ZB4BC28042

pushbutton head for harsh environment - black - with marking

Green Premium™ Product

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

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	0.87 in (22 mm)
Sale per indivisible quantity	1

Complementary

CAD overall width	1.46 in (37 mm)
CAD overall height	0.73 in (18.5 mm)
CAD overall depth	1.46 in (37 mm)
Product weight	0.08 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	Flush black type H042 (white)
Operator additional information	Vertical mounting
Mechanical durability	10000000 cycles
Vibration resistance	5 gn (f=2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27
Main group	Harsh environment
Group of product	Flush marked type H042
Cap/operator or lens colour	Black
Marking	Type H042
Colour of marking	White
Electrical composition code	C15 1 contacts using single blocks in front mounting C11 3 contacts using single blocks in front mounting C1 9 contacts using single blocks in front mounting C2 9 contacts using single and double blocks in front mounting

Environment

Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
IP degree of protection	IP69 IP67 IP66 conforming to IEC 60529 IP69K
NEMA degree of protection	NEMA 12 NEMA 13 NEMA 4 conforming to UL 508
Resistance to high pressure washer	0.01 psi (90 Pa) at 181 °F (82.5 °C)
IK degree of protection	IK06 conforming to IEC 62262

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Standards	CSA C22.2
	UL 508
	IEC 60947-1
	IEC 60947-5-1
Product certifications	CE
	CSA
	UL

Ordering and shipping details

Category	22468 - PUSHBUTTONS,22MM(METAL) NEW
Discount Schedule	CS2
GTIN	003606480444296
Nbr. of units in pkg.	1
Package weight(Lbs)	8.0000000000000002E-2
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity ⬈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
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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Dimensions

mm
in.

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  37        Ø 37
 1.46      Ø 1.46
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Installation on Flat Surface

Without Protective Guard

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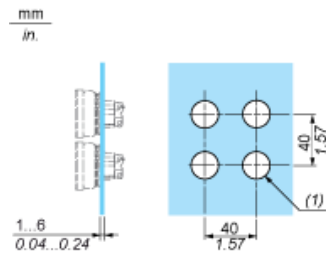
(1)   Ø22.5 mm recommended (Ø22.3 $_0$ $^{+0.4}$) / Ø0.89 in. recommended (Ø0.88 $_0$ $^{+0.016}$)

With Protective Guard

$\frac{mm}{in.}$

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

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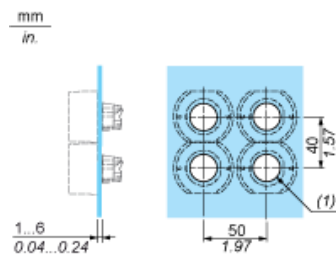
Marking Type H042

Electrical Composition Corresponding to Code C1

Electrical Composition Corresponding to Code C2

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

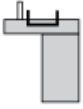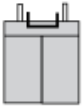## Electrical Composition Corresponding to Code C15

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

Mouser Electronics

Authorized Distributor

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