Product data sheet
Characteristics

ZB4BC28001
Head for push button, Harmony XB4, push button harsh environment, black, with marking type H001



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	22.5 Mm
Sale per indivisible quantity	1
Cap/operator or lens colour	Black

Complementary

CAD overall width	37 Mm
CAD overall height	18.5 Mm
CAD overall depth	37 Mm
Net weight	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	Black flush, type H001 (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) for half sine wave acceleration conforming to IEC 60068-2-27
Main group	Harsh environment
Group of product	Flush marked type H001
Marking	Type H001
Colour of marking	White
Electrical composition code	C1 for <9 contacts using single blocks in front mounting C2 for <9 contacts using single and double blocks in front mounting C11 for <3 contacts using single blocks in front mounting C15 for <1 contacts using single blocks in front mounting

Environment

Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…70 °C
IP degree of protection	IP66 conforming to IEC 60529 IP69K IP67 IP69
NEMA degree of protection	UL type 4/13
Resistance to high pressure washer	90 Pa at 82.5 °C
IK degree of protection	IK06 conforming to IEC 62262
Standards	IEC 60947-1 IEC 60947-5-1 CSA C22.2 UL 508
Product certifications	CSA[RETURN]CE[RETURN]UL

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.800 Cm
Package 1 Width	7.100 Cm
Package 1 Length	13.000 Cm
Package 1 Weight	32.000 G

Offer Sustainability

Total lifecycle Carbon footprint	0.3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.2551686833
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.004707758
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0072204982
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0455359431
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), whi
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised