



Illuminated selector switch, Harmony XB4, metal, green handle, 22mm, universal LED, 2 positions, 1NO + 1NC, 24V AC DC

XB4BK123B5

Product availability: Stock - Normally stocked in distribution facility

Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks

Price*: 119.00 USD

Main

Range of Product	Harmony XB4				
Product or Component Type	Illuminated selector switch				
Device short name	XB4				
Bezel material	Chromium plated metal				
Fixing collar material	Zamak				
Head type	Standard				
Mounting diameter	0.9 in (22.5 mm)				
Sale per indivisible quantity	1				
Shape of signaling unit head	Round				
Type of operator	stay put				
Operator profile	Green standard handle				
Operator position information	2 positions 90°				
Contacts type and composition	1 NO + 1 NC				
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				
Light source	Universal LED				
Bulb base	Integral LED				
[Us] rated supply voltage	24 V AC/DC 50/60 Hz				

Complementary

Height	1.9 in (47 mm)	
Width	1.2 in (30 mm)	
Depth	2.7 in (68 mm)	
Terminals description ISO n°1	(13-14)NO (21-22)NC	
Net Weight	0.245 lb(US) (0.111 kg)	
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m	

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

Contacts usage	Standard contacts			
Positive opening	With IEC 60947-5-1 appendix K			
Operating torque	1.24 lbf.in (0.14 N.m) NO changing electrical state			
Mechanical durability	1000000 cycles			
Tightening torque	7.0810.6 lbf.in (0.81.2 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			
[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 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			
Signalling type	Steady			
Supply voltage limits	19.230 V DC 21.626.4 V AC			
Current Consumption	18 mA			
Service life	100000 h at rated voltage and 25 °C			
Surge withstand	1 kV IEC 61000-4-5			
Device presentation	Complete product			
Environment				
Protective treatment	TH			

Protective treatment	ТН
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)
Electrical shock protection class	Class I IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK04 conforming to IEC 50102

Standards	IEC 60947-5-4 IEC 60947-1 UL 508 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-5 JIS C8201-5-1 JIS C8201-1			
Product Certifications	DNV LROS (Lloyds register of shipping) BV CSA UL			
Vibration resistance	5 gn 2500 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			
Resistance to fast transients	2 kV IEC 61000-4-4			
Resistance to electromagnetic fields	9.1 V/m (10 V/m) IEC 61000-4-3			
Resistance to electrostatic discharge	6 kV on contact (on metal parts) IEC 61000-4-2 8 kV in free air (in insulating parts) IEC 61000-4-2			
Electromagnetic emission	Class B IEC 55011			

Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3389110892192
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE			
Number of Units in Package 1	1			
Package 1 Height	1.339 in (3.400 cm)			
Package 1 Width	2.126 in (5.400 cm)			
Package 1 Length	3.425 in (8.700 cm)			
Package 1 Weight	2.892 oz (82.000 g)			
Unit Type of Package 2	S03			
Number of Units in Package 2	100			
Package 2 Height	11.811 in (30.000 cm)			
Package 2 Width	11.811 in (30.000 cm)			
Package 2 Length	15.748 in (40.000 cm)			
Package 2 Weight	25.325 lb(US) (11.487 kg)			
Unit Type of Package 3	P06			
Number of Units in Package 3	800			
Package 3 Height	29.528 in (75.000 cm)			
Package 3 Width	23.622 in (60.000 cm)			
Package 3 Length	31.496 in (80.000 cm)			

Package 3 Weight

227.085 lb(US) (103.004 kg)

Contractual warranty

Warranty

18 months



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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

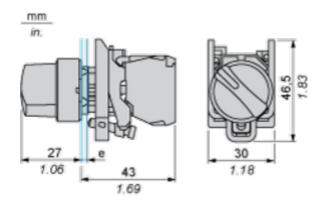
Yes

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			
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"			

Dimensions Drawings

Dimensions



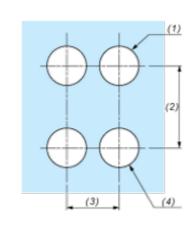
 \boldsymbol{e} : clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

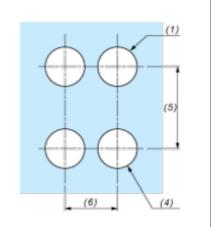
Mounting and Clearance

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

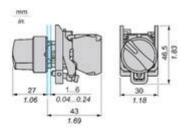


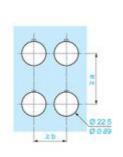


- (1) Diameter on finished panel or support
- (2) 40 mm min. / 1.57 in. min.
- (3) 30 mm min. / 1.18 in. min.
- (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $_0^{+0.4}$ / 0.88 in. $_0^{+0.016}$)
- (5) 45 mm min. / 1.78 in. min.
- (6) 32 mm min. / 1.26 in. min.

Technical Illustration

Dimensions





		a (mm)	a (m.)	p (mm)	D (80.)
Z8E	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
ZBE5	ZBV	50	1.97	30	1.18
Z8E9	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

Technical Benefits

Harmony XB4



Oct 26, 2024

Image of product / Alternate images

Alternative

