

ZB6E1D

Contact block, Harmony XB6, single for head Ø
16 1 NO gold flashed pins for PCB

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 13.40 USD



Main

Range of product	Harmony XB6
Product or Component Type	Contact block
Device short name	ZB6
Sale per indivisible quantity	10
Contacts type and composition	1 NO
Contact operation	Slow-break
Contact block type	Single
Connections - terminals	Pins for printed circuit board
Contacts material	Gold flashed (Ag/Ni/Au) contacts

Complementary

Terminals description ISO n°1	(3-4)NO
Product Weight	0.01 lb(US) (0.004 kg)
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	0.08 in (2 mm) NO changing electrical state) 0.14 in (3.5 mm) total travel)
Operating force	1.6 N NO changing electrical state
Mechanical durability	5000000 cycles
Short-circuit protection	6 A cartridge fuse gG
[Ui] rated insulation voltage	250 V 3)EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV EN/IEC 60947-1
[Ie] rated operational current	3 A 120 V, AC-15, B300 1.5 A 240 V, AC-15, B300 0.1 A 250 V, DC-13, R300 0.22 A 125 V, DC-13, R300
Electrical durability	1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C

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

Electrical reliability	$\Lambda = 10\exp(-8) 5 \text{ V } 1 \text{ mA}$ with confidence level of 90 % EN/IEC 60947-5-4
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Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
IP degree of protection	IP65 IEC 60529
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60947-1 EN/IEC 60947-5-4 JIS C 852 JIS C 4520 UL 508
Product Certifications	CSA UL CCC GOST
Vibration resistance	+/- 3 mm 2...500 Hz)IEC 60068-2-6 5 gn 2...500 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

Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110775273
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14 oz (4 g)
Returnability	No
Country of origin	ES

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.76 in (7 cm)
Package 1 width	0.83 in (2.1 cm)
Package 1 Length	2.52 in (6.4 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

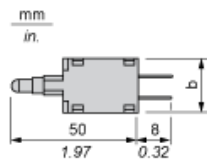
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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Contractual warranty

Warranty	18 months
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Body for Pilot Light

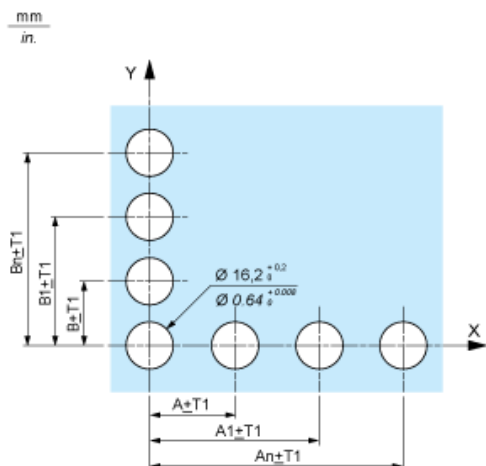
Dimensions



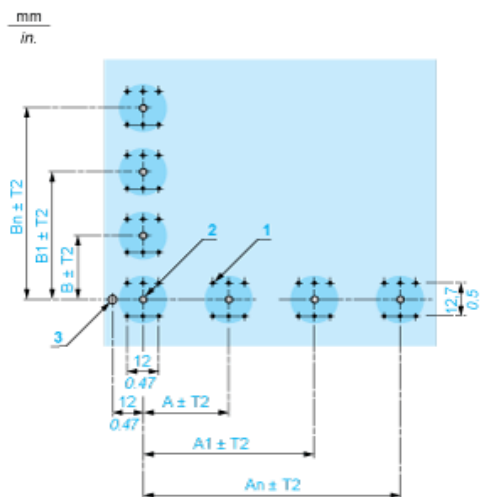
b 13.5 mm/0.53 in.

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Front Panel Cut-out (Viewed from Installer's Side)



Printed Circuit Board Drillings (Viewed from Electrical Block Side)



A 24 mm/0.94 in. minimum for rectangular heads, 18 mm/0.71 in. minimum for square or circular heads

B 18 mm/0.71 in. minimum

(1) 6 x Ø 1.1 mm / 6 x Ø 0.04 in. holes.

(2) 1 x Ø 2.6⁰_{-0.2} mm / 1 x Ø 0.10⁰_{-0.008} in. hole for locating pin, only when using socket adaptor ZB6Y010.

(3) 1 x Ø 3.2⁰_{-0.2} mm / 1 x Ø 0.13⁰_{-0.008} in. hole for fixing of printed circuit board onto the front panel using body bracket ZB6Y011. This hole must be drilled.

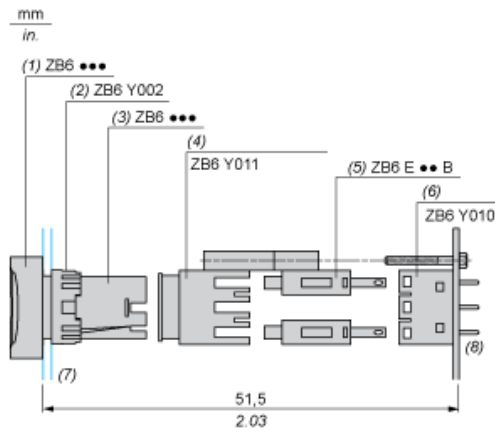
General tolerances of the panel and printed circuit board: T1, T2: T1 + T2 = 0.3 mm/0.01 in. maximum.

Installation precautions:

Thickness of printed circuit board: 1.6 mm/0.06 in. minimum.

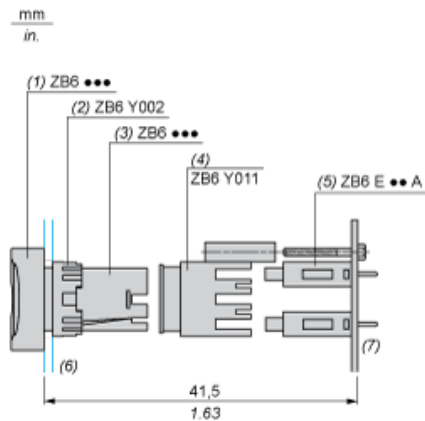
Mounting with Body Bracket

With socket adaptor ZB6Y010



- (1) Head
- (2) Nut
- (3) Body
- (4) Body bracket
- (5) Contact block
- (6) Socket adaptor
- (7) Panel
- (8) Printed circuit

Direct mounting without socket adaptor ZB6Y010



- (1) Head
- (2) Nut
- (3) Body
- (4) Body bracket
- (5) Contact block
- (6) Panel
- (7) Printed circuit