Product datasheet

Specifications

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

XVB7C61

EAN Code: 3606487129257

Main

Range of product	Harmony XVB7
Product or component type	Base module
Device composition	Base direct/tube & cover
Device short name	XVB7
Mounting diameter	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
Net weight	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	-25…60 °C
Ambient air temperature for storage	-40…70 °C
IP degree of protection	IP66

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Environmental Type ratings	Type 4/4X/12/13 indoor use only
Vibration resistance	6 gn, amplitude = +/- 0.5 mm (f = 10…500 Hz)in operation
Shock resistance	30 gn (duration = 6 ms) for 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.300 cm
Package 1 Width	7.500 cm
Package 1 Length	13.000 cm
Package 1 Weight	180.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.893 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	**66**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances
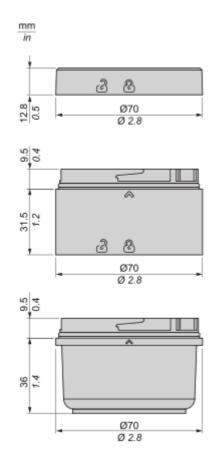
Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

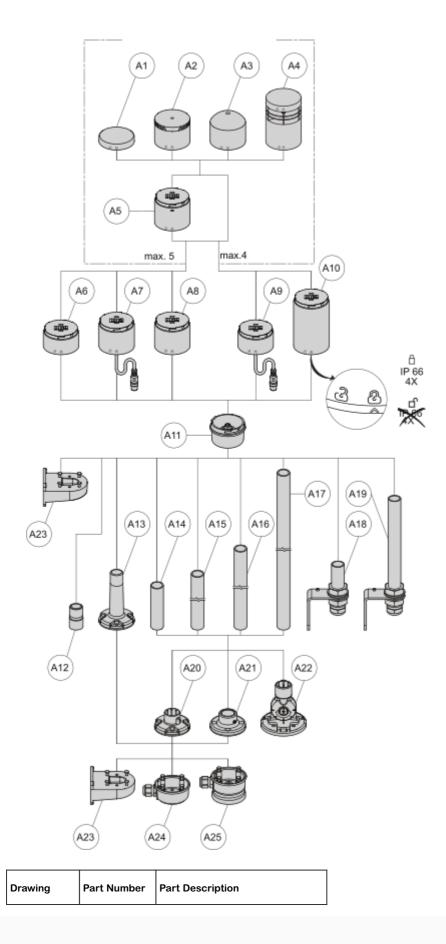|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Dimensions Drawings

Dimensions

$\dfrac{mm}{in}$

12.8 / 0.5

Ø70
Ø 2.8

9.5 / 0.4

31.5 / 1.2

Ø70
Ø 2.8

9.5 / 0.4

36 / 1.4

Ø70
Ø 2.8

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Mounting and Clearance

Mounting Overview

A1　A2　A3　A4

A5

max. 5　max.4

A6　A7　A8　A9　A10

IP 66
4X

A11

A23

A13　A14　A15　A16　A17　A19

A18

A12　A20　A21　A22

A23　A24　A25

Drawing	Part Number	Part Description

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

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A24	XVZ07	Side Entry Adapter
A25	XVZ08	Magnetic Adapter

Connections and Schema
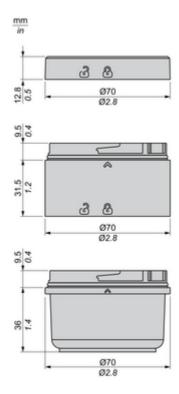
Wiring

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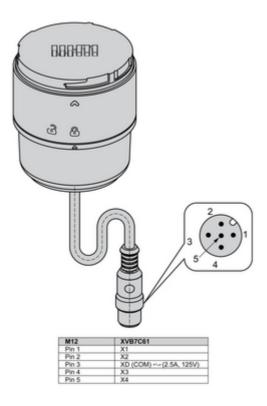
Technical Illustration

Dimensions

Technical Illustration

Wiring diagram

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

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

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

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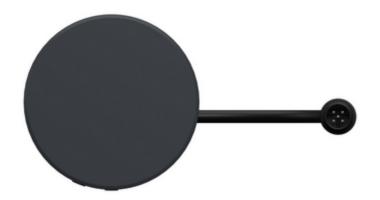
Image of product / Alternate images

Alternative

Product datasheet

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Image of product in real life situation