## Product data sheet

Specifications


Illuminated push button, Harmony XB5, plastic, flush, red, 22mm, plain lens for BA9s bulb, spring return, lower than 250V, $1 \mathrm{NO}+$ 1NC

XB5AW3465

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 99.00 USD

| Main |  |
| :---: | :---: |
| Range Of Product | Harmony XB5 |
| Product Or Component Type | Illuminated push-button |
| Device Short Name | XB5 |
| Bezel Material | Dark grey plastic |
| Fixing Collar Material | Plastic |
| Head Type | Standard |
| Mounting Diameter | 0.89 in (22.5 mm) |
| Sale Per Indivisible Quantity | 1 |
| Shape Of Signaling Unit Head | Round |
| Type Of Operator | spring return |
| Operator Profile | Red flush, unmarked |
| Operator Additional Information | With plain lens |
| Contacts Type And Composition | $1 \mathrm{NO}+1 \mathrm{NC}$ |
| Contact Operation | Slow-break |
| Connections - Terminals | Screw clamp terminals, $<=2 \times 1.5 \mathrm{~mm}^{2}$ with cable end IEC 60947-1 <br> Screw clamp terminals, $1 \times 0.22 \ldots 2 \times 2.5 \mathrm{~mm}^{2}$ without cable end IEC 60947-1 |
| Light Source | Bulb not included |
| Bulb Base | BA 9s |
| Light Block Supply | Direct <2.4 W |
| [Us] Rated Supply Voltage | < 250 V |
| Cap/Operator Or Lens Colour | Red |

Complementary

| Height | 1.65 in $(42 \mathrm{~mm})$ |
| :--- | :--- |
| Width | 1.18 in $(30 \mathrm{~mm})$ |
| Depth | 2.13 in $(54 \mathrm{~mm})$ |
| Terminals Description Iso $\mathrm{N}^{\circ} 1$ | $(13-14) \mathrm{NO}$ <br> $(21-22) \mathrm{NC}$ |
| Net Weight | $0.13 \mathrm{lb}(\mathrm{US})(0.057 \mathrm{~kg})$ |


| Resistance To High Pressure Washer | $1015.26 \mathrm{psi}(7000000 \mathrm{~Pa}) 131{ }^{\circ} \mathrm{F}\left(55^{\circ} \mathrm{C}\right) 0.1 \mathrm{~m}$ |
| :---: | :---: |
| Contacts Usage | Standard contacts |
| Positive Opening | With IEC 60947-5-1 appendix K |
| Operating Travel | 0.06 in ( 1.5 mm ) NC changing electrical state) 0.10 in ( 2.6 mm ) NO changing electrical state) 0.17 in ( 4.3 mm ) total travel) |
| Operating Force | 3.5 N NC changing electrical state $3.8 \mathrm{~N}$ |
| Mechanical Durability | 10000000 cycles |
| Tightening Torque | 7.08...10.62 Ibf.in (0.8...1.2 N.m) IEC 60947-1 |
| Shape Of Screw Head | Cross Philips no 1 <br> Cross pozidriv No 1 <br> Slotted flat $\varnothing 4 \mathrm{~mm}$ <br> Slotted flat Ø 5.5 mm |
| Contacts Material | Silver alloy ( $\mathrm{Ag} / \mathrm{Ni}$ ) |
| Short-Circuit Protection | 10 A cartridge fuse gG IEC 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A IEC 60947-5-1 |
| [Ui] Rated Insulation Voltage | 600 V 3)IEC 60947-1 |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV IEC 60947-1 |
| [le] Rated Operational Current | 3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1 |
| Electrical Durability | 1000000 cycles, AC-15, 2 A $230 \vee 3600$ cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A $120 \mathrm{~V} 3600 \mathrm{cyc} / \mathrm{h} 0.5$ IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A $110 \mathrm{~V} 3600 \mathrm{cyc} / \mathrm{h} 0.5$ IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A $24 \mathrm{~V} 3600 \mathrm{cyc} / \mathrm{h} 0.5$ IEC 60947-5-1 appendix C |
| Electrical Reliability | $\Lambda<10 \exp (-6) 5 \mathrm{~V}, 1 \mathrm{~mA}$ in clean environment IEC 60947-5-4 $\Lambda<10 \exp (-8) 17 \mathrm{~V}, 5 \mathrm{~mA}$ in clean environment IEC 60947-5-4 |
| Signalling Type | Steady |
| Device Presentation | Complete product |
| Environment |  |
| Protective Treatment | TH |
| Ambient Air Temperature For Storage | $-40 \ldots 158{ }^{\circ} \mathrm{F}\left(-40 \ldots 70^{\circ} \mathrm{C}\right)$ |
| Ambient Air Temperature For Operation | $-40 \ldots 131{ }^{\circ} \mathrm{F}\left(-40 \ldots 55^{\circ} \mathrm{C}\right)$ |
| Overvoltage Category | Class II IEC 60536 |
| Ip Degree Of Protection | IP66 IEC 60529 <br> IP69 <br> IP69K <br> IP67 |
| Nema Degree Of Protection | NEMA 13 NEMA 4X |
| Ik Degree Of Protection | IK05 conforming to IEC 50102 |


| Standards | IEC 60947-5-4 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-1 JIS C8201-5-1 UL 508 JIS C8201-1 |
| :---: | :---: |
| Product Certifications | UL Listed <br> CSA <br> BV <br> DNV <br> LROS (Lloyds register of shipping) <br> GL |
| Vibration Resistance | $5 \mathrm{gn} 2 \ldots 500 \mathrm{~Hz}$ )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 | US10CS222467 |
| Discount Schedule | 0CS2 |
| Gtin | 3389110904178 |
| Returnability | No |
| Country Of Origin | US |
| Packing Units |  |
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 1.38 in (3.500 cm) |
| Package 1 Width | 2.17 in (5.500 cm) |
| Package 1 Length | 3.35 in (8.500 cm) |
| Package 1 Weight | $1.95 \mathrm{oz}(55.400 \mathrm{~g})$ |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 55 |
| Package 2 Height | 5.91 in ( 15.000 cm ) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in ( 40.000 cm ) |
| Package 2 Weight | $7.26 \mathrm{lb}(\mathrm{US})(3.291 \mathrm{~kg})$ |

## Contractual warranty

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## Sustainability yiciren

Green Premium ${ }^{\text {TM }}$ label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- $\mathrm{CO}_{2}$ products.
Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.
Learn more about Green Premium >
Guide to assess a product's sustainability >


Transparency RoHS/REACh

Well-being performance


Mercury FreeRohs Exemption Information
Yes

## Certifications \& Standards

| Reach Regulation | REACh Declaration |
| :--- | :--- |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste | collection and never end up in rubbish bins.

## Circularity Profile

End of Life Information

California Proposition 65
WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Product data sheet

Dimensions Drawings
Dimensions

e: clamping thickness: 1 to $6 \mathrm{~mm} / 0.04$ to 0.24 in .

## Product data sheet

## Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board

(1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) Ø22.5 mm recommended $\left(\varnothing 22.3_{0}^{+0.4}\right) / \varnothing 0.89 \mathrm{in}$. recommended $\left(\varnothing 0.88 \mathrm{in} 0_{0}^{+0.016}\right)$

| Connections | a in mm | a in in. | b in mm | b in in. |
| :--- | :--- | :--- | :--- | :--- |
| By screw clamp terminals or plug-in connector | 40 | 1.57 | 30 | 1.18 |
| By Faston connectors | 45 | 1.77 | 32 | 1.26 |
| On printed circuit board | 30 | 1.18 | 30 | 1.18 |

## Detail of Lug Recess


(1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) $\varnothing 22.5 \mathrm{~mm}$ recommended $\left(\varnothing 22.3_{0}^{+0.4}\right) / \varnothing 0.89 \mathrm{in}$. recommended ( $\varnothing 0.88 \mathrm{in} .0^{+0.016}$ )


[^0]:    Warranty
    18 months

