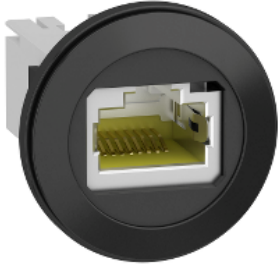# Product data sheet

Specifications

Green Premium™

Panel mounted RJ45 port, Harmony XB5, plastic, 22mm, for ethernet interface, RJ45 jack

XB5PRJ45

Main

Range of product	Harmony XB5
Product or component type	Panel mounted RJ45 port
Device short name	XB5P

Complementary

Sale per indivisible quantity	1
Mounting diameter	22 mm
Thickness	6 mm without protection cover 1.5…5 mm with protection cover plastic 1.5…5 mm with protection cover rigid plastic 1.5…2.5 mm with protection cover metal
Bezel material	Plastic
Fixing collar material	Plastic
Integrated connection type	RJ45 Ethernet 10 Gbit/s
Minimum number of matings	750 cycles
IP degree of protection	IP20 front: conforming to IEC 60529 IP20 back: conforming to IEC 60529
Ambient air temperature for operation	-40…70 °C
Ambient air temperature for storage	-40…70 °C
Tightening torque	1.5 N.m
Vibration resistance	5 gn (f= 10…500 Hz) conforming to IEC 60068-2-6
Standards	IEC 60603-7
Product certifications	UL listed CSA
Height	28 mm
Width	28 mm
Depth	36 mm
Net weight	0.0266 kg

Packing Units

Unit Type of Package 1	PCE

Number of Units in Package 1	1
Package 1 Height	3.600 cm
Package 1 Width	8.100 cm
Package 1 Length	8.300 cm
Package 1 Weight	26.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.900 kg

Offer Sustainability

|	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	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 www.P65Warnings.ca.gov

Dimensions
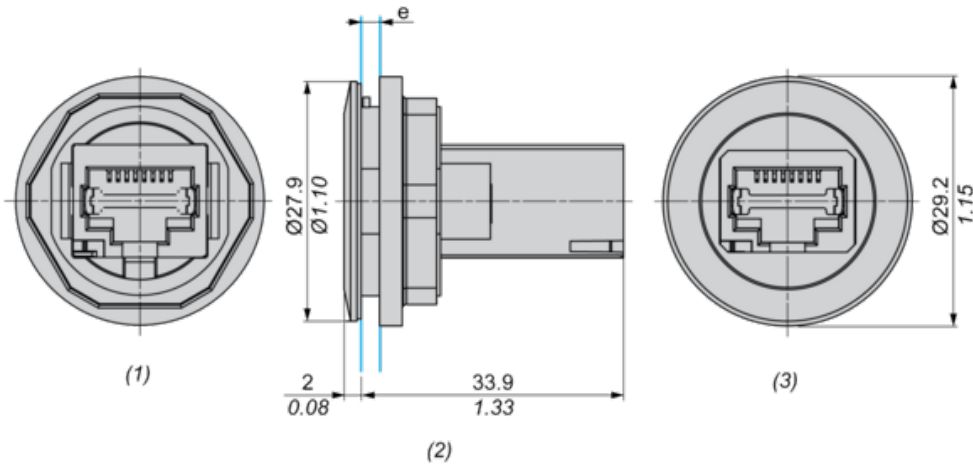
(1) Back view

(2) Side view

(3) Front view

(e)

	Clamping thickness without accessory: 1.5 mm to 5 mm / 0.05 in to 0.19 in
	Clamping thickness with ZBSP1 & ZBSP2: 1.5 mm to 5 mm / 0.05 in to 0.19 in
	Clamping thickness with ZBSP3: 1.5 mm to 2.5 mm / 0.05 in to 0.10 in

XB5PRJ45

Panel Cut-out for Panel Mounted RJ45 Port

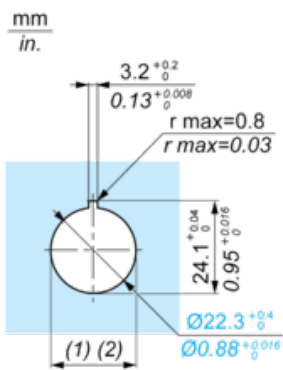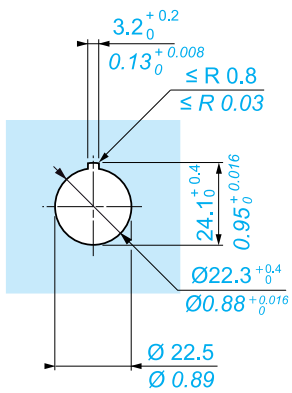### Connection by Screw Clamp Terminals or Plug-in Connectors
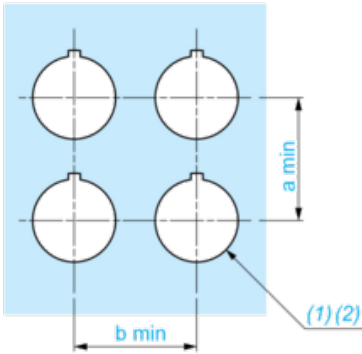
(1) Diameter on finished panel or support

(2) Ø22.5 mm recommended (Ø22.3 0+0.4) / Ø0.89 in. recommended (Ø0.88 in. 0+0.016)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminal or plug-in connector	35	1.38	35	1.38

Panel Cut-out

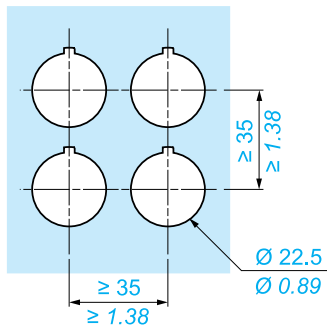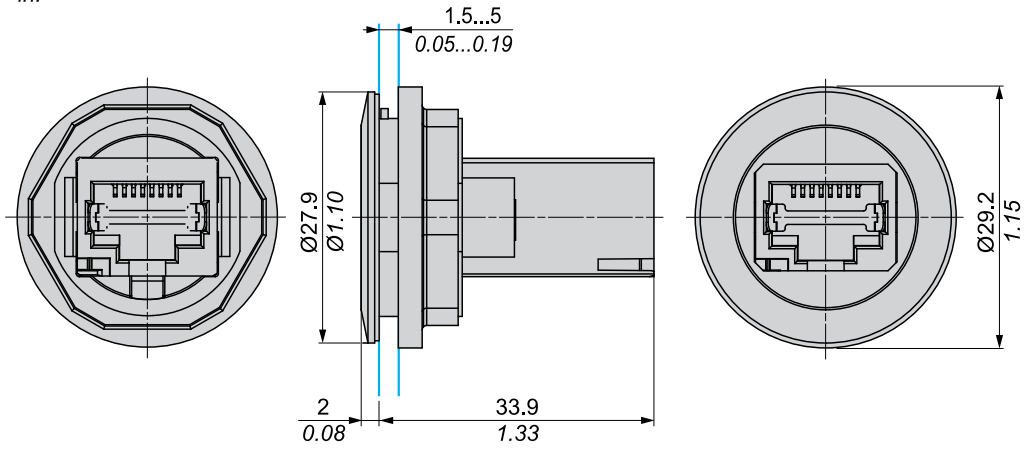**(1)** Diameter on finished panel or support

(2) Ø22.5 mm recommended (Ø22.3 0+0.4) / Ø0.89 in. recommended (Ø0.88 in. 0+0.016)

Dimensions

$$\frac{mm}{in.}$$

1.5...5
0.05...0.19

Ø27.9
Ø1.10

Ø29.2
1.15

2
0.08

33.9
1.33

≥ 35
≥ 1.38

≥ 35
≥ 1.38

Ø 22.5
Ø 0.89

$3.2^{+0.2}_{0}$
$0.13^{+0.008}_{0}$

≤ R 0.8
≤ R 0.03

$24.1^{+0.4}_{0}$
$0.95^{+0.016}_{0}$

$Ø22.3^{+0.4}_{0}$
$Ø0.88^{+0.016}_{0}$

Ø 22.5
Ø 0.89

Recommended replacement(s)