



Teknisk informasjon

Produktspekter	Harmony XB5
Produkt eller type komponent	Hode for trykknapper uten lys
Kortnavn utstyr	ZB5
Innfatningsmateriale	Dark grey plastic
Montasjediometer	22 mm
Hode type	Standard
Salg per udelelig kvantitet	1
Formen på varslingsenhetens hode	Rund
Type arm/stempel	fjærretur
Operatørprofil	Rød innfelt, STOPP (Hvit)

Komplementær

Bredde	29 mm
Høyde	29 mm
Dybde	28 mm
Vekt	0,018 kg
Mekanisk levetid	10000000 sykluser
Stasjonsnavn	XALD 1...5 hull XALK 2...5 hull
Elektrisk sammensetningskode	C1 for <9 kontakter bruker Enkel blokker i frontmontering C2 for <9 kontakter bruker enkel og dobbel blokker i frontmontering C11 for <3 kontakter bruker Enkel blokker i frontmontering C15 for <1 kontakter bruker Enkel blokker i frontmontering SF1 for <3 kontakter bruker Enkel blokker i frontmontering SR1 for <3 kontakter bruker Enkel blokker i bakmontering
Enhetens utseende	Basic element

Miljø

Overflatebeskyttelse	TH
Omgivelsestemperatur for lagring	-40...70 °C
Omgivelsestemperatur drift	-40...70 °C
Overspenningskategori	Klasse II i samsvar med IEC 60536
IP-grad	IP66 i samsvar med IEC 60529 IP67 IP69 IP69K
NEMA beskyttelsesgrad	NEMA 13 NEMA 4X
Resistens til høytrykksvask	7000000 Pa på 55 °C, distanse : 0.1 m
Ik beskyttelsesklasse	IK03 conforming to IEC 50102
Standarder	JIS C8201-5-1 IEC 60947-5-1 IEC 60947-1 IEC 60947-5-4 CSA C22.2 No 14 UL 508 JIS C8201-1

Produktsertifikater	UL listet[RETURN]LROS (Lloyds register of shipping) [RETURN]DNV[RETURN]CSA[RETURN]GL[RETURN]BV
Støtmotstand	30 gn (varighet = 18 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27 50 gn (varighet = 11 ms) for halvsinuskurve akselerasjon i samsvar med IEC 60068-2-27
Vibrasjonsmotstand	5 gn (f= 2...500 Hz) i samsvar med IEC 60068-2-6

Forpakkingsinformasjon

Enhetstype pakke 1	PCE
Antall enheter i pakke 1	1
Pakke 1 Høyde	3,4 cm
Pakke 1 Bredde	4,5 cm
Pakke 1 Vekt	5,4 cm
Package 1 Weight	17 g
Enhetstype pakke 2	BB1
Antall enheter i pakke 2	5
Pakke 2 Høyde	3,4 cm
Pakke 2 Bredde	4,5 cm
Pakke 2 Lengde	26,5 cm
Pakke 2 Vekt	85 g
Enhetstype pakke 3	S03
Antall enheter i pakke 3	300
Pakke 3 Høyde	30 cm
Pakke 3 Bredde	30 cm
Pakke 3 Lengde	40 cm
Pakke 3 Vekt	5,66 kg

Bærekraftig

Produktets miljøstatus	Green Premium miljømerket produkt
REACH-regelverk	REACH-erklæring
REACH fri for SVHC	Ja
EU RoHS-direktiv	Proaktivt i samsvar (Produktet inngår ikke i EUs RoHS direktivet)
Kvikksølvfri	Ja
Kinas RoHS-forskrift	Kinas RoHS-Erklæring
Informasjon om RoHS-unntak	Ja
Miljøinformasjon	Produktmiljøprofil
Produktets livssyklus	Informasjon Om Levetidsslutt

Logistisk informasjon

Opprinnelsesland	FR
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Garantiperiode

Garanti	18 months
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Dimensions



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



- (1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) $\varnothing 22.5$ mm recommended ($\varnothing 22.3 \text{ }_0^{+0.4}$) / $\varnothing 0.89$ in. recommended ($\varnothing 0.88 \text{ in. }_0^{+0.016}$)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



- (1) Diameter on finished panel or support
(2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
(3) $\varnothing 22.5$ mm recommended ($\varnothing 22.3 \text{ }_0^{+0.4}$) / $\varnothing 0.89$ in. recommended ($\varnothing 0.88 \text{ in. }_0^{+0.016}$)

Pushbuttons, Switches and Pilot Lights for Printed Circuit Board Connection

Panel Cut-outs (Viewed from Installer's Side)



A: 30 mm min. / 1.18 in. min.

B: 40 mm min. / 1.57 in. min.

Printed Circuit Board Cut-outs (Viewed from Electrical Block Side)

Dimensions in mm



A: 30 mm min.

B: 40 mm min.

Dimensions in in.



The cumulative tolerance must not exceed 0.3 mm / 0.012 in.: T1 + T2 = 0.3 mm max.

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm $\pm$ 0.1 / 0.88 in. $\pm$ 0.004
- Orientation of body/fixing collar ZB5AZ009: $\pm 2^{\circ}30'$ (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB5AZ079 fixing collar/pillar and its fixing screws:
 - every 90 mm / 3.54 in. horizontally (X), and 120 mm / 4.72 in. vertically (Y).
 - with each selector switch head (ZB5AD•, ZB5AJ•, ZB5AG•).

Technical drawing of a ZB5 AZ079 assembly. The drawing shows a side view of the component with various dimensions and labels. The dimensions are:

- 49.75 ± 0.3
- 1.96 ± 0.012
- 55.4 max
- 2.18 max

The labels and callouts are:

- (1)
- (2)
- (3)
- ZB5 AZ079
- ZBE 70●/ZBV B●7
- ZBZ 01●
- (4)
- ZBZ 006

The drawing also includes a scale bar indicating mm and in.

- (1) Head ZB5AD•
(2) Panel
(2) Nut

(4) Printed circuit board

Mounting of Adapter (Socket) ZBZ01•

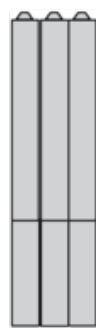
- 1 2 elongated holes for ZBZ006 screw access
- 2 1 hole $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$ for centring adapter ZBZ01•
- 3 $8 \times \varnothing 1.2 \text{ mm} / 0.05 \text{ in.}$ holes
- 4 1 hole $\varnothing 2.9 \text{ mm} \pm 0.05 / 0.11 \text{ in.} \pm 0.002$, for aligning the printed circuit board (with cut-out marked a)
- 5 1 elongated hole for aligning the printed circuit board (with cut-out marked b)
- 6 4 holes $\varnothing 2.4 \text{ mm} / 0.09 \text{ in.}$ for clipping in adapter ZBZ01•

Dimensions An + 18.1 relate to the $\varnothing 2.4 \text{ mm} \pm 0.05 / 0.09 \text{ in.} \pm 0.002$ holes for centring adapter ZBZ01•.

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2



Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

Electrical Composition Corresponding to Code C15

1 N/O

1 N/C

1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C

Legend

Single contact

Double contact

Light block

Possible location

