Product datasheet

Specifications



Push to test pilot light. Harmony XB4. Explosive atmosphere 24 240 V Red

XB4BW24BM5GEX

Price: 4,891.73 ZAR

Main

Range Of Product	Harmony XB4
Product Or Component Type	Push-to-test pilot light
Device Short Name	XB4
Bezel Material	Chromium plated metal

Complementary

Fixing Collar Material	Zamak
Mounting Diamete	22 mm
Sale Per Indivisible Quantity	1
Height	30 mm
Width	46.2 mm
Depth	72 mm
Net Weight	0.117 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	II 2 GD Ex db eb mb IIC Gb Ex tb IIIC Db
Shape Of Signaling Unit Head	Round
Cap/Operator Or Lens Colour	Red
Operator Additional Information	Booted (clear silicon)
Contacts Type And Composition	1 NO
Contact Operation	Slow-break
Positive Opening	Without
Operating Travel	1.657 mm (engagement point) 4.622 mm (changing state point) 4.452 mm (total travel)
Operating Force	3.962 N
Mechanical Durability	5000000 cycles
Connections - Terminals	Screw clamp terminals, 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm² without cable end conforming to IEC 60947-1
Tightening Torque	0.8…1.2 N.m conforming to IEC 60947-1
[Ui] Rated Insulation Voltage	415 V

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Ith] Conventional Free Air Thermal Current	10 A conforming to IEC 60947-5-1
[Ie] Rated Operational Current	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
Signalling Type	Steady
Light Source	Integral LED
[Us] Rated Supply Voltage	24...254 V AC/DC
Current Consumption	2...10 mA
Service Life	100000 h

Environment

Protective Treatment	TH
Ambient Air Temperature For Storage	-40…70 °C
Ambient Air Temperature For Operation	-20…75 °C
Overvoltage Category	I conforming to IEC 60536
Ip Degree Of Protection	IP66 conforming to IEC 60529
Standards	IEC 60079-0:2009 IEC 60079-7:2009 EN/IEC 60079-18:2009 IEC 60079-31:2009 UL 60079-0 UL 60079-18 UL 60079-31 ANSI/ISA 12.12.01 CSA C22.2 No 213
Product Certifications	INERIS 04ATEX9004U
Dust Zone	Zone 21 - 22
Gas Zone	Zone 1 - 2

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	3.0 cm
Package 1 Length	4.6 cm
Package 1 Weight	126.0 g

Sustainability

Green Premium^{TM} 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_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

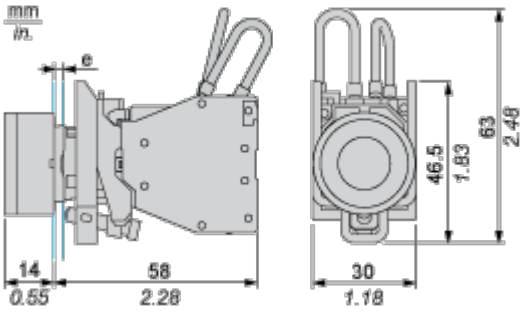
Mercury Free	
Rohs Exemption Information	Yes

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

Dimensions Drawings

Dimensions

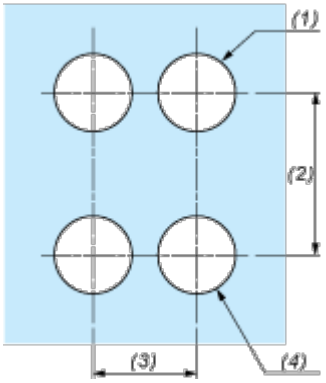


e : support thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

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

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) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_{0}^{+0.4}$ / 0.88 in. $_{0}^{+0.016}$)