Product data sheet
Characteristics

ZB4BA46
Head for illuminated push button, Harmony XB4, metal, red recessed, 22mm, spring return, high guard, unmarked



Main

Range of product	Harmony XB4
Product or component type	Head for non-illuminated push-button
Device short name	ZB4
Bezel material	Chromium plated metal
Mounting diameter	22.5 Mm
Sale per indivisible quantity	1
Head type	Standard
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Red recessed, unmarked
Operator additional information	High guard
Cap/operator or lens colour	Red

Complementary

CAD overall width	29 Mm
CAD overall height	29 Mm
CAD overall depth	31 Mm
Mechanical durability	10000000 Cycles
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
Device presentation	Basic element

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
Overvoltage category	Class I conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	UL type 4X/13
IK degree of protection	IK06 conforming to IEC 50102

Standards	IEC 60947-5-4 IEC 60947-5-5 UL 508 IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 JIS C8201-5-1 JIS C8201-1
Product certifications	BV[RETURN]CSA[RETURN]DNV[RETURN]LROS (Lloyds register of shipping)[RETURN]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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.600 Cm
Package 1 Width	4.700 Cm
Package 1 Length	5.300 Cm
Package 1 Weight	34.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	15 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	2.054 Kg

Offer Sustainability

Total lifecycle Carbon footprint	0.3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.2268166074
Carbon footprint of the manufacturing phase [A1 to A3]	0.2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0041846738
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0064182206
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0404763938
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Total lifecycle Carbon footprint	1
Average percentage of recycled plastic content	14 %
Average percentage of recycled metal content	21 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Reference contains 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