



## Main

Range of product	Harmony XB5
Product or component type	Head for joystick controller
Device short name	ZD5
Bezel material	Plastic
Mounting diameter	22 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Spring return to zero position
Operator profile	54 mm long operating shaft
Operator direction information	4 directions

## Complementary

CAD overall width	30 mm
CAD overall height	47 mm
CAD overall depth	85 mm
Product weight	0.022 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance: 0.1 m
Mechanical durability	1000000 cycles
Compatibility code	ZD5

## Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 50102
Standards	EN/IEC 60947-5-1 EN/IEC 60947-1 JIS C 4520

Disclaimer: 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

UL 508  
EN/IEC 60947-5-4  
CSA C22.2 No 14

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Product certifications	BV RINA GL UL listed CSA LROS (Lloyds register of shipping) DNV
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

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### Contractual warranty

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Warranty period	18 months
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