

Product datasheet

Specifications



Harmony XB5, Digital panel meter, plastic, black, Ø22, 4 digit red LED display, 4...20 mA input

XBH1AA0R4

EAN Code: 3606489737221

Main

Range of product	Harmony XB5
Product or component type	Display module
Display digits	4 digit(s) - 14 mm in height

Complementary

Display type	7 segments LED
Display colour	Red
display projection	-999...9999
Accuracy	+/- 0.15 % of the measuring range + 1 digit
Solid state output type	2 x power MOSFET
Discrete output voltage	30 V DC
Discrete output current	0.5 A
Brightness	Fixed
Analogue input range	4...20 mA DC
maximum voltage drop	6 V
Temperature drift	50 ppm/°C
Mounting diameter	22.5 mm
Connections - terminals	Spring terminals, clamping capacity: 1 x 0.2...1 mm ² (AWG 24...AWG 17)
Housing material	Plastic
Flame retardance	UL94-V1
Tightening torque	1.3 N.m +/- 0.2 N.m 11.5 lb.in +/- 1.8 lb.in
Width	51.5 mm
Height	29.5 mm
Depth	78.2 mm
Net weight	0.032 kg

Environment

Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-20...85 °C
Vibration resistance	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP65 (front panel) conforming to IEC 60529

Standards	IEC 61326-1
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	4.000 cm
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Package 1 Width	8.000 cm
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Package 1 Length	13.000 cm
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Package 1 Weight	70.000 g
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Unit Type of Package 2	S03
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Number of Units in Package 2	62
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Package 2 Height	30.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	4.687 kg
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Logistical informations

Country of origin	CZ
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint	7
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Compliant
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REACH Regulation	REACH Declaration
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Use Again

Repack and remanufacture

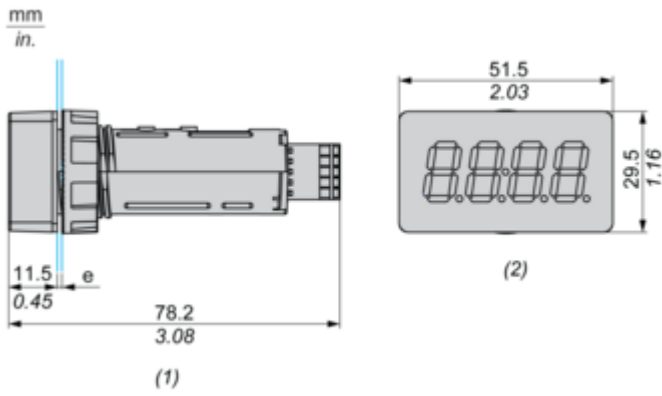
End of life manual availability	End of Life Information
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Take-back	No
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WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Dimensions Drawings

Dimensions



e : Clamping thickness 1 to 6 mm

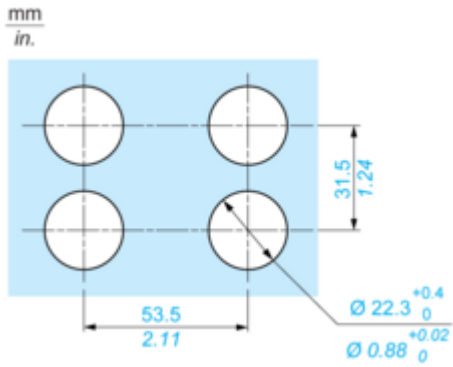
(1) : Side view

(2) : Front view

Mounting and Clearance

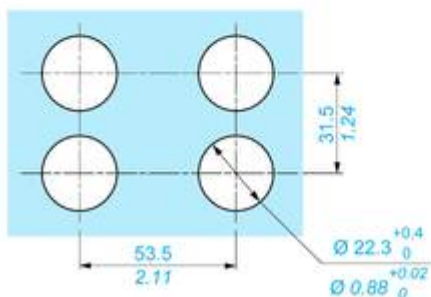
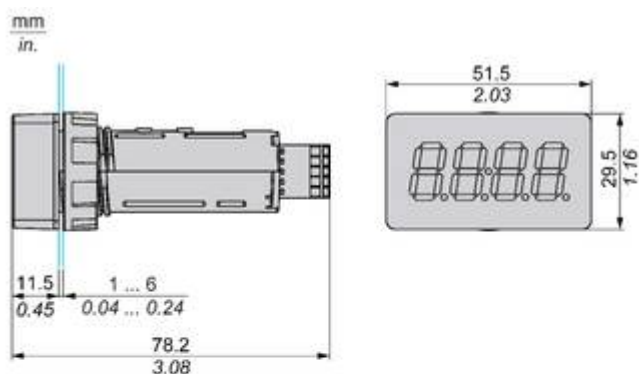
Mounting and Clearance

Panel Cut-out for Digital Display



Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Features Harmony XB5



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Quick and easy assembly and disassembly
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Excellent mechanical connection with operator head
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Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board
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Robustness to withstand harsh environments
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Large set of accessories to customize your panels

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony XB5

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws



Operating temperature from -40°C to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Image of product / Alternate images

Alternative





