

Product data sheet

Specifications



Base Module, Harmony XVB7 Modular Tower Light, Ø70mm, M12 Connector Base With Adapter And Cover, Grey

XVB7C61

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	M12
Communication Port Protocol	-
Fixing Mode	Direct or tube fixing
Mounting position	Upright/inverted
Assembly style	Up to 4 Modules (3 lens + 1 sound or 4 lens)
Material	Polycarbonate
Housing Colour	Dark grey
Product Weight	0.637 lb(US) (0.289 kg)

Complementary

[Ue] rated operational voltage	24 V AC 50/60 Hz 24 V DC
Rated operational voltage limits	21.6...26.4 V AC/DC
Electrical shock protection class	Class II
Current consumption	0 mA
Output current	2000 mA max
Connections - terminals	M12, 5 Pol Male, A-Coded port
Type of Cable	M12 cable 15cm
[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	Type 4/4X/12/13 indoor use only
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	US100XV22612
Discount Schedule	00XV
GTIN	3606487129257
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.09 in (18 cm)
Package 1 Width	2.85 in (7.25 cm)
Package 1 Length	2.85 in (7.25 cm)
Package 1 Weight	11.2 oz (318 g)
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	22.05 lb(US) (10 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	240
Package 3 Height	28.35 in (72 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	194.7 lb(US) (88.3 kg)

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	
Carbon footprint (kg CO2 eq, Total Life cycle)	66
Environmental Disclosure	Product Environmental Profile

Use Better

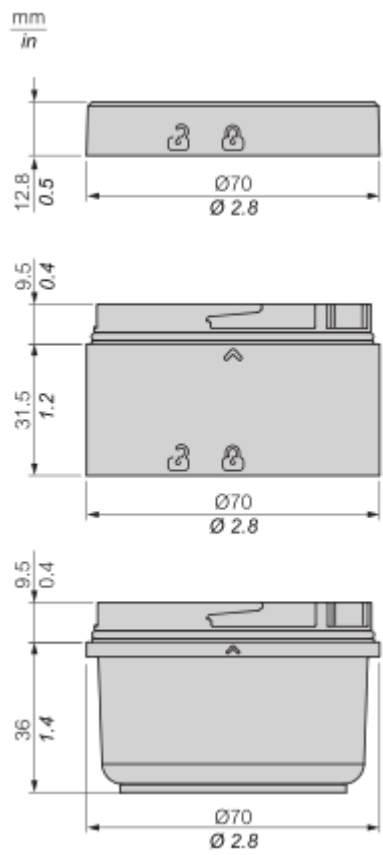
Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which 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 Again

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

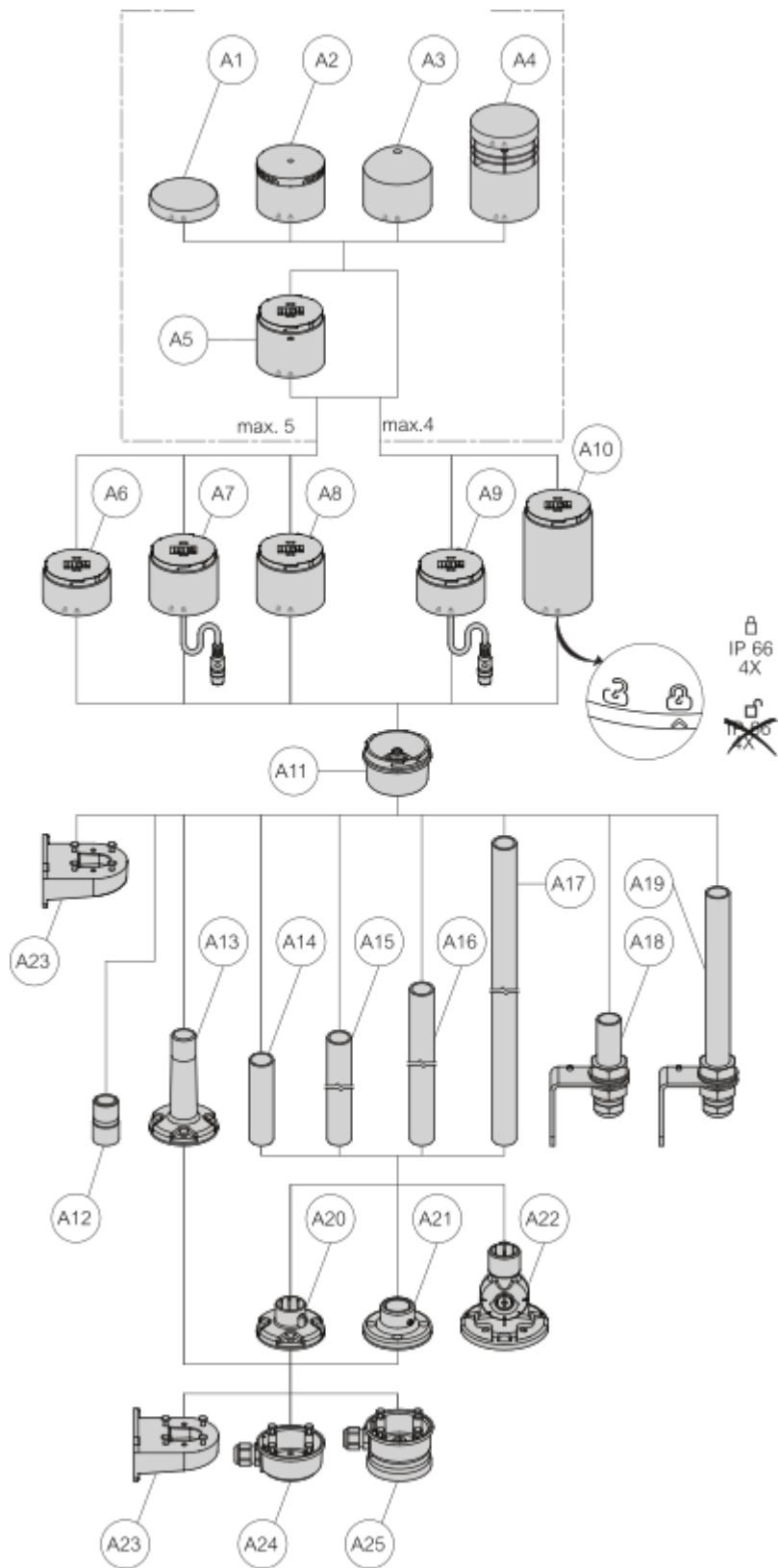
Dimensions Drawings

Dimensions



Mounting and Clearance

Mounting Overview



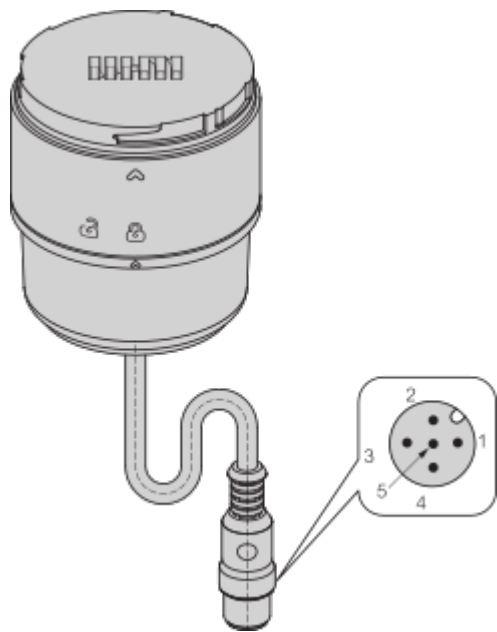
Drawing	Part Number	Part Description
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A1, A6, A11	XVB7C21B...	24V Base Direct / Tube & Cover
A1, A7, A11	XVB7C31	IO Link Base Direct / Tube & Cover
A1, A8, A11	XVB7C51	USB Base Direct / Tube & Cover
A1, A9, A11	XVB7C61	M12 Base Direct / Tube & Cover
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

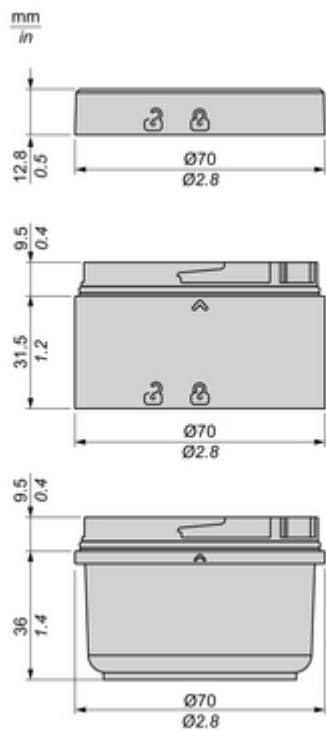
Wiring



M12	XVB7C61
Pin 1	X1
Pin 2	X2
Pin 3	X0 (COM) Recommended Fuse (2.5A, 125V)
Pin 4	X3
Pin 5	X4

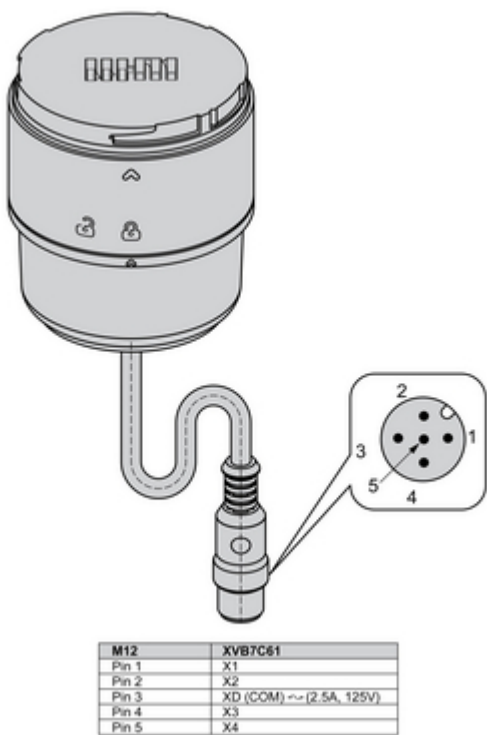
Technical Illustration

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





