

ZB4BS844

red Ø40 Emergency stop,switching off head Ø22
trigger and latching turn release



Main

Range of product	Harmony XB4
Product or component type	Head for emergency switching off push-button
Device short name	ZB4
Bezel material	Chromium plated metal
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Trigger action and mechanical latching
Reset	Turn to release
Operator profile	Red mushroom Ø 40 mm unmarked
Head type	Standard

Complementary

CAD overall width	40 mm
CAD overall height	40 mm
CAD overall depth	57 mm
Product weight	0.073 kg
Mechanical durability	300000 cycles
Electrical composition code	C11 for <= 3 contacts using single blocks in front mounting C15 for 1 contacts using single blocks in front mounting C7 for <= 4 contacts using single blocks in front mounting C8 for <= 4 contacts using single and double blocks in front mounting C10 for <= 4 contacts using single and double blocks in front mounting

Environment

protective treatment	TH
ambient air temperature for storage	-40...70 °C
ambient air temperature for operation	-40...70 °C
electrical shock protection class	Class I conforming to IEC 61140
IP degree of protection	IP66 conforming to IEC 60529 IP69K IP69
NEMA degree of protection	NEMA 12 NEMA 13 NEMA 4 NEMA 4X
IK degree of protection	IK06 conforming to IEC 50102
standards	EN/IEC 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 EN/ISO 13850 IEC 60364-5-53 JIS C 4520 UL 508 GB 14048.5 CSA C22.2 No 14
product certifications	BV CSA DNV GL

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

LROS (Lloyds register of shipping)
 RINA
 UL listed

vibration resistance	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

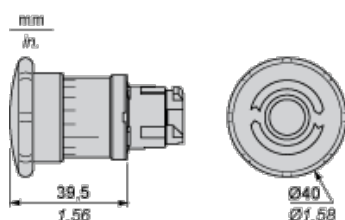
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	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	Connection by Faston Connectors
Diagram showing panel cut-out dimensions for screw clamp terminals or plug-in connectors. The diagram shows a 2x2 grid of circular holes. Dimensions are labeled: (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 $^{+0.4}_{0}$ / 0.88 in. $^{+0.016}_{0}$).	Diagram showing panel cut-out dimensions for faston connectors. The diagram shows a 2x2 grid of circular holes. Dimensions are labeled: (1) Diameter on finished panel or support, (5) 45 mm min. / 1.78 in. min., (6) 32 mm min. / 1.26 in. min., (4) Ø 22.5 mm / 0.89 in. recommended (Ø 22.3 mm $^{+0.4}_{0}$ / 0.88 in. $^{+0.016}_{0}$).
(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 $^{+0.4}_{0}$ / 0.88 in. $^{+0.016}_{0}$) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.	

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



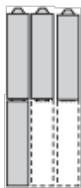
A: 30 mm min.

B: 40 mm min.

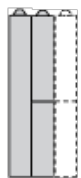
Dimensions in in.

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

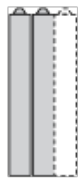
Electrical Composition Corresponding to Code C7



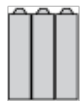
Electrical Compositions Corresponding to Code C8



Electrical Compositions Corresponding to Code C10

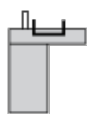


Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

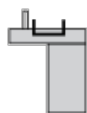


Electrical Composition Corresponding to Code C15

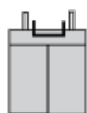
1 N/O



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

