



Harmony XVB modular tower lights

Signaling units Ø 70

Quick access to product information

Get technical information about your product

References

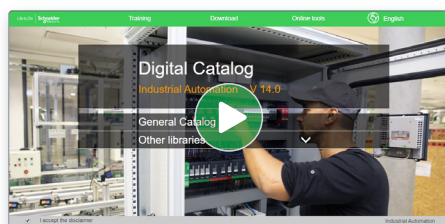
Modicon TM3
I/O expansion modules for Modicon controllers
Analog I/O modules

Number and type of channels	Input range	Output range	Resolution	Input/output (mA)	Reference	Weight (kg)
2 voltage/current inputs	-15...+10 VDC 0...+10 VDC 0...20 mA A, 20 mA	15.000 or 10.000 + sign	12.000 or 3.142 15	Source Sink	TM3AI2H TM3AI2HS TM3AI2S	0.110 0.204 0.100
4 voltage/current inputs	-15...+10 VDC 0...+10 VDC 0...20 mA A, 20 mA	15.000 or 10.000 + sign	12.000 or 3.142 15	Source Sink	TM3AI4 TM3AI4S	0.110 0.204
4 voltage/current or temperature inputs (I ₁ , I ₂ , S, T, A, E, C) (RTD: Ni100, Ni1000, Pt100, Pt1000)	-15...+10 VDC 0...+10 VDC 0...20 mA A, 20 mA	15.000 or 10.000 + sign	12.000 or 3.142 15	Source Sink	TM3TI4 TM3TI4S	0.110 0.204
4 differential temperature inputs (I ₁ , I ₂ , S, T, A, E, C) (Non-isolated)	-15...+10 VDC 0...+10 VDC 0...20 mA A, 20 mA	15.000 or 10.000 + sign	12.000 or 3.142 15	Source Sink	TM3TI4D TM3TI4DS	0.110 0.204
8 self-diagnosing	-15...+10 VDC	15.000 or 10.000 + sign	12.000 or 3.142 15	Source Sink	TM3AI8 TM3AI8S	0.110 0.204

Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

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Harmony® XVB modular tower lights

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Harmony type XV **Monolithic tower lights**



Type of products	Pre-assembled and pre-cabled USB tower lights	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 4 units
Diameter	Ø 60 mm/2.362 in.	Ø 60 mm/2.362 in.
Degree of protection conforming to IEC 60529	IP 54	IP 53 and IP 42 (base mounting) IP 23 (direct aluminium tube mounting, aluminium tube mounting and "L" bracket) IP 53 and IP 42 (aluminium tube mounting and fixing plate) IP 40 (aluminium tube mounting and foldable bracket)
Type of signalling	Steady Flashing High flashing Sound	Yes Yes – –
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	With buzzer (volume control and alarm type can be set with HMI) – – Yes – –
Colors of illuminated units	Multi-color LEDs (many possible combinations can be set with HMI) <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue	With buzzer – – Yes – – <input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Amber <input type="checkbox"/> Blue
Connection	USB power cable: - 300 mm/11.81 in. for tube mounting - 400 mm/15.75 in. for direct mounting	Flying leads, length 500 to 560 mm/19.68 to 22.05 in. for tube mounting according to model. Length 900 mm/35.43 in. for base mounting.
Support panel drilling or cut-out	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.236 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.197 in.	Base mounting: 3 x Ø 5 mm/0.197 in. Direct aluminium tube mounting: Ø20/0.787 in. Aluminium tube mounting and "L" bracket: 2 x Ø9/0.354 in. Aluminium tube mounting and fixing plate: 4 x Ø6/0.236 in. Aluminium tube mounting and foldable bracket: 4 x Ø6/0.236 in.
Type references	XVGU	XVG

Monolithic tower lights



Type of products	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights
Diameter	Ø 40 mm/1.575 in.	Ø 60 mm/2.36 in.	Ø 100 mm/3.937 in.
Degree of protection conforming to IEC 60529	IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation)
Type of signalling	Yes Yes – –	Yes Yes – –	Yes Yes – –
Light sources	With buzzer – – Yes – –	With buzzer – – Yes – –	With siren or buzzer – – Yes – –
Colors of illuminated units	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear
Connection	Flying leads, length 450 mm/17.71 in. to 900 mm/35.43 in. according to model	Flying leads, length 450 mm/17.71 in. to 850 mm/33.46 in. according to model	Flying leads, length 500 mm/19.68 in.
Support panel drilling or cut-out	Mounting on support tube with bracket: 2 x Ø 9 mm/0.354 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in. Other mounting possibilities with accessories	Mounting on support tube with bracket: 2 x Ø 11 mm/0.43 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.197 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: - 3 x Ø 6 mm/0.236 in. (without siren) - 3 x Ø 7 mm/0.276 in. (with siren) Other mounting possibilities with accessories
Type references	XVC4	XVC6	XVC1

Harmony type XV **Modular tower lights**



Type of products	Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units.
Diameter	Ø 70 mm/2.756 in.	Ø 60 mm/2.362 in.
Degree of protection conforming to IEC 60529	IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)	IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting unit
Type of signalling	Steady Flashing High flashing "Flash" Sound	Yes Yes Yes Yes Yes (buzzer or editable voice)
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	Yes "PROTECTED LED" "PROTECTED LED" Yes -
Colors of illuminated units	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear <input type="checkbox"/> Yellow	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White <input type="checkbox"/> Yellow
Connection	Screw clamp terminals	Spring cage connection terminals
Support panel drilling or cut-out	Mounting on support tube: 4 x Ø 5.5 mm/0.217 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.197 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.177 in. or M4	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.236 in. Flexible wall mounting: 3 x Ø 5 mm/0.197 in. Direct mounting: 2 x Ø 5 mm/0.197 in. 3 x Ø 5 mm/0.197 in. 4 x Ø 5 mm/0.197 in. Mounting on bracket: 2 x Ø 9 mm/0.354 in.
Type references	XVBL, XVBC	XVU

Modular tower lights **Rotating beacons** **Beacons** **Sound solutions**



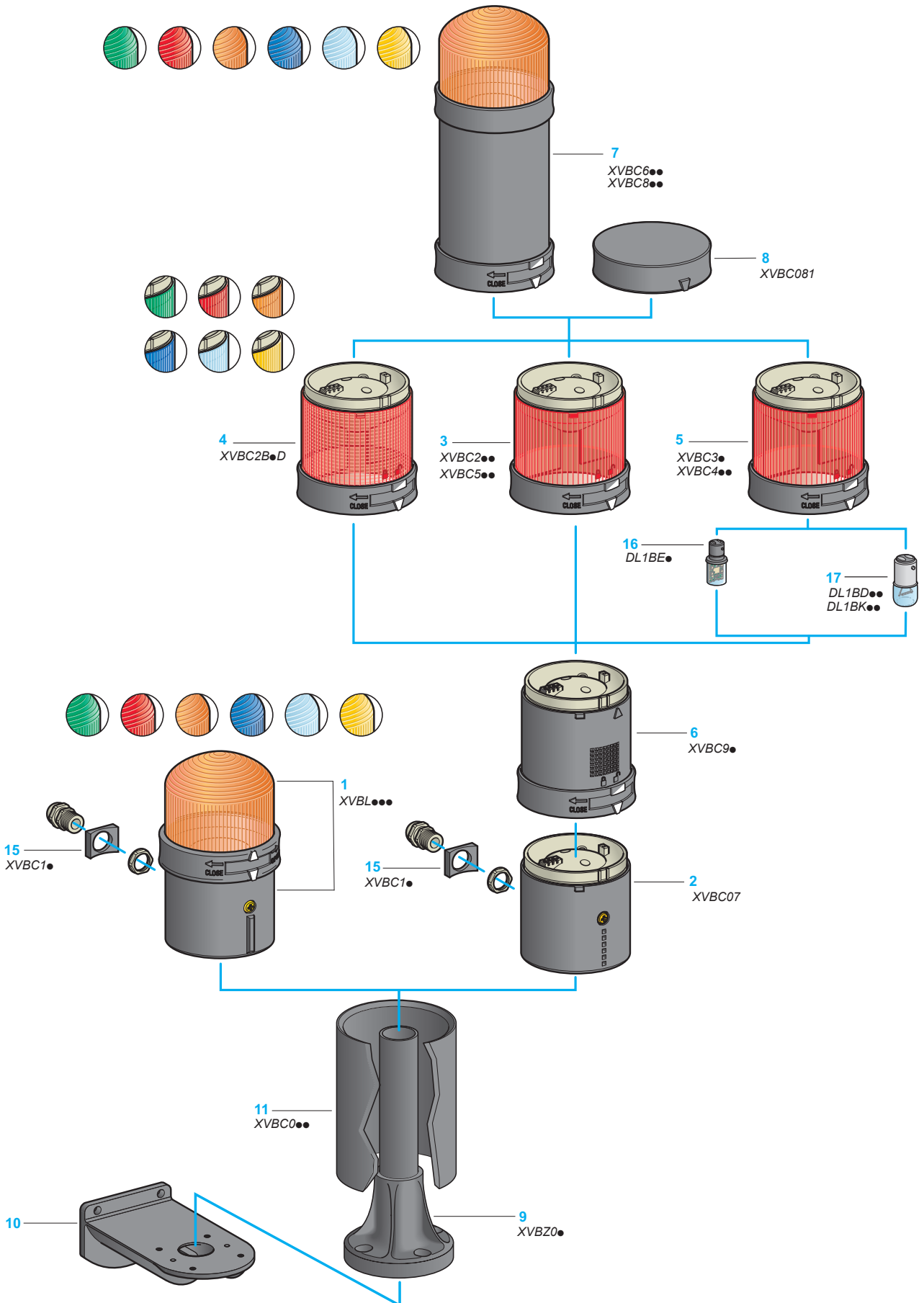
Type of products	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons Pre-cabled motor-less rotating/flashing beacons	Complete miniature beacons	Sirens and electronic alarms
Diameter	Ø 45 mm/1.772 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	Ø 45 mm/1.772 in.	-
Degree of protection conforming to IEC 60529	IP 54 in vertical position (XVM with plastic fixing plate) IP 42 in horizontal position (XVM with metal bracket) IP 40 in other positions (all types of XVM tower lights)	Ø 84 mm/3.31 in. and Ø 106 mm/4.17 in.: IP 23 (IP 65 with accessory) Ø 120 mm/4.72 in.: IP 23 Ø 130 mm/5.12 in.: IP 66 and IP 67 (depending on voltage) Ø 100 mm/3.94 in.: IP 65 for upright position, IP 23 for sideways and inverted position	IP 40	IP 53 (sirens) IP 54 (electronic alarms) IP 65 (editable voice)
Type of signalling	Yes Yes - Yes Yes Yes Yes - Yes	Yes - - - Yes Yes "Super Bright" - - Yes	Yes - - Yes - - Yes	- - - - Yes (editable voice) - - -
Light sources	<input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear <input type="checkbox"/> Yellow	-
Connection	Flying leads, length 300 mm/11.81 in. or screw terminals	Flying leads, length 400 mm/15.75 in. (except XVR08: 500 mm/19.68 in.)	Screw clamp terminals	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Support panel drilling or cut-out	Mounting on bracket: 2 x Ø 9 mm/0.354 in. Mounting on support tube: 4 x Ø 5.5 mm/0.217 in. or M5	Depending on model: - XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.197 in. - XVR10 (Ø 106 mm/4.17 in.): 3 x Ø 5 mm/0.197 in. - XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.236 in. - XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.354 in. - XVR13●●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.276 in. - XVR3 (Ø 100 mm/3.94 in.): 3 x Ø 6 mm/0.236 in.	3 x Ø 3.3 mm/0.130 in. or M3	3 x Ø 6.5 mm/0.256 in.
Type references	XVM	XVR	XVDLS	XVS

Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

Illuminated beacons, tower lights for customer assembly (up to 5 units)



Signaling Units

Modular tower lights

Harmony type XVB Ø 70

Illuminated beacons, tower lights for customer assembly (up to 5 units)

Presentation

The beacons and tower lights of the Harmony XVB range are visual or audible signaling units used for indicating, throughout 360° and at a distance, the various states or operation sequences of a machine or installation. Examples: start, stop machine, no material, call technical staff, fault signaling, etc.

Complete illuminated beacon XVBL

Readily assembled **1** with a single illuminated signaling unit:

- steady light (with incandescent bulb or LED),
- flashing light (with incandescent bulb or LED),
- or "flash" (with discharge tube).

The **XVBL** beacons comprise:

- A base unit with a removable terminal block and a bottom or side cable entry.
- One colored illuminated unit (green, red, orange, blue, clear or yellow).

Customer assembled tower light XVBC

Variable composition of 1 to 5 illuminated or audible units that are supplied as separate items for customer assembly. Maximum configuration: 5 units or 4 units + 1 "flash" unit.

The **XVBC** tower lights comprise:

- A base unit with a removable terminal block and bottom or side cable entry **2**.
- 1 to 5 colored illuminated units (green, red, orange, blue, clear or yellow):
 - with integral LED **3**,
 - with integral LED and diffuser **4** (1),
 - for incandescent bulbs or base mounted LEDs **5**.
- 1 or 2 audible units **6**.
- A maximum of 1 "flash" discharge unit (5 Joule or 10 Joule) **7**, for mounting on top of the bank.
- A top cover **8** (except when using a "flash" discharge tube).
- The illuminated or audible units stack vertically and are easily locked and unlocked using an integral clamping ring. Electrical connections between each unit are made automatically.
- A light diffuser, pre-fitted in illuminated units XVBC2B•D with a base mounted LED, distributes the light evenly over the lens surface. When using the modular tower lights in bright ambient light conditions, remove the diffuser to improve contrast.
- Connection on the AS-Interface cabling system is possible by ordering a dedicated base unit. For more information on AS-Interface, please see our website www.schneider-electric.com.

Accessories for beacons XVBL and tower lights XVBC

- Fixing base comprising a support tube glued into a plastic fixing plate, for a height beneath the base unit of 80, 380 or 780 mm **9**.
- Fixing plate for mounting on vertical support **10**.
- Support tube concealment cover, height 100, 400 or 800 mm **11**.
- Adaptor and 13P cable gland **15**.
- Base mounted LED **16** or incandescent bulb **17** (2).

Mounting, protection and conformity to standards

- Base unit fixed directly onto a panel using 2 screws (IP 66 protection).
- Fixed using a fixing base comprising of an aluminium support tube glued into a plastic fixing plate (IP 65 protection).
- Conformity to EN/IEC 60947-5-1 standard.
- Product certified UL, CSA, CCC, CE, UKCA and EAC.

Cabling

By means of removable terminal block incorporated in base unit (simplified wiring). The screw and captive cable clamp terminals are protected to prevent any accidental contact with live parts.

(1) These enable the position of the various units (illuminated or audible) to be identified in the event of dismantling the bank.

(2) **Warning:** illuminated units with incandescent bulbs must not be combined with LED illuminated units, due to the risk of overheating. Also, when different units (e.g. steady, flashing.) are combined, the maximum temperature is limited to that of the weaker unit.

(3) The diffuser can only be used with LED illuminated units. Not compatible with units fitted with an incandescent bulb or "flash" discharge tube.

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons for incandescent bulbs or LEDs
(BA 15d base fitting)



XVBL33
XVBL4●3



XVBL34
XVBL4●4



XVBL35
XVBL4●5



XVBL36
XVBL4●6



XVBL37
XVBL4●7



XVBL38
XVBL4●8

Illuminated beacons with steady light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Incandescent bulb 7 W max. 250 V max.	Green	XVBL33	0.260/ 0.573
		Red	XVBL34	0.260/ 0.573
		Orange	XVBL35	0.260/ 0.573
		Blue	XVBL36	0.260/ 0.573
		Clear	XVBL37	0.260/ 0.573
		Yellow	XVBL38	0.260/ 0.573

Illuminated beacons with integral flashing light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Incandescent bulb 7 W max. ~ 24 V	Green	XVBL4B3	0.280/ 0.617
	~ 24 V	Red	XVBL4B4	0.280/ 0.617
	~ 24...48 V	Orange	XVBL4B5	0.280/ 0.617
		Blue	XVBL4B6	0.280/ 0.617
		Yellow	XVBL4B8	0.280/ 0.617
	Incandescent bulb 7 W max. ~ 48...230 V	Red	XVBL4M4	0.280/ 0.617
		Orange	XVBL4M5	0.280/ 0.617

(1) Incandescent bulbs and LEDs, see page 15.

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons with LED light source



XVBL0●3
XVBL1●3



XVBL0●4
XVBL1●4



XVBL0●5
XVBL1●5



XVBL0●6
XVBL1●6



XVBL0●7
XVBL1●7



XVBL0●8
XVBL1●8

Illuminated beacons with steady light signaling

Description	Light source	Color	Reference	Weight kg	
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	LED, included ≈ 24 V	Green	XVBL0B3	0.270/ 0.595	
		Red	XVBL0B4	0.270/ 0.595	
		Orange	XVBL0B5	0.270/ 0.595	
		Blue	XVBL0B6	0.270/ 0.595	
		Clear	XVBL0B7	0.270/ 0.595	
		Yellow	XVBL0B8	0.270/ 0.595	
		LED, included ≈ 120 V	Green	XVBL0G3	0.270/ 0.595
			Red	XVBL0G4	0.270/ 0.595
LED, included ≈ 230 V	LED, included ≈ 230 V	Green	XVBL0M3	0.270/ 0.595	
		Red	XVBL0M4	0.270/ 0.595	
		Orange	XVBL0M5	0.270/ 0.595	
		Blue	XVBL0M6	0.270/ 0.595	
		Clear	XVBL0M7	0.270/ 0.595	
		Yellow	XVBL0M8	0.270/ 0.595	

Protected[®]
LED

Illuminated beacons with integral flashing light signaling

Description	Light source	Color	Reference	Weight kg		
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	LED, included ≈ 24 V	Green	XVBL1B3	0.280/ 0.617		
		Red	XVBL1B4	0.280/ 0.617		
		Orange	XVBL1B5	0.280/ 0.617		
		Blue	XVBL1B6	0.280/ 0.617		
		Yellow	XVBL1B8	0.280/ 0.617		
		LED, included ≈ 120 V	Red	XVBL1G4	0.280/ 0.617	
		LED, included ≈ 230 V	LED, included ≈ 230 V	Green	XVBL1M3	0.280/ 0.617
				Red	XVBL1M4	0.280/ 0.617
Orange	XVBL1M5			0.280/ 0.617		
Blue	XVBL1M6			0.280/ 0.617		
Yellow	XVBL1M8			0.280/ 0.617		

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LED

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons with “flash” discharge tube



XVBL6●3
XVBL8●3



XVBL6●4
XVBL8●4

Illuminated beacons with 5 Joule “flash” discharge tube

Description	Light source	Color	Reference	Weight kg	
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Integral “flash” discharge tube ≈ 24 V	Green	XVBL6B3	0.440/ 0.970	
		Red	XVBL6B4	0.440/ 0.970	
		Orange	XVBL6B5	0.440/ 0.970	
		Blue	XVBL6B6	0.440/ 0.970	
		Clear	XVBL6B7	0.440/ 0.970	
		Yellow	XVBL6B8	0.440/ 0.970	
		Integral “flash” discharge tube ~ 120 V	Red	XVBL6G4	0.425/ 0.937
			Orange	XVBL6G5	0.425/ 0.937
Integral “flash” discharge tube ~ 230 V	Red	XVBL6M4	0.435/ 0.959		
	Orange	XVBL6M5	0.435/ 0.959		

Illuminated beacons with 10 Joule “flash” discharge tube

Description	Light source	Color	Reference	Weight kg	
Complete unit comprising: - 1 illuminated unit - 1 base unit for direct fixing (IP 66) or tube fixing (IP 65)	Integral “flash” discharge tube ≈ 24 V	Red	XVBL8B4	0.450/ 0.992	
		Orange	XVBL8B5	0.450/ 0.992	
		Blue	XVBL8B6	0.450/ 0.992	
		Clear	XVBL8B7	0.450/ 0.992	
		Yellow	XVBL8B8	0.450/ 0.992	
		Integral “flash” discharge tube ~ 120 V	Red	XVBL8G4	0.460/ 1.014
			Orange	XVBL8G5	0.460/ 1.014
			Blue	XVBL8G6	0.460/ 1.014
Integral “flash” discharge tube ~ 230 V	Red	XVBL8M4	0.460/ 1.014		
	Orange	XVBL8M5	0.460/ 1.014		



XVBL6●5
XVBL8●5



XVBL6●6
XVBL8p6



XVBL6●7
XVBL8●7



XVBL6●8
XVBL8●8

For use with base unit XVBC●●: see page 14

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units for incandescent bulbs or LEDs (BA 15d base fitting)



XVBC33
XVBC4●3



XVBC34
XVBC4●4



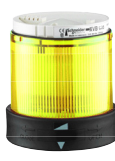
XVBC35
XVBC4●5



XVBC36
XVBC4●6



XVBC37
XVBC4●7



XVBC38
XVBC4●8

Illuminated units with steady light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg
Illuminated units	Incandescent bulb 7 W max. 250 V max. or LED	Green	XVBC33	0.140/ 0.309
		Red	XVBC34	0.140/ 0.309
		Orange	XVBC35	0.140/ 0.309
		Blue	XVBC36	0.140/ 0.309
		Clear	XVBC37	0.140/ 0.309
		Yellow	XVBC38	0.140/ 0.309

Illuminated units with integral flashing light signaling

Description	Light source, to be ordered separately (1)	Color	Reference	Weight kg	
Illuminated units	Incandescent bulb 7 W max. ~ 24 V ~ 24...48 V or LED	Green	XVBC4B3	0.160/ 0.353	
		Red	XVBC4B4	0.160/ 0.353	
		Orange	XVBC4B5	0.160/ 0.353	
		Blue	XVBC4B6	0.160/ 0.353	
		Clear	XVBC4B7	0.160/ 0.353	
		Yellow	XVBC4B8	0.160/ 0.353	
		Incandescent bulb 7 W max. ~ 48...230 V or LED	Green	XVBC4M3	0.160/ 0.353
			Red	XVBC4M4	0.160/ 0.353
Orange	XVBC4M5		0.160/ 0.353		
Blue	XVBC4M6		0.160/ 0.353		
Clear	XVBC4M7	0.160/ 0.353			
Yellow	XVBC4M8	0.160/ 0.353			

(1) Incandescent bulbs and LEDs, see page 15.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units with integral LED

For use with base unit XVBC●●: see page 14



XVBC2●3
XVBC5●3



XVBC2●4
XVBC5●4



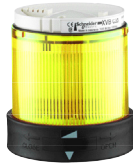
XVBC2●5
XVBC5●5



XVBC2●6
XVBC5●6



XVBC2●7
XVBC5●7



XVBC2●8
XVBC5●8

**Protected
LED**

Illuminated units with steady light signaling

Description	Voltage	Color	Reference	Weight kg
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Illuminated units with integral LED ≈ 24 V

Green	XVBC2B3 (1)	0.150/ 0.331
Red	XVBC2B4 (1)	0.150/ 0.331
Orange	XVBC2B5 (1)	0.150/ 0.331
Blue	XVBC2B6 (1)	0.150/ 0.331
Clear	XVBC2B7 (1)	0.150/ 0.331
Yellow	XVBC2B8 (1)	0.150/ 0.331

~ 120 V

Green	XVBC2G3	0.150/ 0.331
Red	XVBC2G4	0.150/ 0.331
Orange	XVBC2G5	0.150/ 0.331
Blue	XVBC2G6	0.150/ 0.331
Clear	XVBC2G7	0.150/ 0.331
Yellow	XVBC2G8	0.150/ 0.331

~ 230 V

Green	XVBC2M3	0.150/ 0.331
Red	XVBC2M4	0.150/ 0.331
Orange	XVBC2M5	0.150/ 0.331
Blue	XVBC2M6	0.150/ 0.331
Clear	XVBC2M7	0.150/ 0.331
Yellow	XVBC2M8	0.150/ 0.331

**Protected
LED**

Illuminated units with integral flashing light signaling

Description	Voltage	Color	Reference	Weight kg
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Illuminated units with integral LED ≈ 24 V

Green	XVBC5B3	0.170/ 0.375
Red	XVBC5B4	0.170/ 0.375
Orange	XVBC5B5	0.170/ 0.375
Blue	XVBC5B6	0.170/ 0.375
Clear	XVBC5B7	0.170/ 0.375
Yellow	XVBC5B8	0.170/ 0.375

~ 120 V

Red	XVBC5G4	0.170/ 0.375
Orange	XVBC5G5	0.170/ 0.375

~ 230 V

Green	XVBC5M3	0.170/ 0.375
Red	XVBC5M4	0.170/ 0.375
Orange	XVBC5M5	0.170/ 0.375
Blue	XVBC5M6	0.170/ 0.375
Clear	XVBC5M7	0.170/ 0.375
Yellow	XVBC5M8	0.170/ 0.375

(1) To order an illuminated unit with integral LED pre-fitted with light diffuser XVBCZ18, add the letter "D" to the end of the reference. Example: XVBC2B3D.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units with integral “flash” discharge tube

For use with base unit XVBC●●: see page 14



XVBC6●3
XVBC8p3



XVBC6●4
XVBC8●4



XVBC6●5
XVBC8●5



XVBC6●6
XVBC8●6



XVBC6●7
XVBC8●7



XVBC6●8
XVBC8●8

Illuminated units with 5 Joule “flash” discharge tube (1)

Description	Light source	Color	Reference	Weight kg	
Illuminated units	Integral “flash” discharge tube ≈ 24 V	Green	XVBC6B3	0.295/ 0.650	
		Red	XVBC6B4	0.295/ 0.650	
		Orange	XVBC6B5	0.295/ 0.650	
		Blue	XVBC6B6	0.295/ 0.650	
		Clear	XVBC6B7	0.295/ 0.650	
		Yellow	XVBC6B8	0.295/ 0.650	
		Integral “flash” discharge tube ~ 120 V	Red	XVBC6G4	0.280/ 0.617
			Orange	XVBC6G5	0.280/ 0.617
Yellow	XVBC6G8		0.280/ 0.617		
Integral “flash” discharge tube ~ 230 V	Integral “flash” discharge tube ~ 230 V	Green	XVBC6M3	0.290/ 0.639	
		Red	XVBC6M4	0.290/ 0.639	
		Orange	XVBC6M5	0.290/ 0.639	
		Blue	XVBC6M6	0.290/ 0.639	
		Clear	XVBC6M7	0.290/ 0.639	
		Yellow	XVBC6M8	0.290/ 0.639	

Illuminated units with 10 Joule “flash” discharge tube (1)

Description	Light source	Color	Reference	Weight kg
Illuminated units	Integral “flash” discharge tube ≈ 24 V	Green	XVBC8B3	0.305/ 0.672
		Red	XVBC8B4	0.305/ 0.672
		Orange	XVBC8B5	0.305/ 0.672
		Blue	XVBC8B6	0.305/ 0.672
		Clear	XVBC8B7	0.305/ 0.672
		Yellow	XVBC8B8	0.305/ 0.672
		Integral “flash” discharge tube ≈ 48 V	Integral “flash” discharge tube ≈ 48 V	Orange
Red	XVBC8G4			0.315/ 0.694
Integral “flash” discharge tube ~ 120 V	Integral “flash” discharge tube ~ 120 V	Orange	XVBC8G5	0.315/ 0.694
		Blue	XVBC8G6	0.315/ 0.694
		Yellow	XVBC8G8	0.315/ 0.694
		Integral “flash” discharge tube ~ 230 V	Integral “flash” discharge tube ~ 230 V	Red
Orange	XVBC8M5			0.315/ 0.694
Blue	XVBC8M6			0.315/ 0.694
Clear	XVBC8M7			0.315/ 0.694
Yellow	XVBC8M8			0.315/ 0.694

(1) **Warning:** illuminated units with a “flash” discharge tube are not suitable for steady light signaling due to the heat generated.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Audible units, base units, cover, accessories



XVBC9●



XVBC21



XVBC07



XVBC081



XVBC14

Audible units			
Description	Characteristics	Reference	Weight kg
Buzzer, 90 dB at 1 m Adjustable with microswitch: - from 70 to 90 dB - continuous or intermittent tone	≈ 12...48 V	XVBC9B	0.170/ 0.375
	≈ 120...230 V	XVBC9M	0.180/ 0.397

Base units - for direct (IP 66) or tube fixing				
Description	For use with	Type	Reference	Weight kg
Base unit + cover with bottom or side cable entry	Modular tower lights without "flash" discharge tube unit	Standard	XVBC21	0.190/ 0.419
Base unit only with bottom or side cable entry	Modular tower lights with "flash" discharge tube unit	Standard	XVBC07	0.160/ 0.353
Base unit + cover with side cable entry	All types of modular tower lights	AS-Interface (1)	XVBC21A	—
Base unit + cover with bottom entry, pre-cabled (length 1 m) and fitted with M12 end connector	All types of modular tower lights	AS-Interface (1)	XVBC21B	—

Accessories specific to tower lights XVBC			
Description	Application	Unit reference	Weight kg
Cover only	For use with XVBC2, XVBC3, XVBC4, XVBC5 and XVBC9	XVBC081	0.030/ 0.066
Adaptor for side entry through base unit	With 13P cable gland	XVBC14	0.015/ 0.033

(1) For further information on AS-Interface connections, refer to our "Industrial communication in machines and installations" catalog.

Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

Illuminated beacons, tower lights for customer assembly
(up to 5 units)



XVBZ02

XVBZ03/Z04



XVBC020



XVBZ01



XVUZ12

Accessories common to beacons XVBL and tower lights XVBC

Description	Height under base unit (mm)	Color	Reference	Weight kg
Fixing bases comprising Ø 25 mm aluminium support tube glued into a black plastic fixing plate (IP 65)	80	Black aluminium	XVBZ02	0.110/ 0.242
		Aluminium	XVBZ02A	0.110/ 0.242
	380	Black aluminium	XVBZ03	0.200/ 0.441
		Aluminium	XVBZ03A	0.200/ 0.441
	780	Black aluminium	XVBZ04	0.325/ 0.716
		Aluminium	XVBZ04A	0.325/ 0.716

Description	For use with	Material	Reference	Weight kg
Support tube concealment cover	Support tubes XVBZ02 , XVBZ02A	ABS	XVBC020	0.080
	Support tubes XVBZ03 , XVBZ03A	ABS	XVBC030	0.305
Fixing plate for use on horizontal support	Ø 25 mm aluminium support tube	Plastic	XVBZ01	0.050
Fixing plate for use on vertical support	Base unit (direct mounting), fixing plate XVBZ01 or fixing bases XVBZ0●	Zamak	XVUZ12	0.380

(1) **Warning:** illuminated units with incandescent bulbs must not be combined with LED illuminated units, due to the risk of overheating. Also, when different units (e.g. steady, flashing...) are combined, the maximum temperature is limited to that of the weaker unit.



Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

Illuminated beacons, tower lights for customer assembly
(up to 5 units)

Accessories common to beacons XVBL and tower lights XVBC

Description	Characteristics	Sold in lots of	Unit reference	Weight kg			
Incandescent bulbs (1) BA 15d base fitting	12 V	7 W	10	DL1BEJ	0.090		
	24 V	6.5 W	10	DL1BEB	0.090		
	48 V	6 W	10	DL1BEE	0.090		
	120 V	7 W	10	DL1BEG	0.090		
	230 V	7 W	10	DL1BEM	0.090		
LEDs (1) BA 15d base fitting 	~ 24 V	White	1	DL1BDB1	0.015		
		Green	1	DL1BDB3	0.015		
		Red	1	DL1BDB4	0.015		
		Orange	1	DL1BDB5	0.015		
		Blue	1	DL1BDB6	0.015		
		Yellow	1	DL1BDB8	0.015		
		~ 120 V	White	1	DL1BDG1	0.015	
			Green	1	DL1BDG3	0.015	
	Red		1	DL1BDG4	0.015		
	Orange		1	DL1BDG5	0.015		
	Blue		1	DL1BDG6	0.015		
	Yellow		1	DL1BDG8	0.015		
	~ 230 V		White	1	DL1BDM1	0.015	
			Green	1	DL1BDM3	0.015	
		Red	1	DL1BDM4	0.015		
		Orange	1	DL1BDM5	0.015		
		Blue	1	DL1BDM6	0.015		
		Yellow	1	DL1BDM8	0.015		
		Flashing LEDs (1) BA 15d base fitting 	~ 24 V	White	1	DL1BKB1	0.015
				Green	1	DL1BKB3	0.015
	Red			1	DL1BKB4	0.015	
	Orange			1	DL1BKB5	0.015	
	Blue			1	DL1BKB6	0.015	
	Yellow			1	DL1BKB8	0.015	
~ 120 V	Red		1	DL1BKG4	0.015		
~ 230 V	White		1	DL1BKM1	0.015		
	Green		1	DL1BKM3	0.015		
	Red		1	DL1BKM4	0.015		

(1) **Warning:** illuminated units with incandescent bulbs must not be combined with LED illuminated units, due to the risk of overheating. Also, when different units (e.g. steady, flashing...) are combined, the maximum temperature is limited to that of the weaker unit.



DL1BEJ



DL1BDG1/DL1BK.../DL1BK...

D					
DL1BDB1	16	XVBC2G4	12	XVBL1M8	9
DL1BDB3	16	XVBC2G5	12	XVBL33	8
DL1BDB4	16	XVBC2G6	12	XVBL34	8
DL1BDB5	16	XVBC2G7	12	XVBL35	8
DL1BDB6	16	XVBC2G8	12	XVBL36	8
DL1BDB8	16	XVBC2M3	12	XVBL37	8
DL1BDG1	16	XVBC2M4	12	XVBL38	8
DL1BDG3	16	XVBC2M5	12	XVBL4B3	8
DL1BDG4	16	XVBC2M6	12	XVBL4B4	8
DL1BDG5	16	XVBC2M7	12	XVBL4B5	8
DL1BDG6	16	XVBC2M8	12	XVBL4B6	8
DL1BDG8	16	XVBC33	11	XVBL4B8	8
DL1BDM1	16	XVBC34	11	XVBL4M4	8
DL1BDM3	16	XVBC35	11	XVBL4M5	8
DL1BDM4	16	XVBC36	11	XVBL6B3	10
DL1BDM5	16	XVBC37	11	XVBL6B4	10
DL1BDM6	16	XVBC38	11	XVBL6B5	10
DL1BDM8	16	XVBC4B3	11	XVBL6B6	10
DL1BEB	16	XVBC4B4	11	XVBL6B7	10
DL1BEE	16	XVBC4B5	11	XVBL6B8	10
DL1BEG	16	XVBC4B6	11	XVBL6G4	10
DL1BEJ	16	XVBC4B7	11	XVBL6G5	10
DL1BEM	16	XVBC4B8	11	XVBL6M4	10
DL1BKB1	16	XVBC4M3	11	XVBL6M5	10
DL1BKB3	16	XVBC4M4	11	XVBL8B4	10
DL1BKB4	16	XVBC4M5	11	XVBL8B5	10
DL1BKB5	16	XVBC4M6	11	XVBL8B6	10
DL1BKB6	16	XVBC4M7	11	XVBL8B7	10
DL1BKB8	16	XVBC4M8	11	XVBL8B8	10
DL1BKG4	16	XVBC5B3	12	XVBL8G4	10
DL1BKM1	16	XVBC5B4	12	XVBL8G5	10
DL1BKM3	16	XVBC5B5	12	XVBL8G6	10
DL1BKM4	16	XVBC5B6	12	XVBL8G8	10
		XVBC5B7	12	XVBL8M4	10
		XVBC5B8	12	XVBL8M5	10
X		XVBC5G4	12	XVBZ01	15
XVBC020	15	XVBC5G5	12	XVBZ02	15
XVBC030	15	XVBC5M3	12	XVBZ02A	15
XVBC07	14	XVBC5M4	12	XVBZ03	15
XVBC081	14	XVBC5M5	12	XVBZ03A	15
XVBC14	14	XVBC5M6	12	XVBZ04	15
XVBC21	14	XVBC5M7	12	XVBZ04A	15
XVBC21A	14	XVBC5M8	12	XVUZ12	15
XVBC21B	14	XVBC6B3	13		
XVBC2B3	12	XVBC6B4	13		
XVBC2B4	12	XVBC6B5	13		
XVBC2B5	12	XVBC6B6	13		
XVBC2B6	12	XVBC6B7	13		
XVBC2B7	12	XVBC6B8	13		
XVBC2B8	12	XVBC6G4	13		
XVBC2G3	12				
		XVBC6G5	13		
		XVBC6G8	13		
		XVBC6M3	13		
		XVBC6M4	13		
		XVBC6M5	13		
		XVBC6M6	13		
		XVBC6M7	13		
		XVBC6M8	13		
		XVBC8B3	13		
		XVBC8B4	13		
		XVBC8B5	13		
		XVBC8B6	13		
		XVBC8B7	13		
		XVBC8B8	13		
		XVBC8E5	13		
		XVBC8G4	13		
		XVBC8G5	13		
		XVBC8G6	13		
		XVBC8G8	13		
		XVBC8M4	13		
		XVBC8M5	13		
		XVBC8M6	13		
		XVBC8M7	13		
		XVBC8M8	13		
		XVBC9B	14		
		XVBC9M	14		
		XVBL0B3	9		
		XVBL0B4	9		
		XVBL0B5	9		
		XVBL0B6	9		
		XVBL0B7	9		
		XVBL0B8	9		
		XVBL0G3	9		
		XVBL0G4	9		
		XVBL0M3	9		
		XVBL0M4	9		
		XVBL0M5	9		
		XVBL0M6	9		
		XVBL0M7	9		
		XVBL0M8	9		
		XVBL1B3	9		
		XVBL1B4	9		
		XVBL1B5	9		
		XVBL1B6	9		
		XVBL1B8	9		
		XVBL1G4	9		
		XVBL1M3	9		
		XVBL1M4	9		
		XVBL1M5	9		
		XVBL1M6	9		

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