

# Product datasheet

Specifications



## Base Module, Harmony XVB7 Modular Tower Light, Ø70mm, 24V AC/DC base with adapter and cover, Grey

XVB7C21B

EAN Code: 3606487129219

### 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       | 24V                                          |
| Communication port protocol | -                                            |
| 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                                    |
| Net weight                  | 0.164 kg                                     |

### Complementary

|                                        |                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage         | 24 V AC 50/60 Hz<br>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                | Spring clamp terminals (push 'n stay), 6 x 0.25...6 x 1.5 mm <sup>2</sup> with cable end<br>Spring clamp terminals (push 'n stay), 6 x 0.25...6 x 1.5 mm <sup>2</sup> without cable end |
| 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 | -25...60 °C |
| Ambient air temperature for storage   | -40...70 °C |
| IP degree of protection               | IP66        |

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

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| 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<br>IEC 60947-5-1<br>CSA C22.2 No 60947-5-1    |
| Product certifications     | cULus<br>CCC<br>RCM<br>UKCA<br>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              | 13.000 cm |
| Package 1 Length             | 7.300 cm  |
| Package 1 Weight             | 144.000 g |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 30        |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 4.786 kg  |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 240       |
| Package 3 Height             | 75.000 cm |
| Package 3 Width              | 60.000 cm |
| Package 3 Length             | 80.000 cm |
| Package 3 Weight             | 46.288 kg |

## Logistical informations

|                   |    |
|-------------------|----|
| Country of origin | DE |
|-------------------|----|

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

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 | 2                                             |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

Use Better

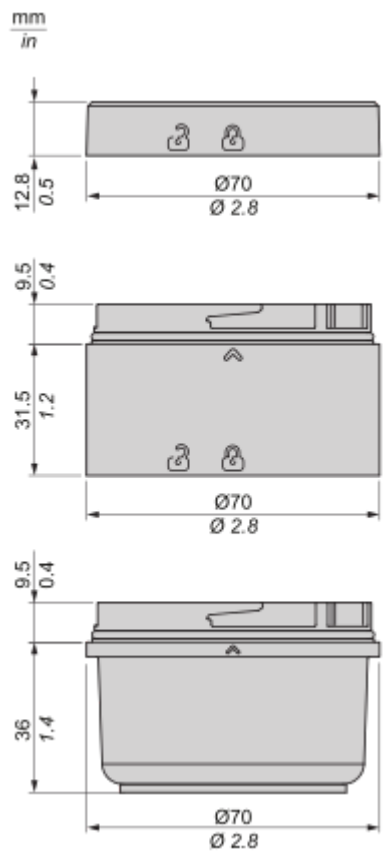
| Materials and Substances               |                                   |
|----------------------------------------|-----------------------------------|
| Packaging made with recycled cardboard | No                                |
| Packaging without single use plastic   | No                                |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions         |
| REACH Regulation                       | <a href="#">REACH Declaration</a> |

Use Again

| Repack and remanufacture        |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| 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 |

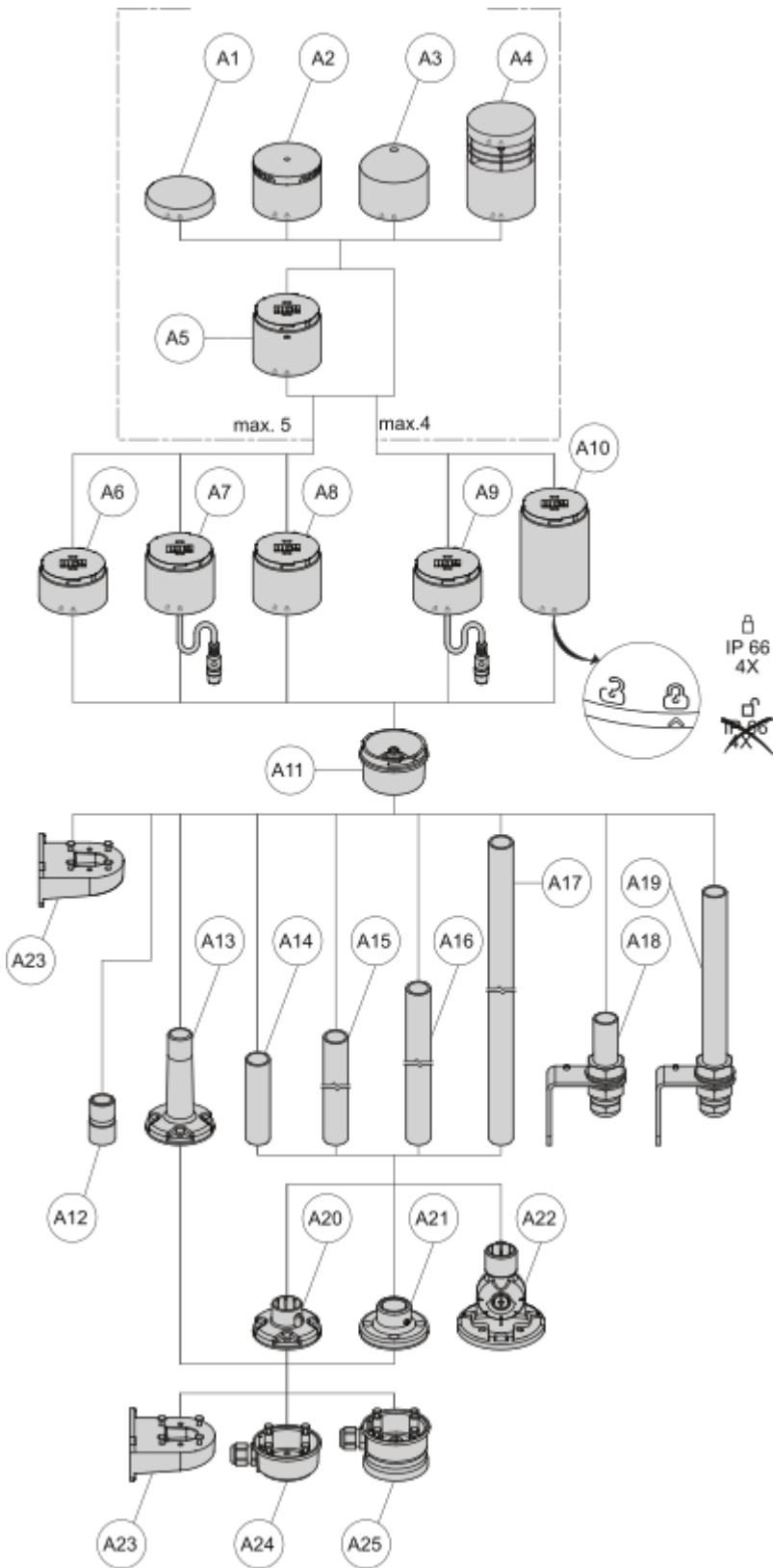
Dimensions Drawings

Dimensions



Mounting and Clearance

Mounting Overview



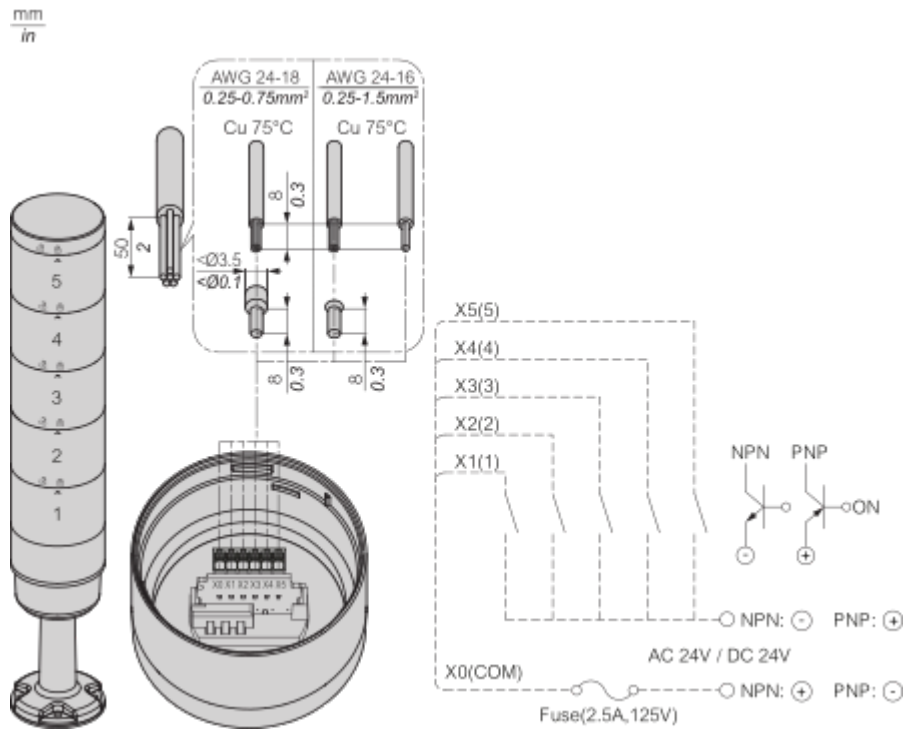
| Drawing | Part Number | Part Description |
|---------|-------------|------------------|
|---------|-------------|------------------|

|              |             |                                    |
|--------------|-------------|------------------------------------|
| 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   |

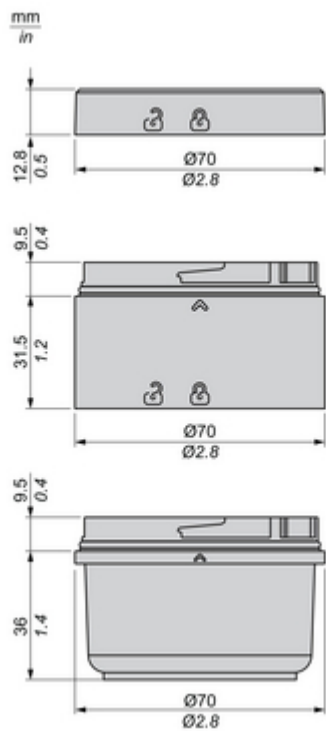
Connections and Schema

Wiring



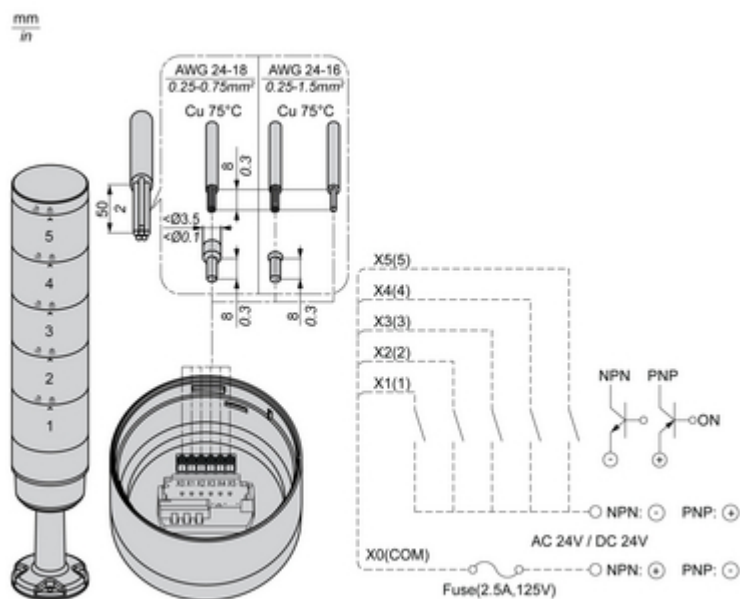
Technical Illustration

Dimensions



## Technical Illustration

### Wiring diagram



Offer Marketing Illustration

Product benefits / Features

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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

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### 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

Image of product / Alternate images

Alternative

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