

Head for push button, Harmony XB4, harsh environment, metal, red flush, 22mm, unmarked

ZB4BC480

Main

Range of product	Harmony XB4	
Product or component type	Head for push-button	
Device short name	ZB4	
Bezel material	Chromium plated metal	
Head type	Standard	
Mounting diameter	0.9 in (22.5 mm)	
Sale per indivisible quantity	1	
Cap/operator or lens colour	Red	

Complementary

CAD overall width	1.5 in (37 mm)	
CAD overall height	0.7 in (18.5 mm)	
CAD overall depth	1.5 in (37 mm)	
Net weight	0.079 lb(US) (0.036 kg)	
Electrical shock protection class	Class I conforming to IEC 61140	
Shape of signaling unit head	Round	
Type of operator	spring return	
Operator profile	Red flush, unmarked	
Operator additional information	Vertical mounting Horizontal mounting	
Mechanical durability	10000000 cycles	
Vibration resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6	
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27	
Main group	Harsh environment	
Group of product	Flush unmarked	
Marking	Unmarked	
Electrical composition code	C1 9 single front mounting C2 9 single and double front mounting C11 3 single front mounting C15 1 single front mounting	
Device presentation	Basic element	

Environment

Ambient air temperature for storage	-40185 °F (-4085 °C)	
Ambient air temperature for operation	-40158 °F (-4070 °C)	
IP degree of protection	IP66 IEC 60529 IP69K IP67 IP69	
NEMA degree of protection	NEMA 4 UL 508 NEMA 13 NEMA 12	
Resistance to high pressure washer	0.01 psi (90 Pa) 180 °F (82.5 °C)	
IK degree of protection	IK06 conforming to IEC 62262	
Standards	CSA C22.2 UL 508 IEC 60947-1 IEC 60947-5-1	
Product certifications	CE UL CSA	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.2 in (3.0 cm)
Package 1 Width	2.4 in (6.0 cm)
Package 1 Length	3.1 in (8.0 cm)
Package 1 Weight	1.2 oz (33.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	7.976 lb(US) (3.618 kg)

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

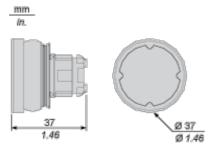
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

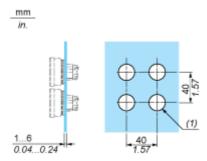
Dimensions



Mounting and Clearance

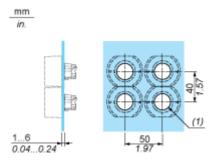
Installation on Flat Surface

Without Protective Guard



(1) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 $_0^{+0.016}$)

With Protective Guard



(1) Ø22.5 mm recommended (Ø22.3 $_0^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 $_0^{+0.016}$)

Product data sheet

ZB4BC480

Technical Description

Electrical Composition Corresponding to Code C1



Electrical Composition Corresponding to Code C2



Product data sheet

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



Electrical Composition Corresponding to Code C15





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

