
|-----------------------------|-------------------------------|

| | |
|-------------------------|--|
| Shock resistance | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 |
|-------------------------|--|

Ordering and shipping details

| | |
|-----------------|---------------------------------------|
| Category | 22469-PUSHBUTTON,22MM ACCESSORIES-NEW |
|-----------------|---------------------------------------|

| | |
|--------------------------|-----|
| Discount Schedule | CS2 |
|--------------------------|-----|

| | |
|-------------|---------------|
| GTIN | 3389110089486 |
|-------------|---------------|

| | |
|------------------------------|---|
| Nbr. of units in pkg. | 1 |
|------------------------------|---|

| | |
|----------------------------|------------------|
| Package weight(Lbs) | 0.35 oz (10.0 g) |
|----------------------------|------------------|

| | |
|----------------------|-----|
| Returnability | Yes |
|----------------------|-----|

| | |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

Packing Units

| | |
|------------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.17 in (5.5 cm) |
| Package 1 width | 1.34 in (3.4 cm) |
| Package 1 Length | 2.13 in (5.4 cm) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Weight | 1.83 oz (52.0 g) |
| Package 2 Height | 2.20 in (5.6 cm) |
| Package 2 width | 1.69 in (4.3 cm) |
| Package 2 Length | 2.13 in (5.4 cm) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 6400 |
| Package 3 Weight | 179.18 lb(US) (81.276 kg) |
| Package 3 Height | 30.31 in (77.0 cm) |
| Package 3 width | 31.50 in (80.0 cm) |
| Package 3 Length | 23.62 in (60.0 cm) |

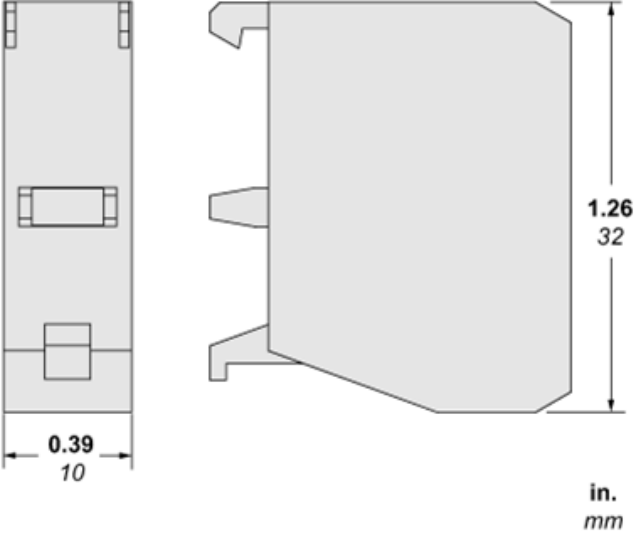
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Di-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 |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Approximate Dimensions



in.
mm