

Product data sheet

Specifications



Base Module, Harmony XVB7 Modular Tower Light, Ø70mm, USB Connector Base With Adapter And Cover, Grey

XVB7C51

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XVB7
Product or Component Type	Base module
Device Composition	Base direct/tube & cover
Device short name	XVB7
Mounting diameter	2.8 in (70 mm)
Electrical Connection	USB
Communication Port Protocol	Modbus serial
Product Compatibility	HMI/PC
Fixing Mode	Direct or tube fixing
Mounting position	Upright/inverted
Assembly style	Up to 5 Modules (4 lens + 1 sound or 5 lens)
Material	Polycarbonate
Housing Colour	Dark grey
Product Weight	0.397 lb(US) (0.180 kg)

Complementary

[Ue] rated operational voltage	5 V DC
Electrical shock protection class	Class II
Current consumption	31 mA
Output current	90 mA max
Connections - terminals	USB2.0 Type C
Type of Cable	USB 2m max
cable entry	Bottom
[Ui] Rated Insulation Voltage	50 V
[Uimp] rated impulse withstand voltage	0.5 kV

Environment

Pollution degree	2
Ambient Air Temperature for Operation	-13...140 °F (-25...60 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP Degree of Protection	IP66
Environmental Type ratings	UL type 4X/13
Vibration resistance	6 gn +/- 0.5 mm 10...500 Hz)in operation
Shock resistance	30 gn 6 ms) in operation
Standards	UL 60947-5-1 IEC 60947-5-1 CSA C22.2 No 60947-5-1
Product Certifications	cULus CCC RCM UKCA CE

Ordering and shipping details

Category	US10CS222612
Discount Schedule	0CS2
GTIN	3606487129264
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.756 in (7.000 cm)
Package 1 Width	2.953 in (7.500 cm)
Package 1 Length	5.118 in (13.000 cm)
Package weight(Lbs)	5.644 oz (160.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	11.662 lb(US) (5.290 kg)

Contractual warranty

Warranty (in months)	18
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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	3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again

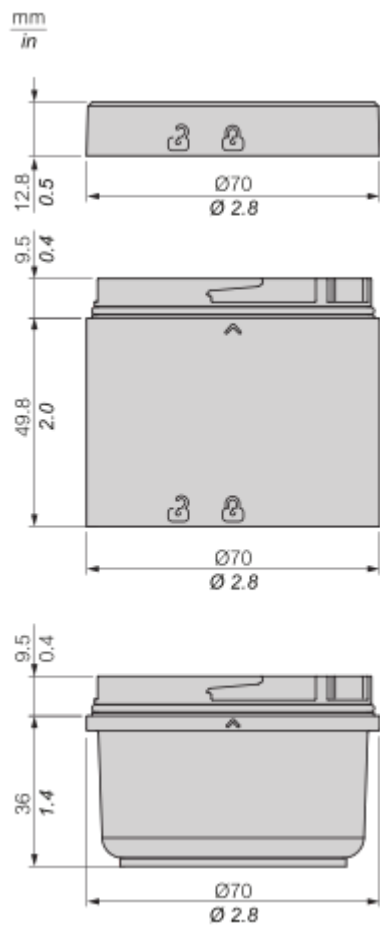


Repack and remanufacture

Recyclability potential, in %	87
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

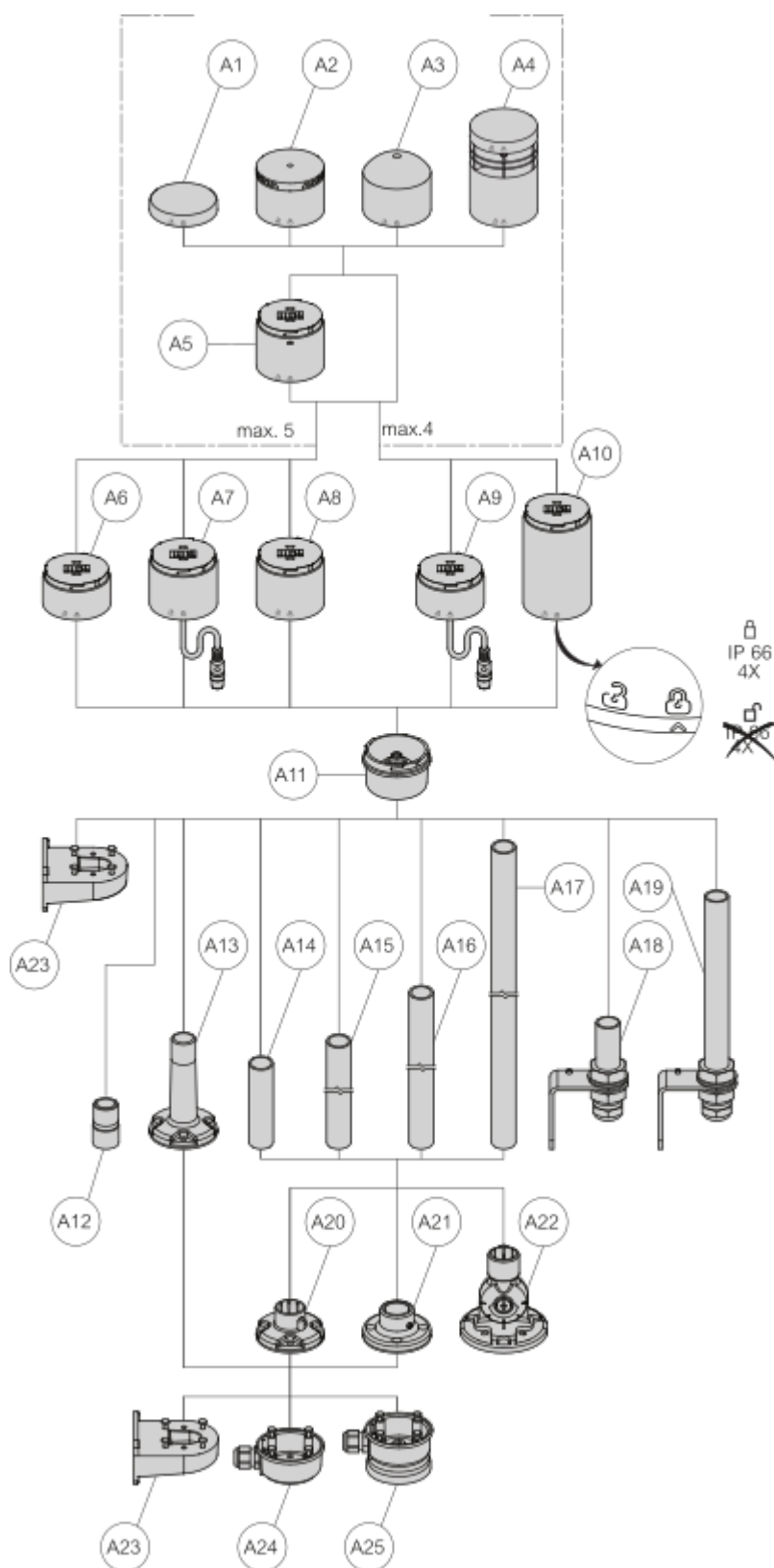
Dimensions Drawings

Dimensions



Mounting and Clearance

Mounting Overview



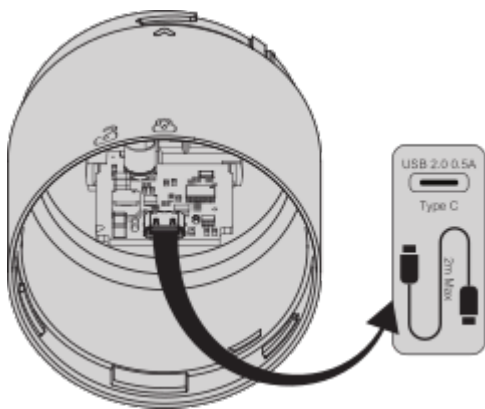
Drawing	Part Number	Part Description
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A1, A6, A11	XVB7C21B...	24V Base Direct / Tube & Cover
A1, A7, A11	XVB7C31	IO Link Base Direct / Tube & Cover
A1, A8, A11	XVB7C51	USB Base Direct / Tube & Cover
A1, A9, A11	XVB7C61	M12 Base Direct / Tube & Cover
A1, A10, A11	XVB7C21M...	AC Base Direct / Tube & Cover
A2	XVB7C9S...	2 Tones Buzzer
A2	XVB7C9T	8 Tones Buzzer
A2	XVB7C9SS	Self-Adjust Sounder 1 Tone
A3	XVB7L2...	Beacon Steady Lens
	XVB7L6...	Beacon Flashing Lens
A4	XVB7C9V	Editable Voice Alarm
A5	XVB7C2...	Steady Lens
	XVB7C5...	Blinking Lens
	XVB7C6...	Flashing Lens
	XVB7CR...	Rotating Lens
	XVB7CM9	Multi-function Clear lens
A12	XVZ00	1/2" NPT Adapter
A13	XVZ02...	Plastic Fixing Plate With Pole
A14	XVZ100	Alu Ø25mm Pole 100mm Length
A15	XVZ250	Alu Ø25mm Pole 250mm Length
A16	XVZ400	Alu Ø25mm Pole 400mm Length
A17	XVZ800	Alu Ø25mm Pole 800mm Length
A18	XVZ100T	L Bracket Alu Ø25mm Pole 100mm
A19	XVZ250T	L Bracket Alu Ø25mm Pole 250mm
A20	XVZ01...	Plastic Fixing Plate
A21	XVZ11	Metal Fixing Plate
A22	XVZ06...	Plastic Foldable Bracket
A23	XVZ09	Plastic Wall Mount Bracket

A24	XVZ07	Side Entry Adapter
A25	XVZ08	Magnetic Adapter

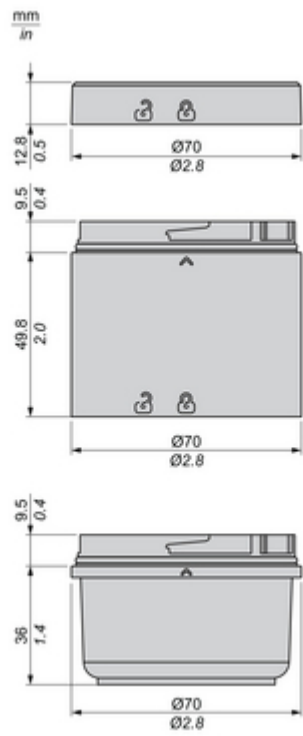
Connections and Schema

Wiring



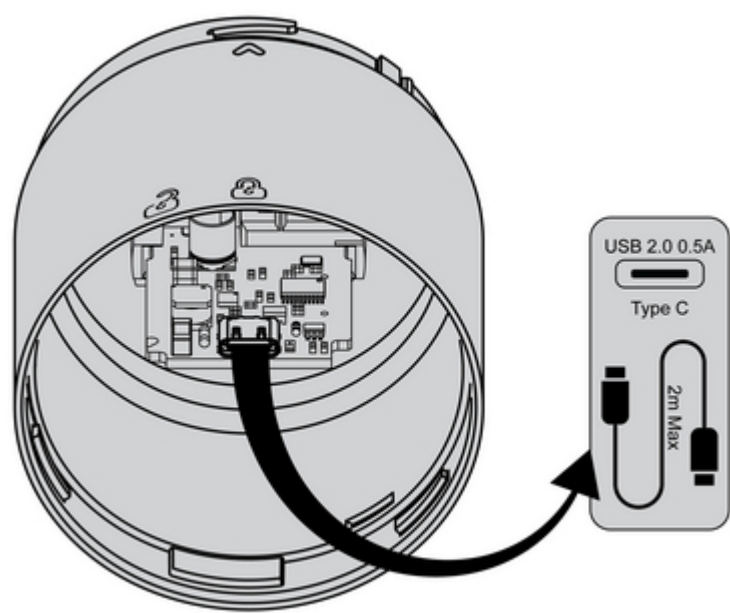
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XVB7



Sustainability: high brightness with low power consumption realized via energy efficient LED



Elevated design with a modern twist to enhance machine aesthetic



Modular design for adaptability, ease of maintenance and low inventory





Wide base variety with the option to be connected via USB & IO-link base



Adjustable and customizable sounder with maximum sound pressure of up to 102dB

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Harmony XVB7

Conformity with IEC, CUL and CCC standards, as well as CE marking

Up to IP66 and type 4X protection ratings

High shock and vibration resistance up to 6g



Energy efficient LED with operating life up to 50,000 hours

Save up to 75% wiring time with M12 connection and push-in terminal

High brightness level with illuminance up to 3000cd/m2

Image of product / Alternate images

Alternative







Image of product in real life situation

