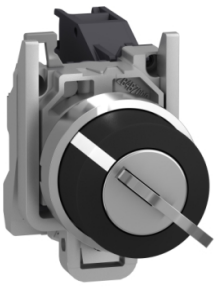
Product data sheet

Specifications



Key switch selector, Harmony XB4, metal, black, 22mm, key 455, 2 positions, stay put, 1 NO

XB4BG41

Product availability: Stock - Normally stocked in distribution facility

Price*: 123.00 USD

Main

Range of Product	Harmony XB4
Product or Component Type	Selector switch
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Mounting diameter	0.9 in (22.5 mm)
Sale per indivisible quantity	1
Head type	Standard
Shape of signaling unit head	Round
Type of operator	stay put
Operator profile	Black key switch
Operator position information	2 positions 90°
Contacts type and composition	1 NO
Contact operation	Slow-break
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1

Complementary

Height	1.9 in (47 mm)
Width	1.2 in (30 mm)
Depth	3.4 in (86 mm)
Terminals description ISO n°1	(13-14)NO
Net Weight	0.258 lb(US) (0.117 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Type of Keylock	Key 455
Key withdrawal position	In any position
Contacts usage	Standard contacts
Positive opening	Without
Torque value	1.24 lbf.in (0.14 N.m) NO changing electrical state
Mechanical durability	1000000 cycles

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Tightening torque	7.08…10.6 lbf.in (0.8…1.2 N.m) IEC 60947-1
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 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
[Ie] 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 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN 60947-5-1 appendix C
Electrical reliability	Λ < 10exp(-6) 5 V 1 mA in clean environment IEC 60947-5-4 Λ < 10exp(-8) 17 V 5 mA in clean environment IEC 60947-5-4
Device presentation	Complete product

Environment

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)
Overvoltage category	Class I conforming to IEC 60536
IP degree of protection	IP66 IEC 60529 IP69 IP69K IP67
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK06 with keyhole cover ZBGP conforming to IEC 50102
Standards	IEC 60947-5-1 IEC 60947-5-5 IEC 60947-5-4 CSA C22.2 No 14 IEC 60947-1 JIS C8201-5-1 UL 508 JIS C8201-1
Product Certifications	BV UL CSA DNV LROS (Lloyds register of shipping)
Vibration resistance	5 gn (f= 2…500 Hz) conforming to 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	US10CS222468
Discount Schedule	0CS2
GTIN	3389110887143
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.63 in (1.600 cm)
Package 1 Width	1.97 in (5.000 cm)
Package 1 Length	3.54 in (9.000 cm)
Package 1 Weight	5.326 oz (151.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.54 in (9.000 cm)
Package 2 Width	10.43 in (26.500 cm)
Package 2 Length	1.30 in (3.300 cm)
Package 2 Weight	26.631 oz (755.000 g)
Unit Type of Package 3	S02
Number of Units in Package 3	50
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	17.143 lb(US) (7.776 kg)

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**1**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**Bed7d55d-6f32-48a7-8ec9-40d3a2bd9383**
REACh Regulation	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**

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**

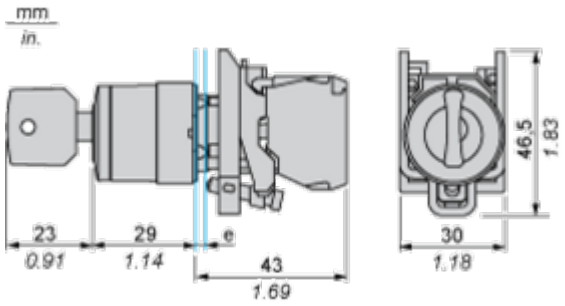
Use Again

Repack and remanufacture

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.**
Take-back	**No**

Dimensions Drawings

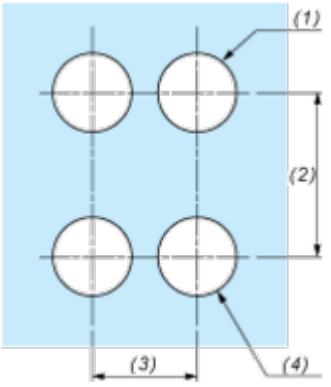
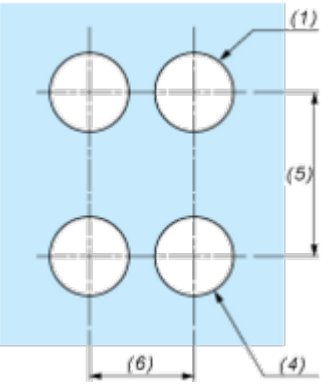
Dimensions



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

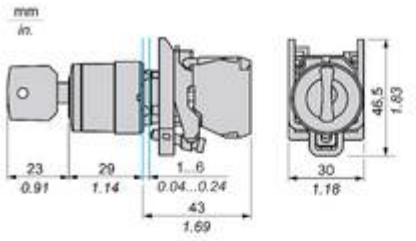
Mounting and Clearance

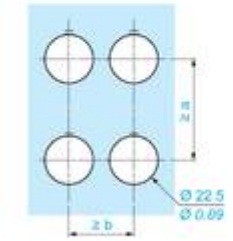
Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
	
(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. $_{0}^{+0.016}$) **(5)** 45 mm min. / 1.78 in. min. **(6)** 32 mm min. / 1.26 in. min.	

Technical Illustration

Dimensions

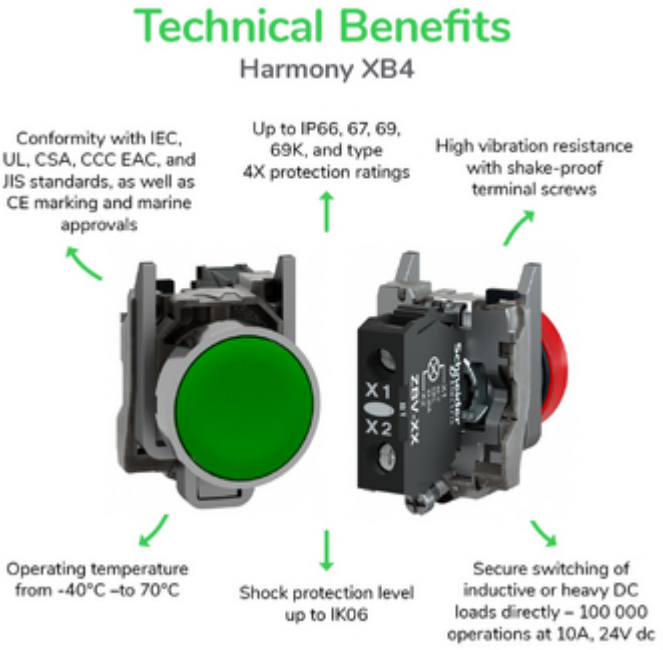




		a (mm)	a (in.)	b (mm)	b (in.)
ZBE●●●●●	ZBV●●●●	40	1.57	30	1.18
ZBE●●●●●3	ZBV●●●●3	45	1.77	32	1.26
ZBE●●●●●4	ZBV●●●●4	40	1.57	30	1.18
ZBE●●●●●5	ZBV●●●●5	50	1.97	30	1.18
ZBE●●●●●9	ZBV●●●●9	40	1.57	30	1.18
ZBRT●	ZBRV1	40	1.57	30	1.18

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative

Image of product in real life situation