

XB5AS84W3B5

Harmony XB5, Antimicrobial Illuminated emergency stop, plastic, Ø22, trigger latching turn to release, white/red LED, 24 V AC/DC, 1 NO + 1 NC



Main

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| Range of Product | Harmony XB5 |
| Product or Component Type | Emergency stop push-button Emergency switching off push-button |
| Device short name | XB5 |
| Bezel material | Plastic |
| Fixing collar material | Plastic |
| Head type | Standard |
| Mounting diameter | 0.87 in (22 mm) |
| Sale per indivisible quantity | 1 |
| Local signalling | Red LED / white LED 24 V AC/DC |
| Light source | Protected LED |
| [Us] rated supply voltage | 24 V |
| Light source colour | White Red |
| Shape of signaling unit head | Round |
| Type of operator | Trigger action and mechanical latching |
| Reset | Turn to release |
| Operator profile | Red square 32 mm, IEC |
| Contact operation | Slow-break |
| Connections - terminals | Screw-clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with or without cable end EN 60947-1 Screw-clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ with or without cable end EN 60947-1 |
| Device presentation | Complete product |

Complementary

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| [Us] rated supply voltage | 24 V AC/DC 50/60 Hz |
| Height | 2.36 in (60 mm) |
| Width | 2.36 in (60 mm) |
| Depth | 3.35 in (85 mm) |
| Terminals description ISO n°1 | (1-2)NC (3-4)NO |
| Net Weight | 0.24 lb(US) (0.107 kg) |
| Electrical insulation class | Class II IEC 61140 |
| Resistance to high pressure washer | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m |
| Device mounting | Fixing hole 0.89 in (22.5 mm) +/- 0.2 mm Fixing hole 0.35 in (9 mm) +/- 0.5 mm |
| Fixing mode | Fixing nut +/- 0.2) |
| Contacts usage | Standard |
| Positive opening | With NC contact 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) |
| Mechanical durability | 300000 cycles |
| Tightening torque | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1 |

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| Shape of screw head | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| Contacts material | Silver alloy (Ag/Ni) |
| Short-circuit protection | 10 A cartridge fuse gG EN/IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A EN/IEC 60947-5-1 |
| [U _i] rated insulation voltage | 600 V 3)EN 60947-1 |
| Resistance to electrostatic discharge | 4 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2 |
| [U _{imp}] rated impulse withstand voltage | 6 kV EN/IEC 60947-1 |
| [I _e] 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 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 |
| Electrical reliability | $\Lambda < 10\exp(-6)$ 5 V, 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 17 V, 5 mA in clean environment EN/IEC 60947-5-4 |

Environment

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|---------------------------------------|---|
| 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) |
| IP degree of protection | IP66 IEC 60529 IP67 IEC 60529 IP69 IEC 60529 IP69K ISO 20653 Type 13 UL 50E Type 12 UL 50E Type 4 UL 50E Type 4X UL 50E |
| IK degree of protection | IK05 IEC 50102 |
| Standards | EN/IEC 60947-5-1 EN/IEC 60947-5-4 UL 508 ISO 21702 ISO 22196:2011 |
| Product Certifications | UL Listed CSA EAC CCC |
| Vibration resistance | 5 gn 10...500 Hz)IEC 60068-2-6 25 mm peak to peak 2...10 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 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 |

Ordering and shipping details

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| Category | 22467-PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule | CS2 |
| GTIN | 3606489745615 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 4.06 oz (115.0 g) |
| Returnability | No |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.76 in (7 cm) |
| Package 1 width | 2.76 in (7 cm) |
| Package 1 Length | 3.94 in (10 cm) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 40 |
| Package 2 Weight | 11.17 lb(US) (5.067 kg) |
| Package 2 Height | 11.81 in (30 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

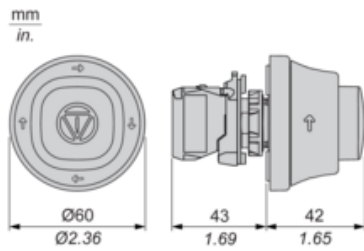
Offer Sustainability

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| Sustainable offer status | Green Premium product |
| 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. |

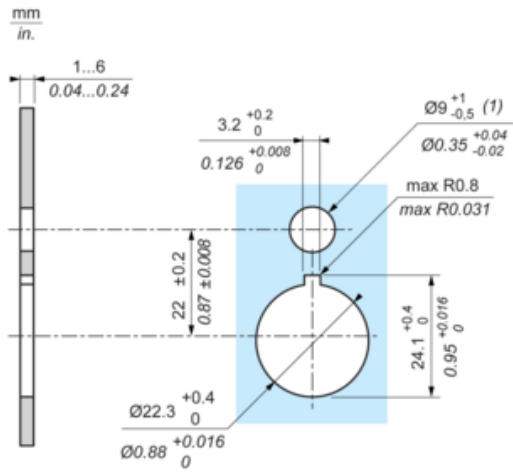
Contractual warranty

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| Warranty | 18 months |
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Dimensions

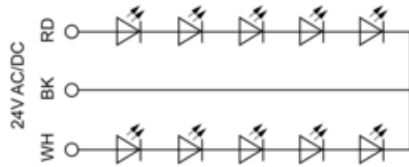


Mounting and Clearance



(1) : For IP X9 applications, the max recommendation dimension of hole is Ø9 mm/Ø0.35 in.

Wiring Diagram



RD : Red
BK : Black
WH : White