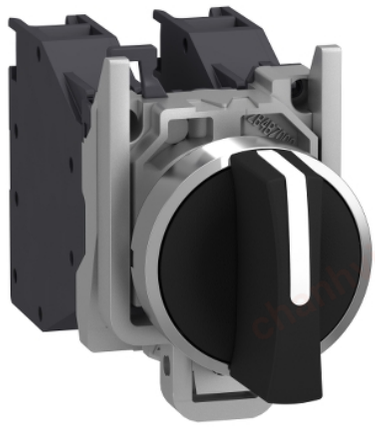
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Product data sheet
Characteristics

XB4BD53GEX
Explosive atmosphere - selector swith 3 positions spring return



Main

Range of product	Harmony XB4
Product or component type	Complete selector switch
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	0.87 in (22 mm)
Sale per indivisible quantity	1
Dust zone	Zone 21 - 22
Gas zone	Zone 1 - 2
Type of operator	To centre spring return
Operator profile	Black standard handle
Contacts type and composition	2 NO

Complementary

Maximum Width	1.82 in (46.2 mm)
Height	1.18 in (30 mm)
Depth	3.35 in (85 mm)
Net Weight	0.25 lb(US) (0.114 kg)
Device mounting	Fixing hole 0.89 in (22.5 mm) +/- 0.2 mm EN/IEC 60947-1
Fixing center	>= 30 x 40 mm support panel) 0.04…0.24 in (1…6 mm)
Embedding depth	2.28 in (58 mm)
Marking	Ex tb IIIC Db Ex db eb IIC Gb II 2 GD
Shape of signaling unit head	Round
Operator position information	3 positions +/- 45°
Contact operation	Slow-break
Contacts usage	Standard contacts
Positive opening	Without
Mechanical durability	5000000 cycles
Connections - terminals	Screw clamp terminals, 2 x 1.5 mm² with cable end EN/IEC 60947-1 Screw clamp terminals, 1 x 2.5 mm² without cable end EN/IEC 60947-1
Tightening torque	7.08…10.62 lbf.in (0.8…1.2 N.m) EN 60947-1
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1
[Ui] rated insulation voltage	415 V
[Ie] rated operational current	1.9 A 380 V, AC, A600 EN/IEC 60947-5-1 3 A 240 V, AC, A600 EN/IEC 60947-5-1 6 A 120 V, AC, A600 EN/IEC 60947-5-1 0.27 A 250 V, DC, Q300 EN/IEC 60947-5-1 0.55 A 125 V, DC, Q300 EN/IEC 60947-5-1 2.87 A 24 V, DC, Q300 EN/IEC 60947-5-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Protective treatment	TH
Ambient air temperature for storage	-40…158 °F (-40…70 °C)
Ambient air temperature for operation	-4…167 °F (-20…75 °C)
IP degree of protection	IP65 IEC 60529
Standards	EN/IEC 60079-0:2009 EN/IEC 60079-1:2009 EN/IEC 60079-7:2009 EN/IEC 60079-31:2009 UL 60079-0 UL 60079-1 UL 60079-31 ANSI/ISA 12.12.01 CSA C22.2 No 213
Product certifications	INERIS 04ATEX9004U

Ordering and shipping details

Category	22465 - PUSHBUTTONS, 22MM HAZ LOC
Discount Schedule	CS2
GTIN	03606489485733
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.35 in (8.5 cm)
Package 1 width	1.18 in (3 cm)
Package 1 Length	1.81 in (4.6 cm)

Offer Sustainability

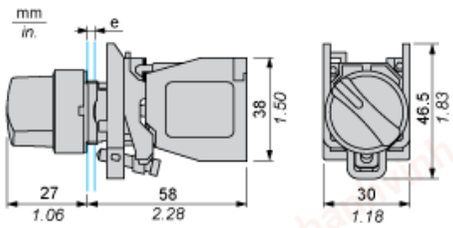
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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.

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Product data sheet
Dimensions Drawings

XB4BD53GEX

Dimensions



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

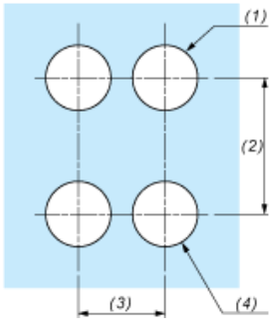
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Product data sheet
Mounting and Clearance

XB4BD53GEX

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. $_{0}^{+0.016}$)

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