

# Product datasheet

Specifications



Complete push button. Harmony XB4. Explosive atmosphere. pushbutton red with boot

XB4BP42GEX

**Price: 1,681.54 ZAR**

## Main

Range Of Product	Harmony XB4
Product Or Component Type	Complete push-button
Device Short Name	XB4
Bezel Material	Chromium plated metal
Fixing Collar Material	Zamak
Mounting Diamete	22 mm
Sale Per Indivisible Quantity	1
Dust Zone	Zone 21 - 22
Gas Zone	Zone 1 - 2
Type Of Operator	spring return
Operator Profile	Red projecting
Operator Additional Information	Booted (clear silicon)
Contacts Type And Composition	1 NC

## Complementary

Width	46.2 mm
Height	30 mm
Depth	72 mm
Net Weight	0.109 kg
Device Mounting	Fixing hole - diameter: 22.5 mm +/- 0.2 mm conforming to IEC 60947-1
Fixing Center	>= 30 x 40 mm (support panel) - thickness: 1...6 mm
Embedding Depth	58 mm
Marking	Ex db eb IIC Gb II 2 GD Ex tb IIIC Db
Shape Of Signaling Unit Head	Round
Contact Operation	Slow-break
Positive Opening	With
Operating Travel	1.688 mm (engagement point) 3.271 mm (changing state point) 4.424 mm (total travel)
Operating Force	2.873 N
Mechanical Durability	5000000 cycles

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Connections - Terminals</b>	Screw clamp terminals, 2 x 1.5 mm <sup>2</sup> with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm <sup>2</sup> without cable end conforming to IEC 60947-1
<b>Tightening Torque</b>	0.8...1.2 N.m conforming to IEC 60947-1
<b>[Ith] Conventional Free Air Thermal Current</b>	10 A conforming to IEC 60947-5-1
<b>[Uj] Rated Insulation Voltage</b>	415 V
<b>[Ie] Rated Operational Current</b>	1.9 A at 380 V, AC, A600 conforming to IEC 60947-5-1 3 A at 240 V, AC, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC, A600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC, Q300 conforming to IEC 60947-5-1 0.55 A at 125 V, DC, Q300 conforming to IEC 60947-5-1 2.87 A at 24 V, DC, Q300 conforming to IEC 60947-5-1

## Environment

<b>Protective Treatment</b>	TH
<b>Ambient Air Temperature For Storage</b>	-40...70 °C
<b>Ambient Air Temperature For Operation</b>	-20...75 °C
<b>Ip Degree Of Protection</b>	IP66 conforming to IEC 60529
<b>Standards</b>	IEC 60079-0:2009 EN/IEC 60079-1:2009 IEC 60079-7:2009 IEC 60079-31:2009 UL 60079-0 UL 60079-1 UL 60079-31 ANSI/ISA 12.12.01 CSA C22.2 No 213
<b>Product Certifications</b>	INERIS 04ATEX9004U

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	3.81 cm
<b>Package 1 Width</b>	12.7 cm
<b>Package 1 Length</b>	15.24 cm
<b>Package 1 Weight</b>	104.327 g

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

**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

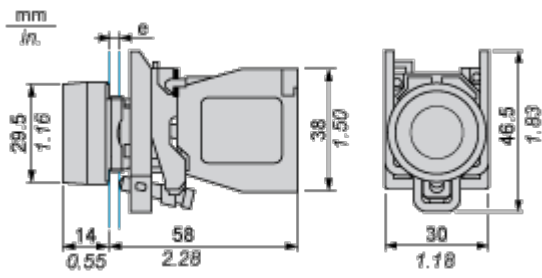
**Circularity Profile**

[End of Life Information](#)

Dimensions Drawings

Dimensions

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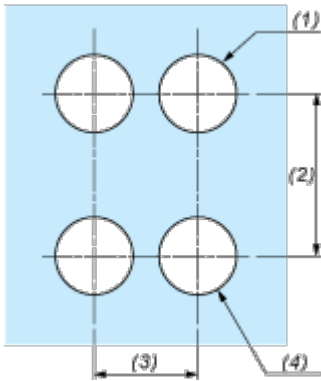


e : support thickness: 1 to 6 mm / 0.04 to 0.24 in.

## Mounting and Clearance

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

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**Connection by Screw Clamp Terminals**

- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4)  $\varnothing 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\varnothing 22.3 \text{ mm}_0^{+0.4} / 0.88 \text{ in.}_0^{+0.016})$