

Produktdatablad

Specifikationer



Harmony nødstopshoved i metal med Ø40 mm paddehoved i rød farve og nøgle (Ronis 455) for at frigøre

El-nr.:
7517804983

ZB4BS944

EAN-nr: 3389110888881

Egenskaber

Produktserie	Harmony XB4
Produkttype	Hoved til nødstop
Enhedsforkortelse	ZB4
Materiale og farve på frontring	Forkromet metal
Montagediameter	22,5 mm
Mindst mulige salgsantal	1
Form på hoved	Rundt
Betjeningsprofil	aktivering med mekanisk låsning
Nulstil	Frigørelse med nøgle
Betjeningsprofil	Rød Paddetryk Ø 40 mm, Uden mærkning
Nøgletype	Key 455
Position for nøgleudtræk	I midterposition
Hovedtype	Standard
Farve på trykflade eller linse	Rød

Produktinformationer

Bredde	40 mm
Højde	40 mm
Dybde	79 mm
Vægt	0,098 kg
Modstandsdygtighed overfor højtryksrensning	7000000 Pa ved 55 °C, distance : 0.1 m
Mekanisk holdbarhed	300000 kredsløb
Kode for elektrisk sammensætning	C7 til <4 kontakter benytter enkelt blokke i Montering forfra C8 til <4 kontakter benytter enkelt og dobbelt blokke i Montering forfra C11 til <3 kontakter benytter enkelt blokke i Montering forfra C15 til <1 kontakter benytter enkelt blokke i Montering forfra C10 til <4 kontakter benytter enkelt og dobbelt blokke i Montering forfra
Konstruktion	Som løsdele

Miljø

Beskyttelsesbehandling	TH
Omgivelsestemperatur ved opbevaring	-40...70 °C
Omgivelsestemperatur under drift	-40...70 °C

Beskyttelsesklasse	Klasse I i henhold til IEC 61140
IP kapslingsklasse	IP66 i henhold til IEC 60529 IP67 IP69 IP69K
NEMA kapslingsklasse	NEMA 13 NEMA 4X Nema 4 NEMA 12
IP kapslingsklasse	IK03 conforming to IEC 50102
Standarder	CSA C22.2 No 14 IEC 60204-1 IEC 60947-1 GB 14048.5 IEC 60947-5-1 ISO 13850 IEC 60947-5-5 JIS C8201-5-1 IEC 60947-5-4 UL 508 IEC 60364-5-53 JIS C8201-1
Produktcertificeringer	DNV UL listet LROS (Lloyds register of shipping) BV CSA
Vibrationsmodstand	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Modstandsdygtighed overfor stød	30 gn (varighed = 18 milisekund) til Halv sinusbølge acceleration i henhold til IEC 60068-2-27 50 gn (varighed = 11 milisekund) til Halv sinusbølge acceleration i henhold til IEC 60068-2-27

Forpakkingsinformation

Enhedstype af pakke 1	PCE
Antal enheder i pakke 1	1
Pakke 1 Højde	4,400 cm
Pakke 1 Længde	5,300 cm
Package 1 Length	8,800 cm
Pakke 1 Vægt	101,000 g
Enhedstype af pakke 2	S03
Antal enheder i pakke 2	100
Pakke 2 Højde	30,000 cm
Pakke 2 Bredde	30,000 cm
Pakke 2 Længde	40,000 cm
Pakke 2 Vægt	10,564 kg

Logistik informationer

Oprindelsesland	CZ
------------------------	----

Garanti

Garanti	18 months
----------------	-----------

Environmental Data

Schneider Electric's mål er at opnå Net Zero-status i 2050 gennem partnerskaber med forsyningskæden, materialer med lavere påvirkning og cirkularitet via vores igangværende kampagne "Use Better, Use Longer, Use Again" for at forlænge produkternes levetid og genbrugelighed.

[Forklaring af Environmental Data >](#)

[Sådan vurderer vi produktets bæredygtighed >](#)

Miljøaftryk

CO2-belastning (kg CO2 eq.) 1

Miljøoplysning [Miljøprofil for produkt](#)

Use Better

Materialer og emballage

Pakke med genbrugspap No

Emballage uden plast No

[EU RoHS-direktivet](#) Proaktiv overensstemmelse (produkt ikke omfattet af EU RoHS)

SCIP-nummer 6fb3a517-3ce5-4a60-a6e9-428d970f8e28

Reach-forordning [REACH-erklæring](#)

Use Again

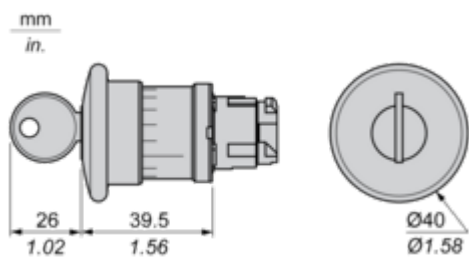
Ompakning og genfremstilling

Cirkularitetsprofil [Oplysninger om udtjent udstyr](#)

Returnering No

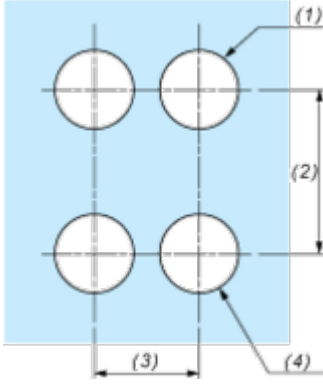
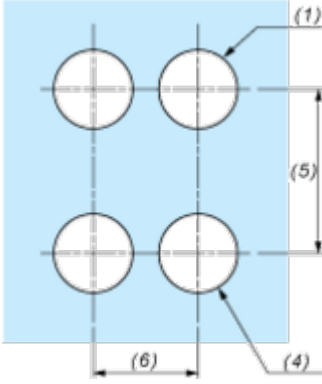
Dimensions Drawings

Dimensions



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



A: 1.18 in. min.

B: 1.57 in. min.

General Tolerances of the Panel and Printed Circuit Board

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

Installation Precautions

- Minimum thickness of circuit board: 1.6 mm / 0.06 in.
- Cut-out diameter: 22.4 mm ± 0.1 / 0.88 in. ± 0.004
- Orientation of body/fixing collar ZB4 BZ009: ± 2° 30' (excluding cut-outs marked a and b).
- Tightening torque of screws ZBZ 006: 0.6 N.m (5.3 lbf.in) max.
- Allow for one ZB4 BZ079 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 (ZB4 BD*, ZB4 BJ*, ZB4 BG*).

The fixing centers marked a and b are diagonally opposed and must align with those marked 4 and 5.



(1) Panel

(2) Printed circuit board

Mounting of Adapter (Socket) ZBZ 01•

- 1 2 elongated holes for ZBZ 006 screw access
- 2 1 hole \varnothing 2.4 mm ± 0.05 / 0.09 in. ± 0.002 for centring adapter ZBZ 01•
- 3 8 × \varnothing 1.2 mm / 0.05 in. holes
- 4 1 hole \varnothing 2.9 mm ± 0.05 / 0.11 in. ± 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 mm / 0.09 in. for clipping in adapter ZBZ 01•

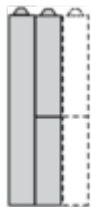
Dimensions An + 18.1 relate to the \varnothing 2.4 mm ± 0.05 / 0.09 in. ± 0.002 holes for centring adapter ZBZ 01•.

Technical Description

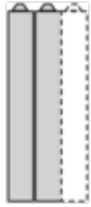
Electrical Composition Corresponding to Code C7



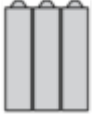
Electrical Compositions Corresponding to Code C8



Electrical Compositions Corresponding to Code C10



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

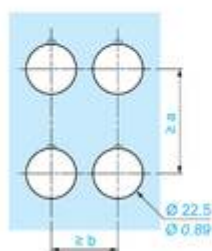
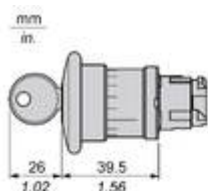


Possible location



Technical Illustration

Dimensions




		a (mm)	a (in.)	b (mm)	b (in.)
		40	1.57	30	1.18
ZBE.....	ZBV.....				
		45	1.77	32	1.26
ZBE.....3	ZBV.....3				
		40	1.57	30	1.18
ZBE.....4	ZBV.....4				
		50	1.97	30	1.18
ZBE.....5	ZBV.....5				
		40	1.57	30	1.18
ZBE.....8	ZBV.....8				
		40	1.57	30	1.18
ZBRT•	ZBRV1				

Offer Marketing Illustration


Product benefits / Features

Features


Harmony XB4 e-stop function




Wide modular range to suit machines and operator safety.




Ergonomic design for emergency actuation in several environments





Designed to fit in a standard 22mm cut-out or Harmony XAPK control station ensuring compatibility with pre-existing machinery.



Large set of accessories: circular legends, illuminated legend rings, protective bellows for harsh environments and protective guards.

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB4 e-stop function

Fit to several customer functions needs: turn to release, push to release, key release

Guarantee of proper installation thanks to NC contact with monitoring function.



Fit for all machine sizes and environments:

- Small machines > 30 mm
- Standard machines > 40 mm
- Use of gloves > 60 mm

Designed as per international standards for high performance.

Image of product / Alternate images

Alternative



