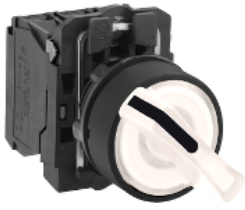


# Product data sheet

Specifications



## Illuminated selector switch, Harmony XB5, amber Ø22 mm LED 230 V

XB5AK121M5

❗ Discontinued on: 20 October 2020

❗ Discontinued

### Main

Range of product	Harmony XB5
Product or component type	Illuminated selector switch
Device short name	XB5
Bezel material	Plastic
Mounting diameter	22.5 mm
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Operator position information	2 positions 90°
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end conforming to EN/IEC 60947-1

### Complementary

Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Positive opening	Without
Torque value	0.14 N.m NO changing electrical state
Mechanical durability	1000000 cycles
Tightening torque	0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-1
[Ie] rated operational current	3 A at 240 V, AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to EN/IEC 60947-5-1

<b>Electrical durability</b>	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
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<b>Electrical reliability</b>	$\Lambda < 10\text{exp}(-6)$ at 5 V, 1 mA in clean environment conforming to EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ at 17 V, 5 mA in clean environment conforming to EN/IEC 60947-5-4
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<b>Device presentation</b>	Complete product
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## Environment

<b>Protective treatment</b>	TH
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<b>Ambient air temperature for storage</b>	-40...70 °C
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<b>Ambient air temperature for operation</b>	-40...70 °C
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<b>Electrical shock protection class</b>	Class II conforming to IEC 60536
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<b>IP degree of protection</b>	IP69 IP69K IP66 conforming to IEC 60529 IP67
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<b>NEMA degree of protection</b>	NEMA 13 NEMA 4X
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<b>IK degree of protection</b>	IK06 conforming to IEC 50102
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<b>Product certifications</b>	UL CSA LROS (Lloyds register of shipping) GL BV DNV
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<b>Vibration resistance</b>	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
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<b>Shock resistance</b>	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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## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
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<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
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<b>REACH free of SVHC</b>	Yes
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<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
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<b>Mercury free</b>	Yes
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<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
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<b>RoHS exemption information</b>	<a href="#">Yes</a>
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<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
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<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
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<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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## Recommended replacement(s)

XB5AK121M5 is replaced by the following product range:



**Harmony XB5**  
Ø 22 mm modular plastic pushbuttons, switches, and pilot lights  
Products: 2237