

Signaling units Ø 70

Harmony[®] XVB modular tower lights

Catalog

September 2013



How to find the “Automation and Control” products

> Catalogs

Complete product ranges



> Essential guides

Selection of the top selling products



General contents

Harmony® XVB modular tower lights

Selection guide page 2

■ Presentation

□ Illuminated beacons, tower lights for customer assembly page 6

■ References

□ Illuminated beacons, type XVBL page 8

□ Tower lights, type XVBC, for customer assembly, up to 5 units page 11

□ Accessories for XVBL and XVBC page 15

■ How to find the “Automation and Control” products

□ Search, visualize, and download page 16

□ Access product references with adapted tools page 18

□ Compare, select, and compile page 20

□ Check the product status, design your equipment page 21

■ **Product reference index** page 22

Harmony® type XV

Monolithic tower lights



Type of products		Complete pre-cabled pilot lights, height 55 mm/2.17 in.	Complete miniature beacons	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 4 units
Diameter		Ø 25 mm/0.98 in.	Ø 45 mm/1.75 in.	Ø 60 mm/2.36 in.
Degree of protection conforming to IEC 60529		IP 40	IP 40	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	–	Yes	Yes
	Flashing	–	–	–
	"Flash"	–	Yes	–
	Sound	–	–	With buzzer
Light sources	Incandescent bulb	Yes	Yes	–
	LED bulb	–	–	–
	Integral LED	–	–	Yes
	"Flash" discharge tube	–	Yes	–
Colors of illuminated units	Halogen bulb	–	–	–
		☐ Green ☐ Red ☐ Clear ☐ Yellow	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Green ☐ Amber ☐ Blue
		Flying leads, length 360 mm/14.17 in.	Screw clamp terminals	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.
		Ø 22 mm/0.87 in. or Ø 30 mm/1.18 in.	3 x Ø 3.3 mm/0.13 in. or M3	Base mounting: 3 x Ø 5 mm/0.20 in. Direct aluminium tube mounting: Ø 20/0.79 in. Aluminium tube mounting and "L" bracket: 2 x Ø 9/0.35 in. Aluminium tube mounting and fixing plate: 4 x Ø 6/0.24 in. Aluminium tube mounting and foldable bracket: 4 x Ø 6/0.24 in.
Type references		XV1CA	XVDLS	XVG



Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled USB tower lights
Ø 40 mm/1.57 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 60 mm/2.36 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 100 mm/3.94 in. IP 54 (flat surface installation)	Ø 60 mm/2.36 in. IP 42
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
–	–	–	–
With buzzer	With buzzer	With siren or buzzer	With buzzer (volume control and alarm type can be set with HMI)
–	–	–	–
–	–	–	–
Yes	Yes	Yes	Yes
–	–	–	–
–	–	–	–
☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	Multi-color LEDs (many possible combinations can be set with HMI) ☐ Red ☐ Orange ☐ Green ☐ Blue
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.	USB power cable: – 300 mm/11.81 in. for tube mounting – 400 mm/15.75 in. for direct mounting
Mounting on support tube with bracket: 2 x Ø 9 mm/0.35 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/0.20 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: – 3 x Ø 6 mm/0.24 in. (without siren) – 3 x Ø 7 mm/0.28 in. (with siren) Other mounting possibilities with accessories	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in.
XVC4	XVC6	XVC1	XVGU

Harmony® type XV		Modular tower lights	
			
Type of products		Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units.
Diameter		Ø 45 mm/1.77 in.	Ø 60 mm/2.36 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)	IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting option
Type of signalling	Steady	Yes	Yes
	Flashing	Yes	Yes
	"Flash"	Yes	Yes
	Sound	Yes	Yes
Light sources	Incandescent bulb	Yes	–
	LED bulb	Yes	–
	Integral LED	–	Yes
	"Flash" discharge tube	Yes	–
		Halogen bulb	–
Colors of illuminated units		☐ Red ☐ Green ☐ Orange ☐ Blue ☐ Clear	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ White ☐ Yellow (only for multi-color unit with above colors)
Connection		Flying leads, length 300 mm/11.81 in. or screw terminals	Spring cage connection terminals
Support panel drilling or cut-out		Mounting on bracket: 2 x Ø 9 mm /0.35 in. Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.24 in. Direct mounting and Flexible wall mounting: 3 x Ø 5 mm/0.196 in.
Type references		XVM	XVU

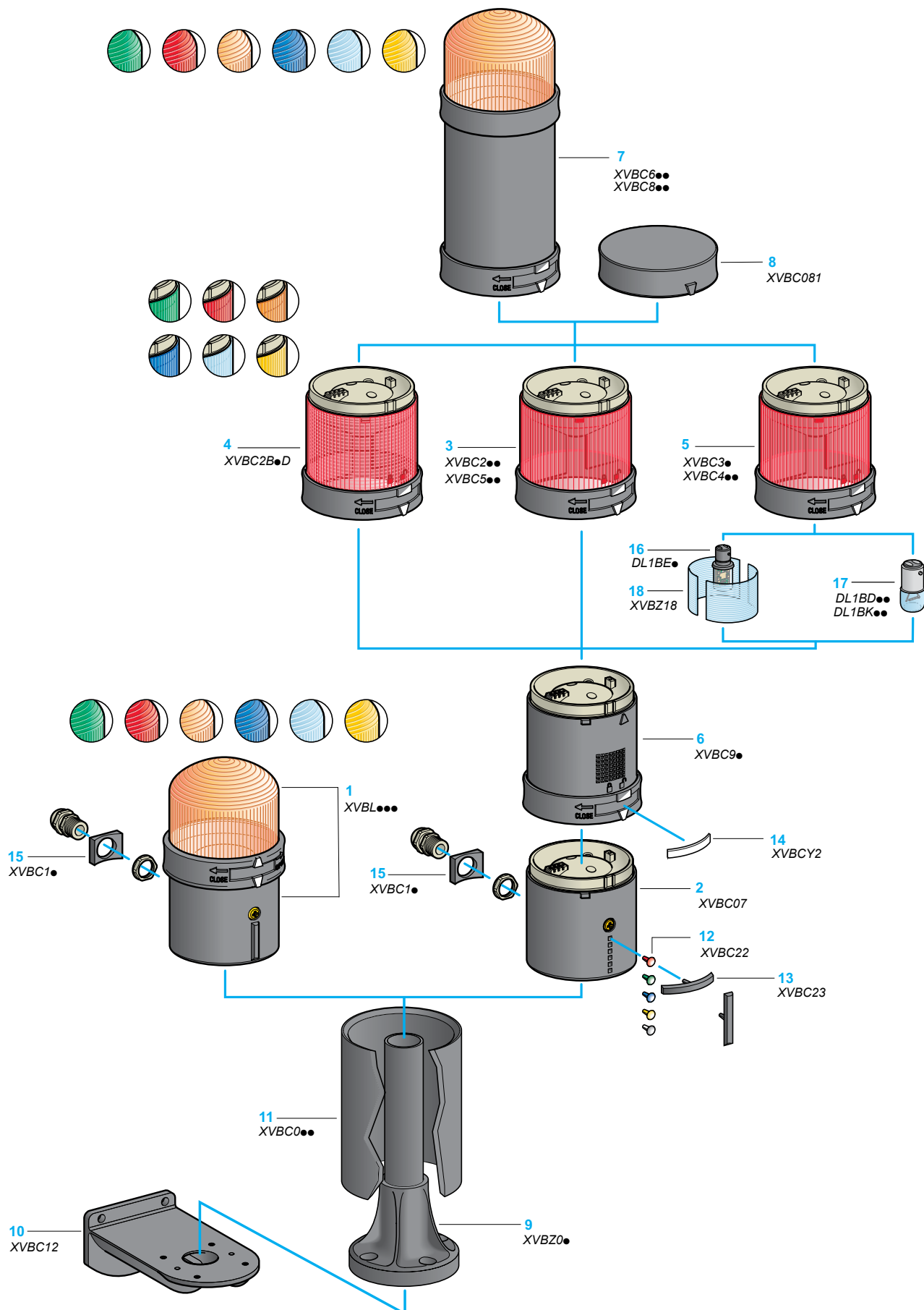
	Rotating beacons	Sound solutions
		
Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons	Sirens and electronic alarms
Ø 70 mm/2.76 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	–
IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)	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)	IP 53 (sirens) IP 54 (electronic alarms)
Yes	Yes	–
Yes	–	–
Yes	–	–
Yes	Yes	Yes
Yes	–	–
"PROTECTED LED"	"Super Bright"	–
"PROTECTED LED"	–	–
Yes	–	–
–	Yes	–
☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Orange ☐ Green ☐ Blue	–
Screw clamp terminals	Flying leads, length 400 mm/15.75 in.(except XVR08: 500 mm/19.68 in.)	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.20 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.18 in. or M4	Depending on model: - XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.20 in. - XVR10 (Ø 106 mm/5.12 in.): 3 x Ø 5 mm/0.20 in. - XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.24 in. - XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.35 in. - XVR13●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.28 in.	3 x Ø 6.5 mm/0.25 in.
XVBL, XVBC	XVR	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.
- Colored markers 12 (1).
- Legend holder with legend 13 (1).
- Legends that attach to locking ring of each signaling unit for identification 14.
- Adaptor and 13P cable gland 15.
- Base mounted LED 16 or incandescent bulb 17 (2).
- Diffuser 18 (3).

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 and GOST.

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)



XVBL3●



XVBL4B●

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
		Red	XVBL34	0.260
		Orange	XVBL35	0.260
		Blue	XVBL36	0.260
		Clear	XVBL37	0.260
		Yellow	XVBL38	0.260

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 --- 24...48 V	Green	XVBL4B3	0.280
		Red	XVBL4B4	0.280
		Orange	XVBL4B5	0.280
		Blue	XVBL4B6	0.280
		Clear	XVBL4B7	0.280
		Yellow	XVBL4B8	0.280
	Incandescent bulb 7 W max. ~ 48...230 V	Green	XVBL4M3	0.280
		Red	XVBL4M4	0.280
		Orange	XVBL4M5	0.280
		Blue	XVBL4M6	0.280
		Clear	XVBL4M7	0.280
		Yellow	XVBL4M8	0.280

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

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons with LED light source



XVBL0B●



XVBL1B●

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
		Red	XVBL0B4	0.270
		Orange	XVBL0B5	0.270
		Blue	XVBL0B6	0.270
		Clear	XVBL0B7	0.270
		Yellow	XVBL0B8	0.270
	LED, included ~ 120 V	Green	XVBL0G3	0.270
		Red	XVBL0G4	0.270
		Orange	XVBL0G5	0.270
		Blue	XVBL0G6	0.270
		Clear	XVBL0G7	0.270
		Yellow	XVBL0G8	0.270
	LED, included ~ 230 V	Green	XVBL0M3	0.270
		Red	XVBL0M4	0.270
		Orange	XVBL0M5	0.270
		Blue	XVBL0M6	0.270
		Clear	XVBL0M7	0.270
		Yellow	XVBL0M8	0.270

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
		Red	XVBL1B4	0.280
		Orange	XVBL1B5	0.280
		Blue	XVBL1B6	0.280
		Clear	XVBL1B7	0.280
		Yellow	XVBL1B8	0.280
	LED, included ~ 120 V	Green	XVBL1G3	0.280
		Red	XVBL1G4	0.280
		Orange	XVBL1G5	0.280
		Blue	XVBL1G6	0.280
		Clear	XVBL1G7	0.280
		Yellow	XVBL1G8	0.280
	LED, included ~ 230 V	Green	XVBL1M3	0.280
		Red	XVBL1M4	0.280
		Orange	XVBL1M5	0.280
		Blue	XVBL1M6	0.280
		Clear	XVBL1M7	0.280
		Yellow	XVBL1M8	0.280

Protected
LED

Signaling Units

Modular tower lights

Harmony® type XVBL Ø 70

Illuminated beacons with “flash” discharge tube



XVBL6B●



XVBL8B●

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
		Red	XVBL6B4	0.440
		Orange	XVBL6B5	0.440
		Blue	XVBL6B6	0.440
		Clear	XVBL6B7	0.440
		Yellow	XVBL6B8	0.440
		Green	XVBL6G3	0.425
		Red	XVBL6G4	0.425
	Integral “flash” discharge tube ~ 120 V	Orange	XVBL6G5	0.425
		Blue	XVBL6G6	0.425
		Clear	XVBL6G7	0.425
		Yellow	XVBL6G8	0.425
		Green	XVBL6M3	0.435
		Red	XVBL6M4	0.435
		Orange	XVBL6M5	0.435
		Blue	XVBL6M6	0.435
	Integral “flash” discharge tube ~ 230 V	Clear	XVBL6M7	0.435
		Yellow	XVBL6M8	0.435

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	Green	XVBL8B3	0.450
		Red	XVBL8B4	0.450
		Orange	XVBL8B5	0.450
		Blue	XVBL8B6	0.450
		Clear	XVBL8B7	0.450
		Yellow	XVBL8B8	0.450
		Green	XVBL8G3	0.460
		Red	XVBL8G4	0.460
	Integral “flash” discharge tube ~ 120 V	Orange	XVBL8G5	0.460
		Blue	XVBL8G6	0.460
		Clear	XVBL8G7	0.460
		Yellow	XVBL8G8	0.460
		Green	XVBL8M3	0.460
		Red	XVBL8M4	0.460
		Orange	XVBL8M5	0.460
		Blue	XVBL8M6	0.460
	Integral “flash” discharge tube ~ 230 V	Clear	XVBL8M7	0.460
		Yellow	XVBL8M8	0.460

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)



XVBC3●



XVBC4●●

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
		Red	XVBC34	0.140
		Orange	XVBC35	0.140
		Blue	XVBC36	0.140
		Clear	XVBC37	0.140
		Yellow	XVBC38	0.140

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
		Red	XVBC4B4	0.160
		Orange	XVBC4B5	0.160
		Blue	XVBC4B6	0.160
		Clear	XVBC4B7	0.160
		Yellow	XVBC4B8	0.160
	Incandescent bulb 7 W max. ~ 48...230 V or LED	Green	XVBC4M3	0.160
		Red	XVBC4M4	0.160
		Orange	XVBC4M5	0.160
		Blue	XVBC4M6	0.160
		Clear	XVBC4M7	0.160
		Yellow	XVBC4M8	0.160

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

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 with integral LED



XVBC2●●



XVBC5●●

Illuminated units with steady light signaling				
Description	Voltage	Color	Reference	Weight kg
Illuminated units with integral LED	≈ 24 V	Green	XVBC2B3 (1)	0.150
		Red	XVBC2B4 (1)	0.150
		Orange	XVBC2B5 (1)	0.150
		Blue	XVBC2B6 (1)	0.150
		Clear	XVBC2B7 (1)	0.150
		Yellow	XVBC2B8 (1)	0.150
	~ 120 V	Green	XVBC2G3	0.150
		Red	XVBC2G4	0.150
		Orange	XVBC2G5	0.150
		Blue	XVBC2G6	0.150
		Clear	XVBC2G7	0.150
		Yellow	XVBC2G8	0.150
	~ 230 V	Green	XVBC2M3	0.150
		Red	XVBC2M4	0.150
		Orange	XVBC2M5	0.150
		Blue	XVBC2M6	0.150
		Clear	XVBC2M7	0.150
		Yellow	XVBC2M8	0.150

Illuminated units with integral flashing light signaling				
Description	Voltage	Color	Reference	Weight kg
Illuminated units with integral LED	≈ 24 V	Green	XVBC5B3	0.170
		Red	XVBC5B4	0.170
		Orange	XVBC5B5	0.170
		Blue	XVBC5B6	0.170
		Clear	XVBC5B7	0.170
		Yellow	XVBC5B8	0.170
	~ 120 V	Green	XVBC5G3	0.170
		Red	XVBC5G4	0.170
		Orange	XVBC5G5	0.170
		Blue	XVBC5G6	0.170
		Clear	XVBC5G7	0.170
		Yellow	XVBC5G8	0.170
	~ 230 V	Green	XVBC5M3	0.170
		Red	XVBC5M4	0.170
		Orange	XVBC5M5	0.170
		Blue	XVBC5M6	0.170
		Clear	XVBC5M7	0.170
		Yellow	XVBC5M8	0.170

(1) To order an illuminated unit with integral LED pre-fitted with light diffuser XVZ18, add the letter "D" to the end of the reference. Example: XVBC2B3D.

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 with integral “flash” discharge tube



XVBC6●●



XVBC8●●

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
		Red	XVBC6B4	0.295
		Orange	XVBC6B5	0.295
		Blue	XVBC6B6	0.295
		Clear	XVBC6B7	0.295
		Yellow	XVBC6B8	0.295
	Integral “flash” discharge tube ~ 120 V	Green	XVBC6G3	0.280
		Red	XVBC6G4	0.280
		Orange	XVBC6G5	0.280
		Blue	XVBC6G6	0.280
		Clear	XVBC6G7	0.280
		Yellow	XVBC6G8	0.280
	Integral “flash” discharge tube ~ 230 V	Green	XVBC6M3	0.290
		Red	XVBC6M4	0.290
		Orange	XVBC6M5	0.290
		Blue	XVBC6M6	0.290
		Clear	XVBC6M7	0.290
		Yellow	XVBC6M8	0.290

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
		Red	XVBC8B4	0.305
		Orange	XVBC8B5	0.305
		Blue	XVBC8B6	0.305
		Clear	XVBC8B7	0.305
		Yellow	XVBC8B8	0.305
	Integral “flash” discharge tube ≈ 48 V	Orange	XVBC8E5	0.315
	Integral “flash” discharge tube ~ 120 V	Green	XVBC8G3	0.315
		Red	XVBC8G4	0.315
		Orange	XVBC8G5	0.315
		Blue	XVBC8G6	0.315
		Clear	XVBC8G7	0.315
		Yellow	XVBC8G8	0.315
	Integral “flash” discharge tube ~ 230 V	Green	XVBC8M3	0.315
		Red	XVBC8M4	0.315
		Orange	XVBC8M5	0.315
		Blue	XVBC8M6	0.315
		Clear	XVBC8M7	0.315
		Yellow	XVBC8M8	0.315

(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

821007



XVBC9●

101396SE



XVBC07

107930SE



XVBC081

DF54020



XVBCZ18

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 ≈ 120...230 V	XVBC9B XVBC9M	0.170 0.180

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
Base unit only with bottom or side cable entry	Modular tower lights with "flash" discharge tube unit	Standard	XVBC07	0.160
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
Set of 6 colored markers	For identification of the position of units in the event of dismantling the modular tower light	XVBC22	0.001
Set of 5 legend holders	For identification of stacked units on base unit	XVBC23	0.002
Sheet of 85 legends	For use with base unit legend holder XVBC23	XVBCY1	0.005
Sheet of 52 legends	For identification of stacked units, used on locking ring	XVBCY2	0.005
Adaptor for side entry through base unit	With 13P cable gland	XVBC14	0.015
SIS labelling software (in English, French, German, Italian and Spanish)	For creating legends	XBY2U	0.100
Light diffuser, clear plastic (Sold in boxes)	Only for use with LED illuminated units (all colors) One box allows to equip 5 illuminated units.	XVBCZ18	0.080

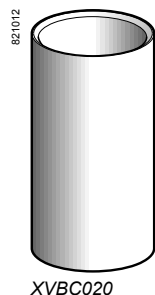
(1) For further information on AS-Interface connections, refer to our "Industrial communication in machines and installations" catalog.

Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

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



Accessories common to beacons XVB and tower lights XVC

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
		Aluminium	XVBZ02A	0.110
	380	Black aluminium	XVBZ03	0.200
		Aluminium	XVBZ03A	0.200
	780	Black aluminium	XVBZ04	0.325
		Aluminium	XVBZ04A	0.325

Description	For use with	Material	Reference	Weight kg
Support tube concealment cover	Support tubes XVBZ02, XVBZ02A	ABS	XVC020	0.080
	Support tubes XVBZ03, XVBZ03A	ABS	XVC030	0.305
	Support tubes XVBZ04, XVBZ04A	ABS	XVC040	0.610

Ø 25 mm aluminium support tube	Fixing plate XVBZ01 (to be glued into the plastic fixing plate)	Plastic	XVBZ14	0.690
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Fixing plate for use on horizontal support	Ø 25 mm aluminium support tube	Plastic	XVBZ01	0.050
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Fixing plate for use on vertical support	Base unit (direct mounting), fixing plate XVBZ01 or fixing bases XVBZ0●	Zamak	XVC12	0.380
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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	White	1	DL1BKG1	0.015
		Green	1	DL1BKG3	0.015
		Red	1	DL1BKG4	0.015
		Orange	1	DL1BKG5	0.015
		Blue	1	DL1BKG6	0.015
		Yellow	1	DL1BKG8	0.015
	~ 230 V	White	1	DL1BKM1	0.015
		Green	1	DL1BKM3	0.015
		Red	1	DL1BKM4	0.015
		Orange	1	DL1BKM5	0.015
		Blue	1	DL1BKM6	0.015
		Yellow	1	DL1BKM8	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.

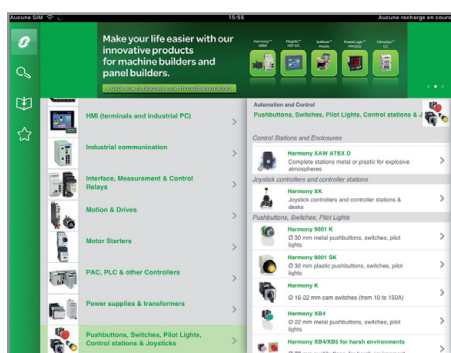
Search, visualize, and download

Use your tablet or your PC to quickly access detailed and comprehensive information on our products

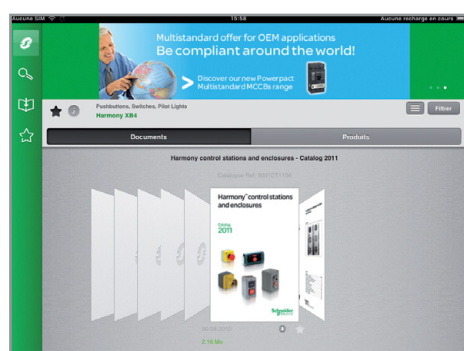


Tablets

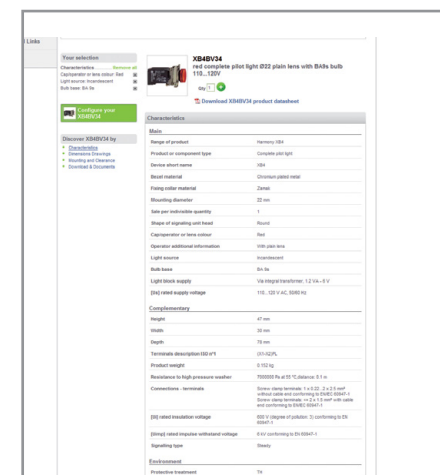
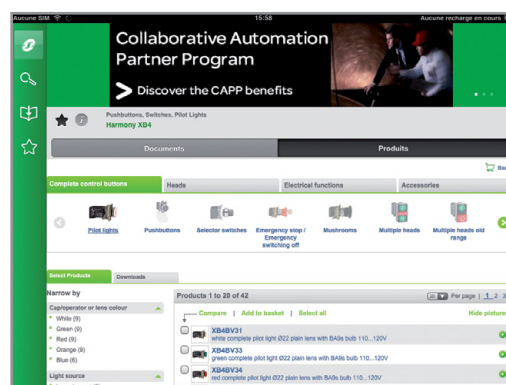
Application name: "Automation Library by Schneider Electric"



Product ranges
displayed by function



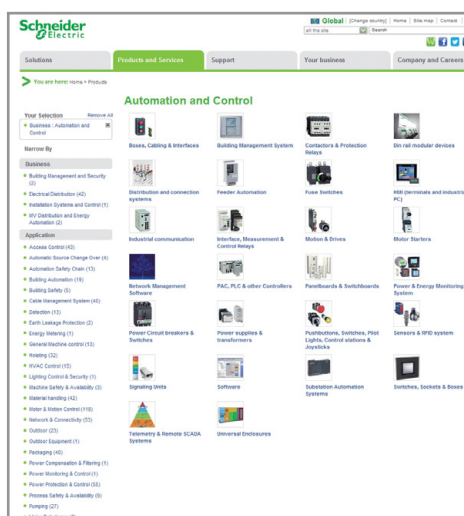
Dynamic catalogs
(hyperlinks, video, ...)



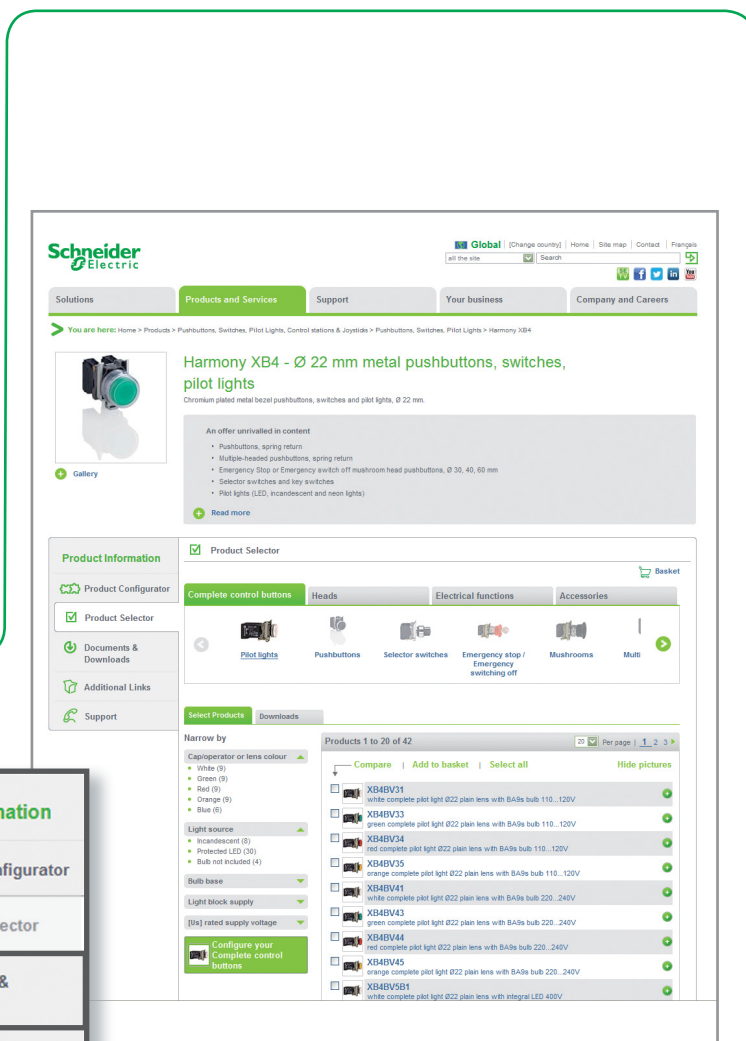
Product selector: dynamic filters to
get easily your part number

Personal computer

Path: www.schneider-electric.com > **Products and Services** > Automation and control > Product offer



Product ranges
displayed by function



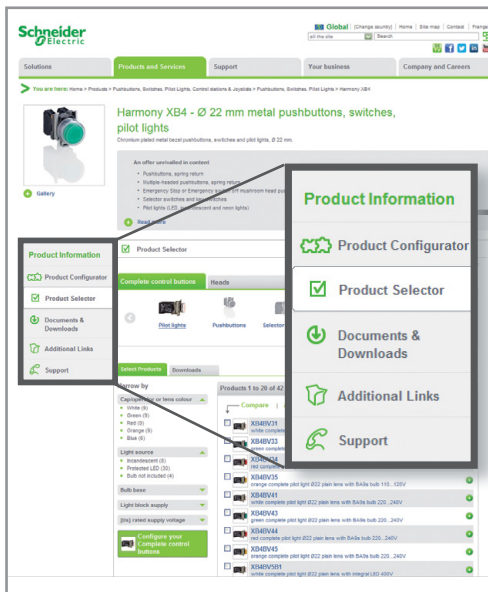
Dynamic catalogs
(hyperlinks, video, ...)

Product selector: dynamic filters to
get easily your part number

Access product references with adapted tools

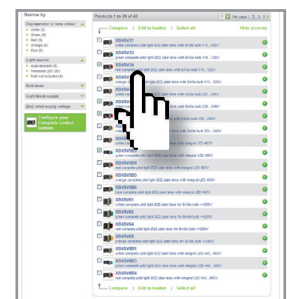
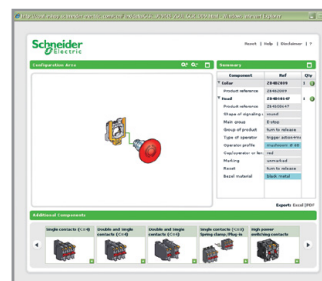
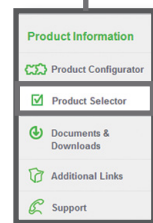
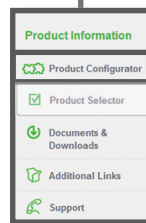


Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Product offer

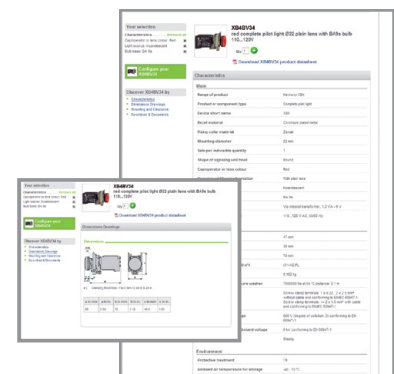


Graphic product configurator
Select the right product with just a few clicks

Dynamic product selector
Visualize product characteristics and dimensions



Product data sheet
with technical characteristics
and dimensions

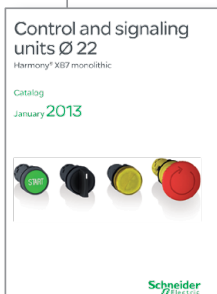
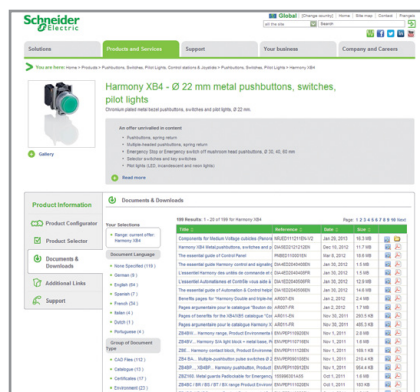
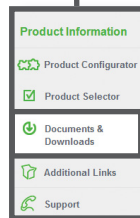


Dimensions

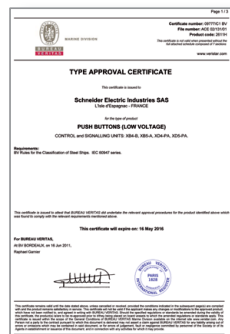
**Technical
characteristics**

Documents and downloads

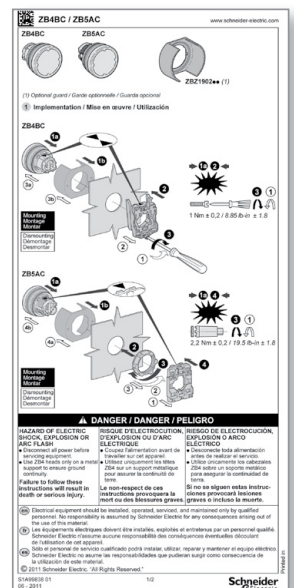
Visualize and download catalogs, technical publications, certificates, etc.



Essential guides



Certificates



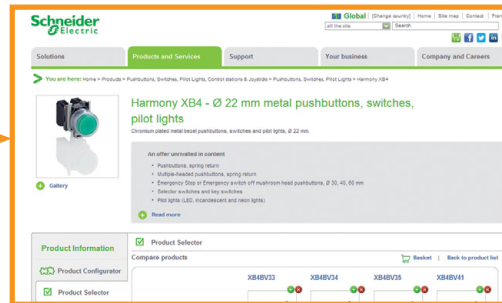
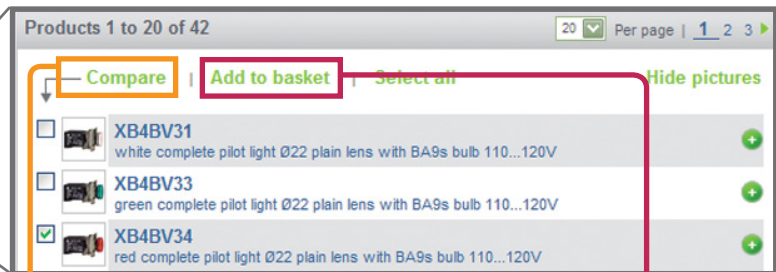
Technical publications

Dynamic catalogs

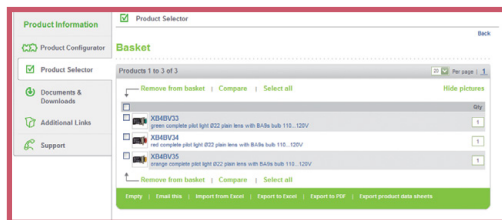
Compare, select, and compile



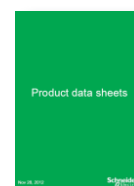
Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Harmony XB4*



Compare
technical
characteristics



Select
and store
your products
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the basket



Compile
data sheets
in a unique
document

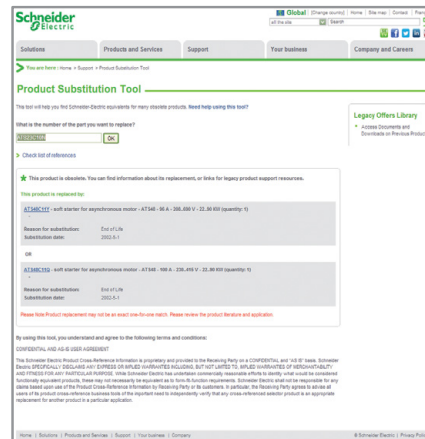
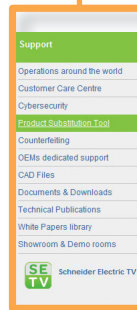
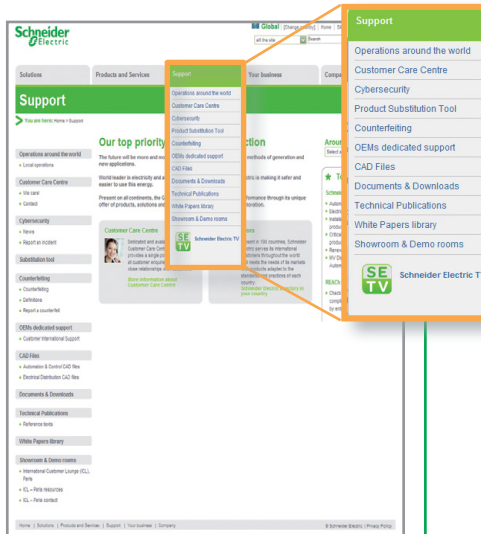
* Example of research on a product

Check the product status, design your equipment

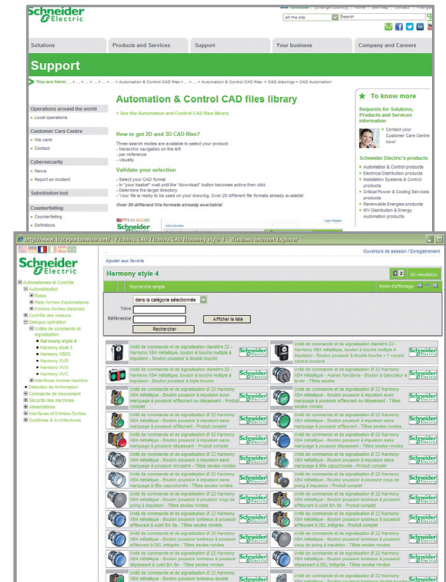


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Path: www.schneider-electric.com > **Support** > CAD files



Product status:
indicate whether the product
is still commercialized.
Otherwise, the tool suggests a
product substitution.



CAD files:
available in various formats
they will be easily integrated
into your installation design
software.

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Signaling units

Ø 40 - 60 - 100

Harmony® XVC monolithic tower lights

Catalog

September 2013



How to find the “Automation and Control” products

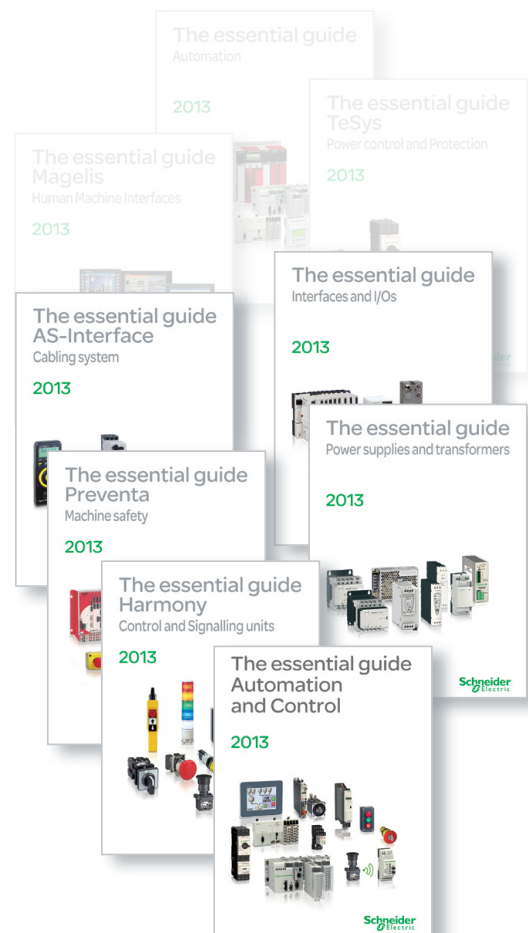
> Catalogs

Complete product ranges



> Essential guides

Selection of the top selling products



General contents

Harmony® XVC monolithic tower lights

Selection guide *page 2*

■ Presentation

□ Pre-assembled and pre-cabled tower lights, Ø 40 to 100 mm,
Harmony type XVC *page 6*

■ References

□ Tower lights Ø 40 mm, type XVC4 *page 7*

□ Tower lights Ø 60 mm, type XVC6 *page 8*

□ Tower lights Ø 100 mm, type XVC1 *page 9*

■ How to find the “Automation and Control” products

□ Search, visualize, and download *page 10*

□ Access product references with adapted tools *page 12*

□ Compare, select, and compile *page 14*

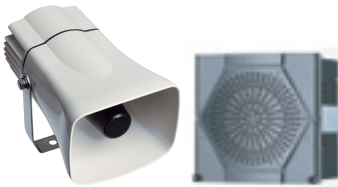
□ Check the product status, design your equipment *page 15*

■ **Product reference index** *page 16*

Harmony® type XV		Monolithic tower lights	
			
Type of products		Complete pre-cabled pilot lights, height 55 mm/2.17 in.	Complete miniature beacons
Diameter		Ø 25 mm/0.98 in.	Ø 45 mm/1.75 in.
Degree of protection conforming to IEC 60529		IP 40	IP 40
Type of signalling	Steady Flashing "Flash" Sound	– – – –	Yes – Yes –
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	Yes – – – –	– – Yes – –
Colors of illuminated units		☐ Green ☐ Red ☐ Clear ☐ Yellow	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow
Connection		Flying leads, length 360 mm/14.17 in.	Screw clamp terminals
Support panel drilling or cut-out		Ø 22 mm/0.87 in. or Ø 30 mm/1.18 in.	3 x Ø 3.3 mm/0.13 in. or M3
Type references		XV1CA	XVDLS

			
Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled USB tower lights
Ø 40 mm/1.57 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 60 mm/2.36 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 100 mm/3.94 in. IP 54 (flat surface installation)	Ø 60 mm/2.36 in. IP 42
Yes Yes – With buzzer – – Yes – –	Yes Yes – With buzzer – – Yes – –	Yes Yes – With siren or buzzer – – Yes – –	Yes Yes – With buzzer (volume control and alarm type can be set with HMI) – – Yes – –
☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	Multicolor LEDs (many possible combinations can be set with HMI) ☐ Red ☐ Orange ☐ Green ☐ Blue
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.	USB power cable: – 300 mm/11.81 in. for tube mounting – 400 mm/15.75 in. for direct mounting
Mounting on support tube with bracket: 2 x Ø 9 mm/0.35 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/0.20 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: – 3 x Ø 6 mm/0.24 in. (without siren) – 3 x Ø 7 mm/0.28 in. (with siren) Other mounting possibilities with accessories	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in.
XVC4	XVC6	XVC1	XVGU

Harmony® type XV		Modular tower lights	
			
Type of products		Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units.
Diameter		Ø 45 mm/1.77 in.	Ø 60 mm/2.36 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)	IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting option
Type of signalling	Steady	Yes	Yes
	Flashing	Yes	Yes
	"Flash"	Yes	Yes
	Sound	Yes	Yes
Light sources	Incandescent bulb	Yes	–
	LED bulb	Yes	–
	Integral LED	–	Yes
	"Flash" discharge tube	Yes	–
	Halogen bulb	–	–
Colors of illuminated units		☐ Red ☐ Green ☐ Orange ☐ Blue ☐ Clear	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ White ☐ Yellow (only for multi-color unit with above colors)
Connection		Flying leads, length 300 mm/11.81 in. or screw terminals	Spring cage connection terminals
Support panel drilling or cut-out		Mounting on bracket: 2 x Ø 9 mm /0.35 in. Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.24 in. Direct mounting and Flexible wall mounting: 3 x Ø 5 mm/0.196 in.
Type references		XVM	XVU

	Rotating beacons	Sound solutions
		
Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons	Sirens and electronic alarms
Ø 70 mm/2.76 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	–
IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)	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)	IP 53 (sirens) IP 54 (electronic alarms)
Yes	Yes	–
Yes	–	–
Yes	–	–
Yes	Yes	Yes
Yes	–	–
"PROTECTED LED"	"Super Bright"	–
"PROTECTED LED"	–	–
Yes	–	–
–	Yes	–
☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Orange ☐ Green ☐ Blue	–
Screw clamp terminals	Flying leads, length 400 mm/15.75 in.(except XVR08: 500 mm/19.68 in.)	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.20 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.18 in. or M4	Depending on model: – XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.20 in. – XVR10 (Ø 106 mm/5.12 in.): 3 x Ø 5 mm/0.20 in. – XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.24 in. – XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.35 in. – XVR13●●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.28 in.	3 x Ø 6.5 mm/0.25 in.
XVBL, XVBC	XVR	XVS

Signaling Units

Monolithic tower lights

Harmony® type XVC Ø 40, Ø 60 and Ø 100

Pre-assembled/pre-cabled tower lights



Presentation

The monolithic tower lights in the Harmony® XVC range are designed for long distance indication of the operating states or sequences of a machine or installation, either visually by means of illuminated signaling units visible through 360°, or audibly by means of an adjustable buzzer or siren.

■ The range includes both small diameter (40 and 60 mm) and large diameter products (100 mm). It is therefore virtually suitable for use in all activity sectors:

- XVC4 (40 mm) tower lights are used mainly in the food-processing and medical sectors,
- XVC6 (60 mm) tower lights are used in semi-conductor factories, on conveyor belts and on small food or drink dispensing machines in the commercial sector,
- XVC1 (100 mm) tower lights are more particularly designed for industrial applications and machine-tools.

■ The entire range provides an IP 54 degree of protection to allow both outdoor and indoor use.

■ XVC tower lights are supplied:

- with 1, 2, 3, 4, or 5 illuminated signaling units (up to 3 for XVC1●●HK),
- with or without a buzzer or siren,
- pre-assembled and pre-cabled,
- fitted with a support tube and bracket for mounting on a vertical support or 3 screws for direct mounting on a horizontal surface (depending on the model).

Illuminated signaling

Several lens unit colors are available in the catalog:

- 5 colors for XVC1●●K and XVC1●●SK (Red, Orange, Green, Blue or Clear),
- 3 colors for XVC1●●HK (Red, Orange, Green).

The colors are always placed in the above mentioned order, from top to bottom. The light source consists of Super Bright LEDs which provide optimum luminosity.

Audible signaling

The XVC tower lights are supplied with or without an audible signaling unit (buzzer or siren) depending on the required configuration. This audible unit is located in the base of the tower light.

For products equipped with a buzzer, the type of signal (continuous or intermittent) can be reversed by modifying the cable connections (only for 60 and 100 mm units). For products equipped with a siren, it is possible to choose between 16 melodies, either by a switch or by 4 external digital outputs.

A potentiometer is also present in the base for adjusting the audible signaling volume, up to a value of:

- 85 dB for XVC1●●K and XVC1●●SK (equipped with a buzzer),
- 102 dB for XVC1●●HK (equipped with a siren).

Environment

■ The degree of protection of XVC tower lights depends on the installation mode:

- IP 54 (both outdoor and indoor use) for all models, when mounted on a horizontal surface,
- IP 23 for tower lights of Ø 40 and Ø 60 mm, when mounted on a vertical surface.

■ XVC tower lights conform with the EN/IEC standards, depending on voltage :

- EN/IEC 61000 for 24 V A.C./D.C. (40 and 60 mm) and 24 V D.C. (100 mm),
- EN/IEC 60947 for 100-240 V A.C. (40, 60 and 100 mm).

■ The whole range of tower lights is CE, UL and CSA certified.

Cabling

XVC tower lights supplied pre-assembled are equipped with wires marked with a label indicating the correct way to connect. Each level is marked by a different colored wire.

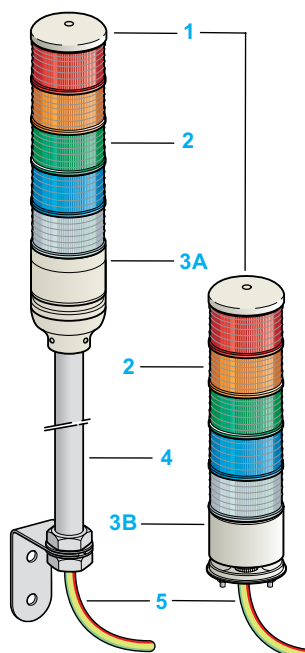
XVC tower lights that have been pre-assembled and pre-cabled at the factory cannot be modified because the wires are permanently connected (soldered).

Signaling Units

Monolithic tower lights

Harmony® type XVC Ø 40

Pre-assembled/pre-cabled tower lights



Description

XVC Ø 40, Ø 60 and Ø 100 mm tower lights comprise an assembly of:

- 1 cover.
- 2 One, two, three, four or five colored illuminated signaling units (Red, Orange, Green, Blue or Clear). Each illuminated unit is equipped with a LED (Super Bright LED).
- 3 A base mounted on the support tube 3A or a base fitted with 3 screws 3B for direct mounting on a horizontal surface.
- 4 A chromium plated-steel support tube mounted on a bracket (support tube depending on the model) for mounting on a vertical support (support tube on this page is for XVC Ø 40 mm and XVC Ø 60 mm).
- 5 Marked wires, with projecting length of 500 to 900 mm (depending on the model).

Pre-assembled and pre-cabled tower lights Ø 40 mm

Description	Light source (included)	Voltage V	Signaling colors (1)		Reference	Weight kg
			Steady	Flashing (2)		
For support tube mounting, 17 mm, on horizontal (IP 54) or vertical (IP 23) surface						
Without buzzer	LED for steady light only	~ 24	R	–	XVC4B1	0.500
			R, O	–	XVC4B2	0.520
			R, O, G	–	XVC4B3	0.540
			R, O, G, B	–	XVC4B4	0.560
			R, O, G, B, C	–	XVC4B5	0.580
		~ 100-240	R	–	XVC4M1	0.720
			R, O	–	XVC4M2	0.750
			R, O, G	–	XVC4M3	0.780
			R, O, G, B	–	XVC4M4	0.810
			R, O, G, B, C	–	XVC4M5	0.840
With buzzer Sound level at 1 m: 70 to 85 dB, continuous or intermittent tone + flashing light	LED for steady or flashing light	~ 24	R	R	XVC4B15S	0.600
			R, O	R, O	XVC4B25S	0.620
			R, O, G	R, O, G	XVC4B35S	0.640
			R, O, G, B	R, O, G, B	XVC4B45S	0.660
			R, O, G, B, C	R, O, G, B, C	XVC4B55S	0.680
		~ 100-240	R	R	XVC4M15S	0.740
			R, O	R, O	XVC4M25S	0.770
			R, O, G	R, O, G	XVC4M35S	0.800
			R, O, G, B	R, O, G, B	XVC4M45S	0.830
			R, O, G, B, C	R, O, G, B, C	XVC4M55S	0.860

For direct base mounting on horizontal surface (IP 54)

Without buzzer	LED for steady light only	~ 24	R	–	XVC4B1K	0.100
			R, O	–	XVC4B2K	0.120
			R, O, G	–	XVC4B3K	0.140
			R, O, G, B	–	XVC4B4K	0.160
			R, O, G, B, C	–	XVC4B5K	0.180

Accessories for support tube mounting (for tower lights XVC4●● and XVC4●●5S)

Description	Diameter mm	Minimum height to be added	Reference	Weight kg
Metal fixing plate IP 54	90	32	XVCZ11	0.100
Plastic fixing plate IP 54	84	24.5	XVCZ01	0.060
Wall mounting bracket IP 54	–	82	XVCZ31	0.130

(1) Signaling colors: R: Red, O: Orange, G: Green, B: Blue, C: Clear. The colors are listed in the same order as the mounting order of the illuminated units (from top to bottom).

(2) Flashing function can be simply selected/programmed by wiring.

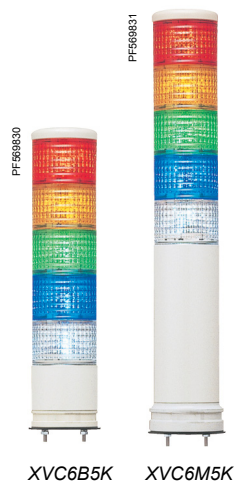


Signaling Units

Monolithic tower lights

Harmony® type XVC Ø 60

Pre-assembled/pre-cabled tower lights



Pre-assembled and pre-cabled tower lights Ø 60 mm

Description	Light source (included)	Voltage V	Signaling colors (1)		Reference	Weight kg	
			Steady	Flashing (2)			
For support tube mounting, 22 mm, on horizontal (IP 54) or vertical (IP 23) surface							
Without buzzer	LED for steady light only	≈ 24	R	–	XVC6B1	0.700	
			R, O	–	XVC6B2	0.740	
			R, O, G	–	XVC6B3	0.780	
			R, O, G, B	–	XVC6B4	0.820	
			R, O, G, B, C	–	XVC6B5	0.860	
		∼ 100-240	R	–	XVC6M1	0.960	
			R, O	–	XVC6M2	1.020	
			R, O, G	–	XVC6M3	1.070	
			R, O, G, B	–	XVC6M4	1.120	
			R, O, G, B, C	–	XVC6M5	1.180	
	With buzzer Sound level at 1 m: 70 to 85 dB, continuous or intermittent tone + flashing light	LED for steady or flashing light	≈ 24	R	R	XVC6B15S	0.900
				R, O	R, O	XVC6B25S	0.940
				R, O, G	R, O, G	XVC6B35S	0.980
				R, O, G, B	R, O, G, B	XVC6B45S	1.020
				R, O, G, B, C	R, O, G, B, C	XVC6B55S	1.060
∼ 100-240			R	R	XVC6M15S	1.010	
			R, O	R, O	XVC6M25S	1.070	
			R, O, G	R, O, G	XVC6M35S	1.120	
			R, O, G, B	R, O, G, B	XVC6M45S	1.170	
			R, O, G, B, C	R, O, G, B, C	XVC6M55S	1.230	

For base mounting on horizontal surface (IP 54)

Without buzzer	LED for steady light only	≈ 24	R	–	XVC6B1K	0.200
			R, O	–	XVC6B2K	0.250
			R, O, G	–	XVC6B3K	0.300
			R, O, G, B	–	XVC6B4K	0.350
			R, O, G, B, C	–	XVC6B5K	0.400
		~ 100-240	R	–	XVC6M1K	0.440
			R, O	–	XVC6M2K	0.500
			R, O, G	–	XVC6M3K	0.550
			R, O, G, B	–	XVC6M4K	0.600
			R, O, G, B, C	–	XVC6M5K	0.660
With buzzer Sound level at 1 m: 70 to 85 dB, continuous or intermittent tone + flashing light	LED for steady or flashing light	≈ 24	R	R	XVC6B15SK	0.200
			R, O	R, O	XVC6B25SK	0.250
			R, O, G	R, O, G	XVC6B35SK	0.300
			R, O, G, B	R, O, G, B	XVC6B45SK	0.350
			R, O, G, B, C	R, O, G, B, C	XVC6B55SK	0.400
		~ 100-240	R	R	XVC6M15SK	0.490
			R, O	R, O	XVC6M25SK	0.550
			R, O, G	R, O, G	XVC6M35SK	0.600
			R, O, G, B	R, O, G, B	XVC6M45SK	0.650
			R, O, G, B, C	R, O, G, B, C	XVC6M55SK	0.710

Accessories for support tube mounting or base mounting

Description	Utilization for	Diameter mm	Minimum height to be added (mm)	Reference	Weight kg
Metal fixing plate IP 54	Support-tube mounting with XVC6●● and XVC6●●5S	100	30	XVCZ02	0.080
Metal fixing plate IP 54	Direct base mounting with XVC6●●K and XVC6●●5SK	84	21.6	XVCZ12	0.100
Wall mounting bracket IP 54	Support-tube mounting with XVC6●● and XVC6●●5S	–	82	XVCZ32	0.130

(1) Signaling colors: R: Red, O: Orange, G: Green, B: Blue, C: Clear. The colors are listed in the same order as the mounting order of the illuminated units (from top to bottom).

(2) Flashing function can be simply selected/programmed by wiring.

Signaling Units

Monolithic tower lights

Harmony® type XVC Ø 100

Pre-assembled/pre-cabled tower lights



Pre-assembled and pre-cabled tower lights Ø 100 mm						
Description	Light source (included)	Voltage V	Signaling colors (1)		Reference	Weight kg
			Steady	Flashing (2)		
For direct base mounting on horizontal surface (IP 54)						
Without buzzer With flashing light	LED for steady or flashing light	~ 24	R	R	XVC1B1K	0.700
			R, O	R, O	XVC1B2K	0.900
			R, O, G	R, O, G	XVC1B3K	1.100
			R, O, G, B	R, O, G, B	XVC1B4K	1.300
			R, O, G, B, C	R, O, G, B, C	XVC1B5K	1.500
			~ 100-240	R	XVC1M1K	1.000
			R, O	R, O	XVC1M2K	1.200
			R, O, G	R, O, G	XVC1M3K	1.400
			R, O, G, B	R, O, G, B	XVC1M4K	1.600
			R, O, G, B, C	R, O, G, B, C	XVC1M5K	1.800
With buzzer Sound level at 1 m: 60 dB to 85 dB, continuous or intermittent tone + flashing light	LED for steady or flashing light	~ 24	R	R	XVC1B1SK	0.700
			R, O	R, O	XVC1B2SK	0.900
			R, O, G	R, O, G	XVC1B3SK	1.100
			R, O, G, B	R, O, G, B	XVC1B4SK	1.300
			R, O, G, B, C	R, O, G, B, C	XVC1B5SK	1.500
			~ 100-240	R	XVC1M1SK	1.050
			R, O	R, O	XVC1M2SK	1.250
			R, O, G	R, O, G	XVC1M3SK	1.450
			R, O, G, B	R, O, G, B	XVC1M4SK	1.650
			R, O, G, B, C	R, O, G, B, C	XVC1M5SK	1.850
With siren Sound level at 1 m: 0 to 102 dB, 16 melodies + flashing light	LED for steady or flashing light	~ 24	R	R	XVC1B1HK	1.580
			R, O	R, O	XVC1B2HK	1.780
			R, O, G	R, O, G	XVC1B3HK	1.980
			~ 100-240	R	XVC1M1HK	1.680
			R, O	R, O	XVC1M2HK	1.880
			R, O, G	R, O, G	XVC1M3HK	2.080



Accessories for mounting on vertical support (IP 23)						
Description	For use with	Diameter mm	Height mm	Reference	Weight kg	
Chromium plated-steel extension tube with metal fixing plate	XVC1●●K and XVC1●●SK	140	300	XVCZ13	0.700	
	XVC1●●HK (with siren)	140	306	XVCZ14	0.700	
Metal fixing bracket	XVC1●●K and XVC1●●SK	—	—	XVCZ23	0.380	
	XVC1●●HK (with siren)	—	—	XVCZ24	0.380	

(1) Signaling colors: R: Red, O: Orange, G: Green, B: Blue, C: Clear. The colors are listed in the same order as the mounting order of the illuminated units (from top to bottom).

(2) Flashing function can be simply selected/programmed by wiring.

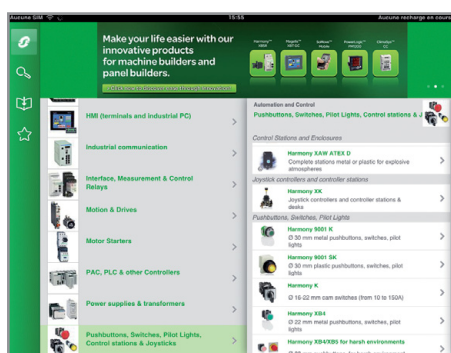
Search, visualize, and download

Use your tablet or your PC to quickly access detailed and comprehensive information on our products

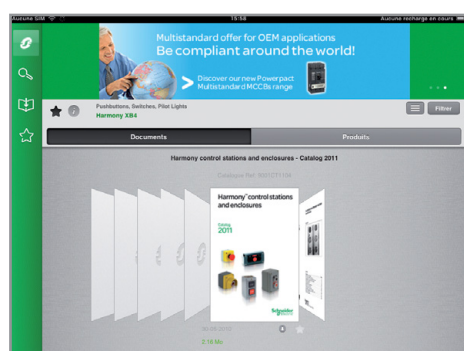


Tablets

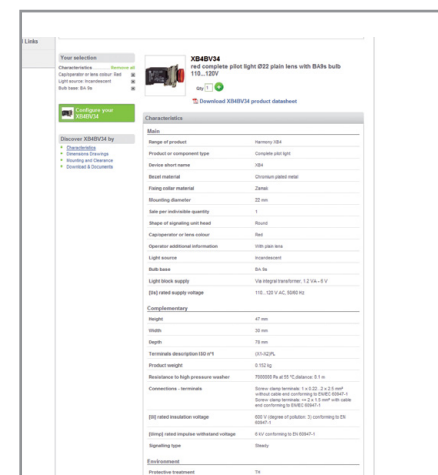
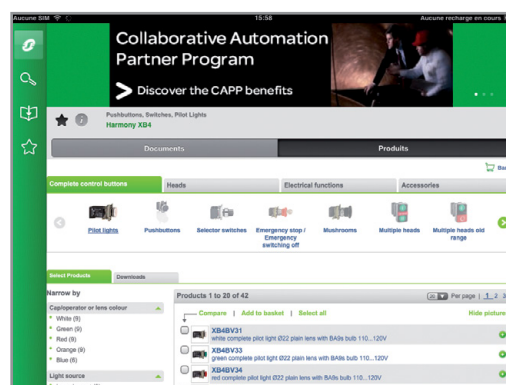
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Product ranges
displayed by function



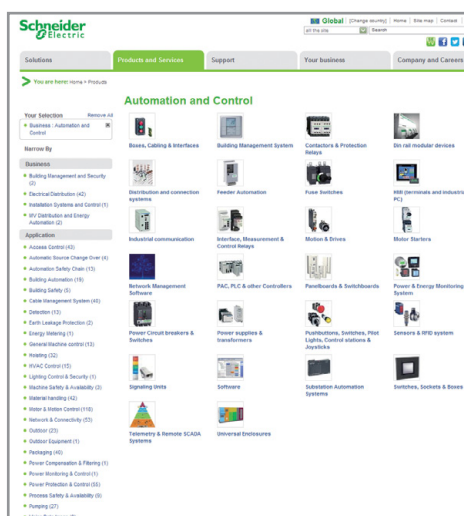
Dynamic catalogs
(hyperlinks, video, ...)



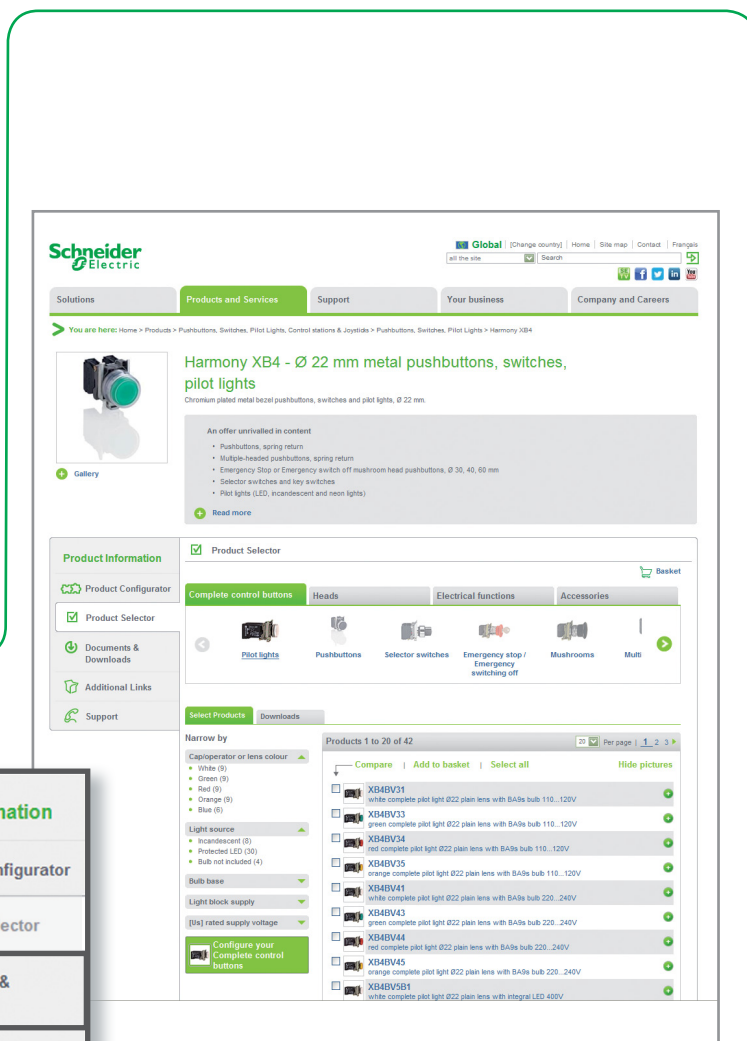
Product selector: dynamic filters to
get easily your part number

Personal computer

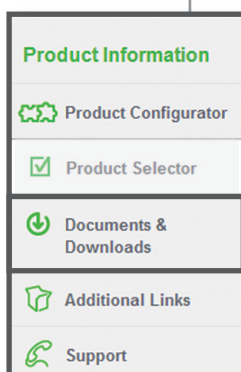
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Product ranges
displayed by function



Dynamic catalogs
(hyperlinks, video, ...)

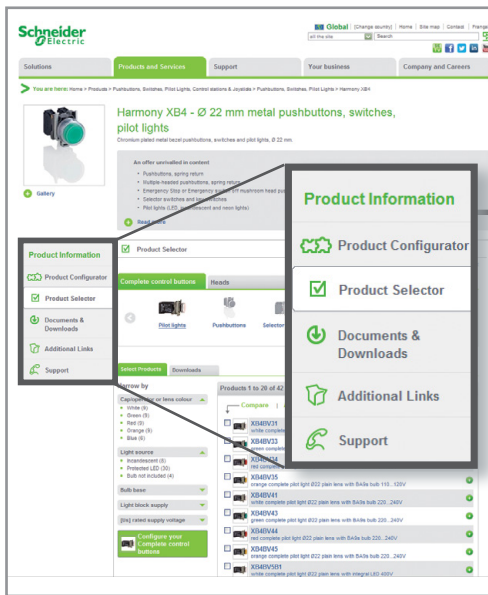


Product selector: dynamic filters to
get easily your part number

Access product references with adapted tools

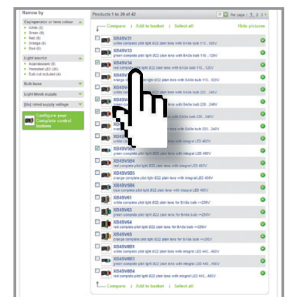
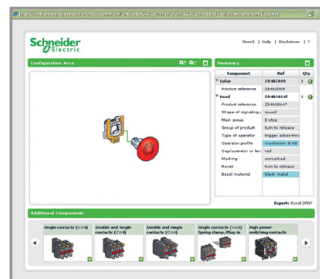
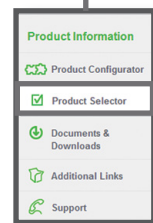
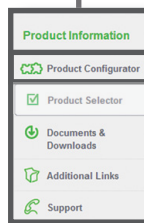


Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Product offer



Graphic product configurator
Select the right product with just a few clicks

Dynamic product selector
Visualize product characteristics and dimensions



Product data sheet
with technical characteristics
and dimensions

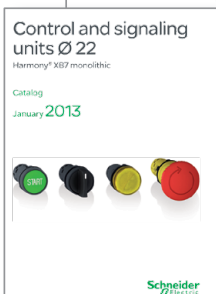
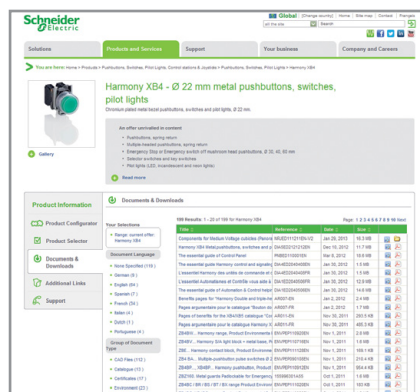
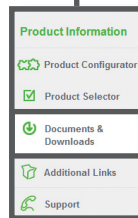


Dimensions

**Technical
characteristics**

Documents and downloads

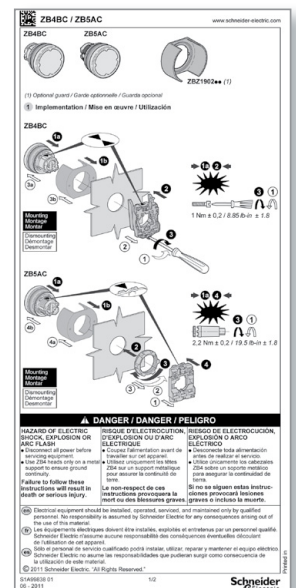
Visualize and download catalogs, technical publications, certificates, etc.



Essential guides



Certificates



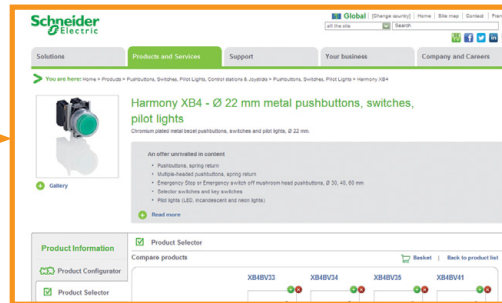
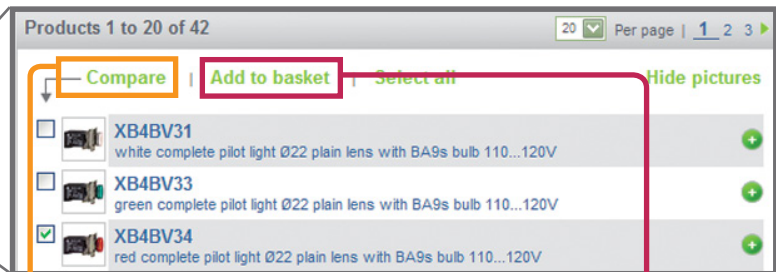
Technical publications

Dynamic catalogs

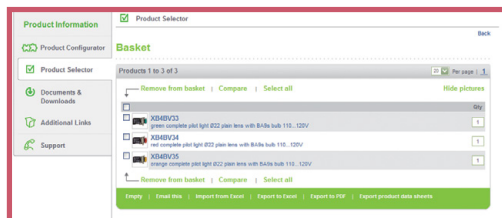
Compare, select, and compile



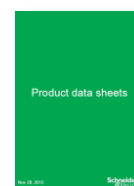
Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Harmony XB4*



Compare
technical
characteristics



Select
and store
your products
into
the basket



Compile
data sheets
in a unique
document

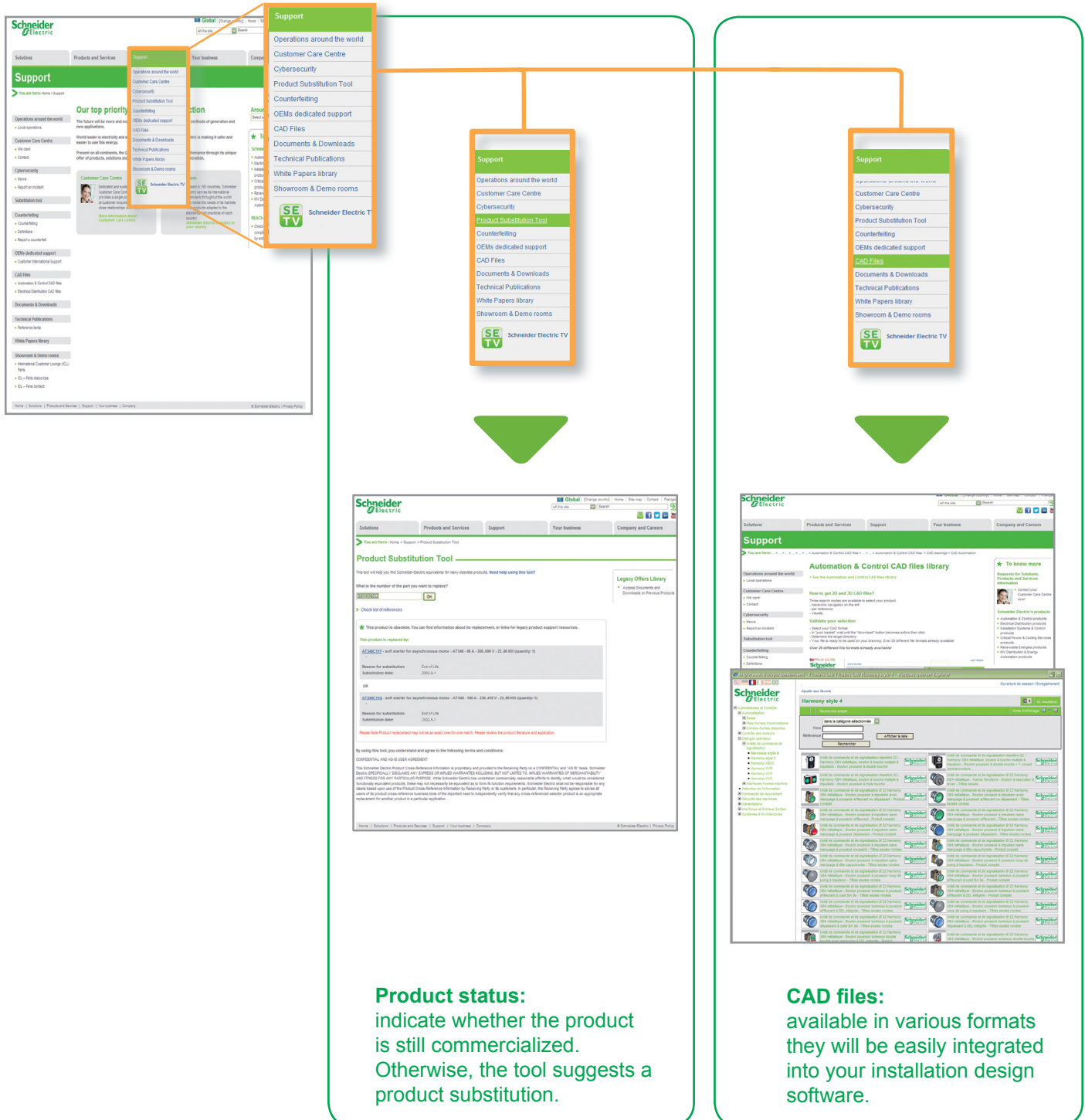
* Example of research on a product

Check the product status, design your equipment



Path: www.schneider-electric.com > **Support** > Product Substitution Tool

Path: www.schneider-electric.com > **Support** > CAD files



Please note that references to products and services are just examples.

X		XVC6B15SK	8
XVC1B1HK	9	XVC6B25S	8
XVC1B1K	9	XVC6B25SK	8
XVC1B1SK	9	XVC6B35S	8
XVC1B2HK	9	XVC6B35SK	8
XVC1B2K	9	XVC6B45S	8
XVC1B2SK	9	XVC6B45SK	8
XVC1B3HK	9	XVC6B55S	8
XVC1B3K	9	XVC6B55SK	8
XVC1B3SK	9	XVC6M1	8
XVC1B4K	9	XVC6M1K	8
XVC1B4SK	9	XVC6M2	8
XVC1B5K	9	XVC6M2K	8
XVC1B5SK	9	XVC6M3	8
XVC1M1HK	9	XVC6M3K	8
XVC1M1K	9	XVC6M4	8
XVC1M1SK	9	XVC6M4K	8
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XVC1M2K	9	XVC6M5K	8
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XVC6B3K	8		
XVC6B4	8		
XVC6B4K	8		
XVC6B5	8		
XVC6B5K	8		
XVC6B15S	8		

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September 2013

Signaling units Ø 45

Harmony® XVDLS complete miniature beacons

Catalog

September 2013



How to find the “Automation and Control” products

> Catalogs

Complete product ranges



> Essential guides

Selection of the top selling products



General contents

Harmony® XVDLS complete miniature beacons

Selection guide page 2

■ Presentation

□ Complete miniature beacons, Ø 45 mm page 6

■ References

□ Beacons with steady light signaling page 6

□ Bulbs for beacons with steady light signaling page 6

□ Beacons with 1 Joule “flash” discharge tube page 7

■ How to find the “Automation and Control” products

□ Search, visualize, and download page 8

□ Access product references with adapted tools page 10

□ Compare, select, and compile page 12

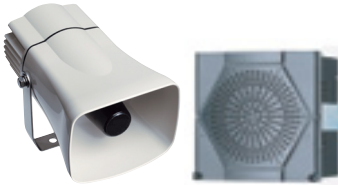
□ Check the product status, design your equipment page 13

■ **Product reference index** page 14

Harmony® type XV		Monolithic tower lights	
			
Type of products		Complete pre-cabled pilot lights, height 55 mm/2.17 in.	Complete miniature beacons
Diameter		Ø 25 mm/0.98 in.	Ø 45 mm/1.75 in.
Degree of protection conforming to IEC 60529		IP 40	IP 40
Type of signalling	Steady Flashing "Flash" Sound	– – – –	Yes – Yes –
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	Yes – – – –	– – Yes – –
Colors of illuminated units		☐ Green ☐ Red ☐ Clear ☐ Yellow	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow
Connection		Flying leads, length 360 mm/14.17 in.	Screw clamp terminals
Support panel drilling or cut-out		Ø 22 mm/0.87 in. or Ø 30 mm/1.18 in.	3 x Ø 3.3 mm/0.13 in. or M3
Type references		XV1CA	XVDLS

			
Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled USB tower lights
Ø 40 mm/1.57 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 60 mm/2.36 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 100 mm/3.94 in. IP 54 (flat surface installation)	Ø 60 mm/2.36 in. IP 42
Yes Yes – With buzzer	Yes Yes – With buzzer	Yes Yes – With siren or buzzer	Yes Yes – With buzzer (volume control and alarm type can be set with HMI)
– – Yes – –	– – Yes – –	– – Yes – –	– – Yes – –
☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	Multicolor LEDs (many possible combinations can be set with HMI) ☐ Red ☐ Orange ☐ Green ☐ Blue
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.	USB power cable: – 300 mm/11.81 in. for tube mounting – 400 mm/15.75 in. for direct mounting
Mounting on support tube with bracket: 2 x Ø 9 mm/0.35 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/0.20 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: – 3 x Ø 6 mm/0.24 in. (without siren) – 3 x Ø 7 mm/0.28 in. (with siren) Other mounting possibilities with accessories	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in.
XVC4	XVC6	XVC1	XVGU

Harmony® type XV		Modular tower lights	
			
Type of products		Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units.
Diameter		Ø 45 mm/1.77 in.	Ø 60 mm/2.36 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)	IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting option
Type of signalling	Steady	Yes	Yes
	Flashing	Yes	Yes
	"Flash"	Yes	Yes
	Sound	Yes	Yes
Light sources	Incandescent bulb	Yes	–
	LED bulb	Yes	–
	Integral LED	–	Yes
	"Flash" discharge tube	Yes	–
	Halogen bulb	–	–
Colors of illuminated units		☐ Red ☐ Green ☐ Orange ☐ Blue ☐ Clear	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ White ☐ Yellow (only for multi-color unit with above colors)
Connection		Flying leads, length 300 mm/11.81 in. or screw terminals	Spring cage connection terminals
Support panel drilling or cut-out		Mounting on bracket: 2 x Ø 9 mm /0.35 in. Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.24 in. Direct mounting and Flexible wall mounting: 3 x Ø 5 mm/0.196 in.
Type references		XVM	XVU

	Rotating beacons	Sound solutions
		
Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons	Sirens and electronic alarms
Ø 70 mm/2.76 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	–
IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)	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)	IP 53 (sirens) IP 54 (electronic alarms)
Yes	Yes	–
Yes	–	–
Yes	–	–
Yes	Yes	Yes
Yes	–	–
"PROTECTED LED"	"Super Bright"	–
"PROTECTED LED"	–	–
Yes	–	–
–	Yes	–
☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Orange ☐ Green ☐ Blue	–
Screw clamp terminals	Flying leads, length 400 mm/15.75 in.(except XVR08: 500 mm/19.68 in.)	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.20 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.18 in. or M4	Depending on model: – XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.20 in. – XVR10 (Ø 106 mm/5.12 in.): 3 x Ø 5 mm/0.20 in. – XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.24 in. – XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.35 in. – XVR13●●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.28 in.	3 x Ø 6.5 mm/0.25 in.
XVBL, XVBC	XVR	XVS

Signaling Units

Monolithic tower lights

Harmony® type XVDLS Ø 45

Complete miniature beacons



XVDLS●●

Presentation

The miniature beacons in the Harmony® XVDLS range are compact sized (diameter: 45 mm and height: 104 mm) and thus suitable for installation on small machines for short distance signaling of the process status.

XVDLS tower lights comprise an assembly of:

- one illuminated signaling unit (6 colors available: Green, Red, Orange, Blue, Clear and Yellow),
- one base unit with direct fixing.

Two types of beacons and two types of light sources are available:

- beacons with steady light signaling operating with an incandescent bulb, 5 W maxi, 230 V maxi (to be ordered separately),
- beacons with intermittent light fitted with 1 joule "flash" discharge tube.

Environment

The XVDLS range has the following characteristics:

- degree of protection (according to EN/IEC 60529): IP 40,
- conformity to standards: EN/IEC 60947-5-1,
- product certifications: CSA and UL.

Connection

The connection is through screw and captive cable clamp terminals.

References

Beacons with steady light signaling

Description	Light source, to be ordered separately	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit (direct fixing)	Incandescent bulb, BA 15d base fitting 5 W max. 230 V max.	Green	XVDLS33	0.080
		Red	XVDLS34	0.080
		Orange	XVDLS35	0.080
		Blue	XVDLS36	0.080
		Clear	XVDLS37	0.080
		Yellow	XVDLS38	0.080

Bulbs for beacons with steady light signaling

Description	Characteristics		Sold in lots of	Unit reference	Weight kg
Incandescent bulbs BA 15d base fitting	24 V	4 W	10	DL1BEBS	0.090
	120 V	5 W	10	DL1BEGS	0.090
	230 V	5 W	10	DL1BEMS	0.090

Signaling Units

Monolithic tower lights

Harmony® type XVDLS Ø 45

Complete miniature beacons



XVDLS●●

References (continued)

Beacons with 1 Joule "flash" discharge tube

Description	Light source (included)	Color	Reference	Weight kg
Complete unit comprising: - 1 illuminated unit - 1 base unit (direct fixing)	"Flash" discharge tube ~ 24 V	Green	XVDLS6B3	0.085
		Red	XVDLS6B4	0.085
		Orange	XVDLS6B5	0.085
		Blue	XVDLS6B6	0.085
		Clear	XVDLS6B7	0.085
		Yellow	XVDLS6B8	0.085
		Green	XVDLS6G3	0.085
		Red	XVDLS6G4	0.085
	"Flash" discharge tube ~ 120 V	Orange	XVDLS6G5	0.085
		Blue	XVDLS6G6	0.085
		Clear	XVDLS6G7	0.085
		Yellow	XVDLS6G8	0.085
		Green	XVDLS6M3	0.085
		Red	XVDLS6M4	0.085
		Orange	XVDLS6M5	0.085
		Blue	XVDLS6M6	0.085
	"Flash" discharge tube ~ 230 V	Clear	XVDLS6M7	0.085
		Yellow	XVDLS6M8	0.085

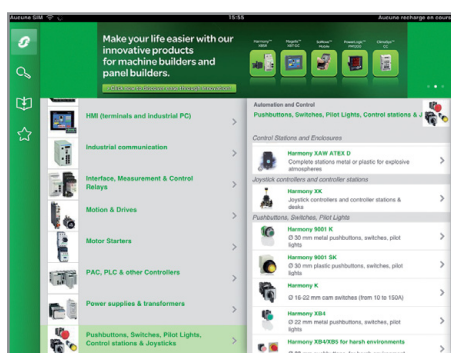
Search, visualize, and download

Use your tablet or your PC to quickly access detailed and comprehensive information on our products

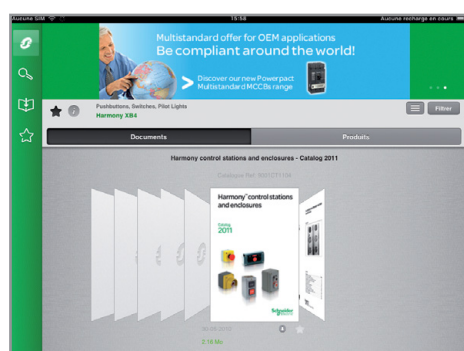


Tablets

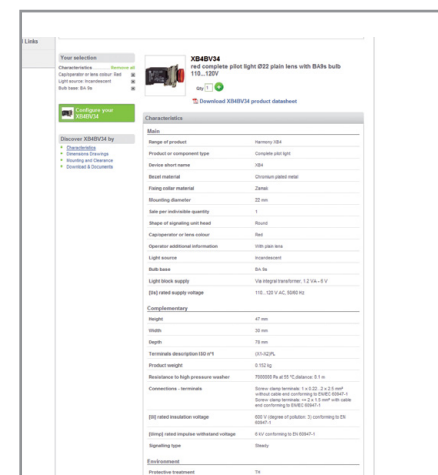
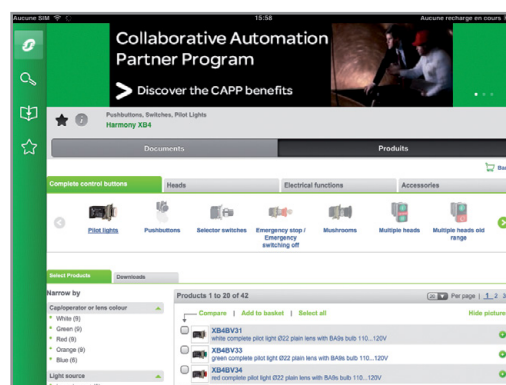
Application name: "Automation Library by Schneider Electric"



Product ranges
displayed by function



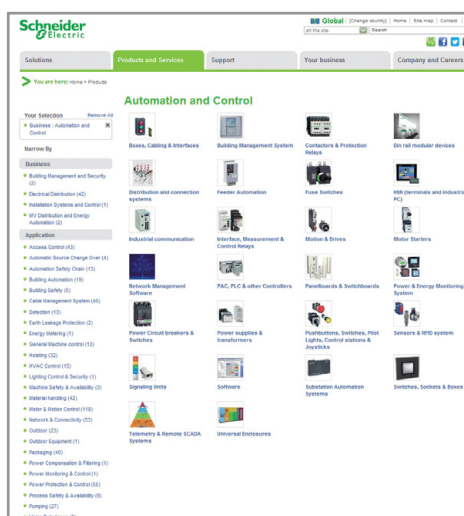
Dynamic catalogs
(hyperlinks, video, ...)



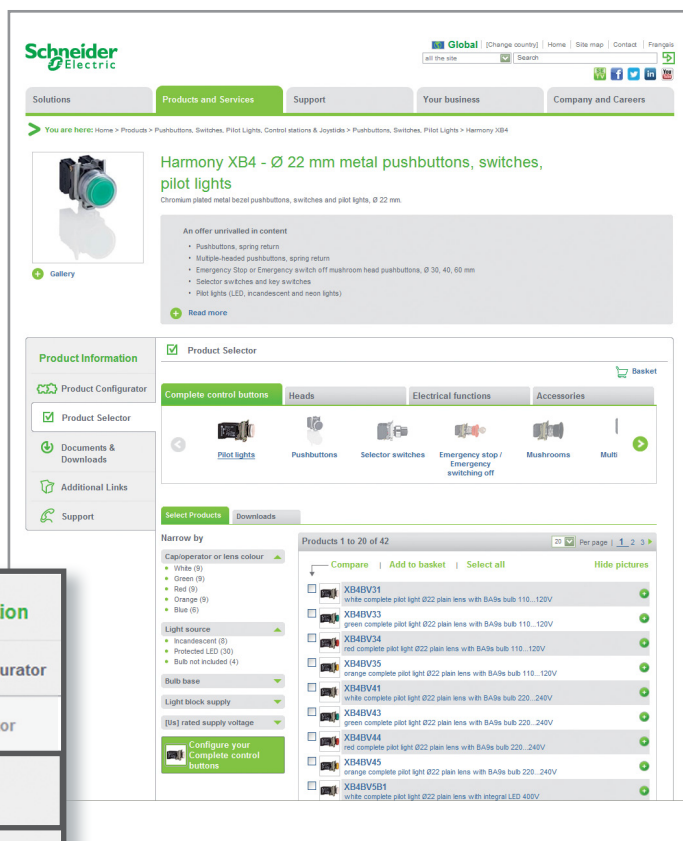
Product selector: dynamic filters to
get easily your part number

Personal computer

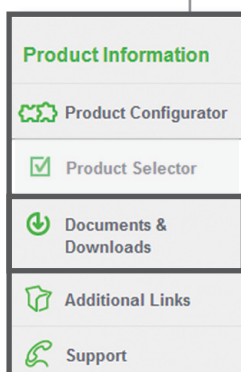
Path: www.schneider-electric.com > **Products and Services** > Automation and control > Product offer



Product ranges
displayed by function



Dynamic catalogs
(hyperlinks, video, ...)

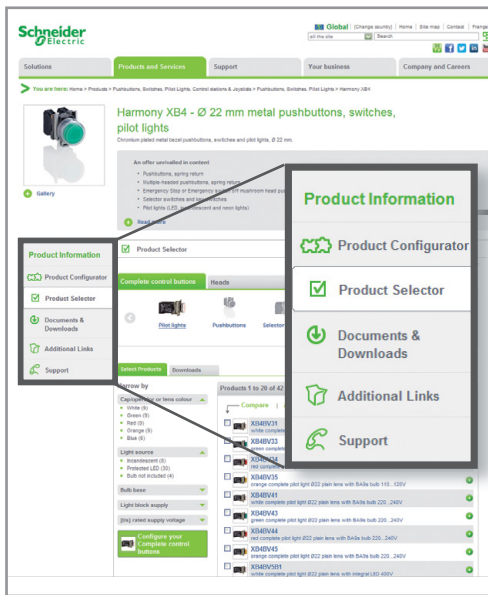


Product selector: dynamic filters to
get easily your part number

Access product references with adapted tools

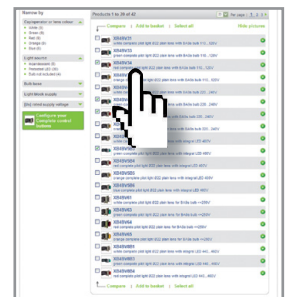
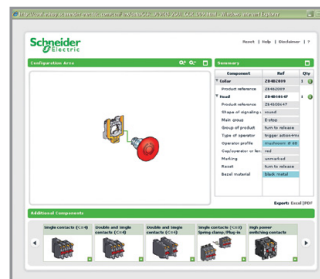
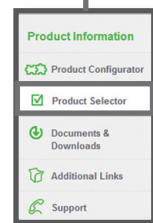
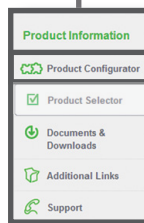


Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Product offer

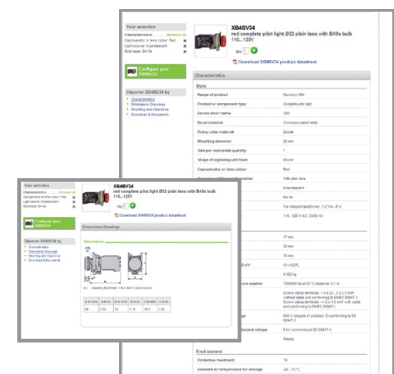


Graphic product configurator
Select the right product with just a few clicks

Dynamic product selector
Visualize product characteristics and dimensions



Product data sheet
with technical characteristics
and dimensions

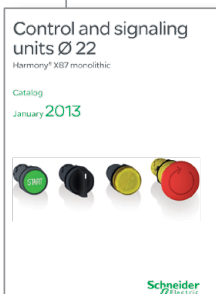
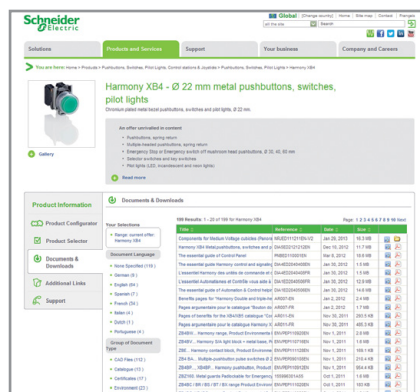
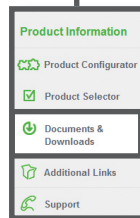


Dimensions

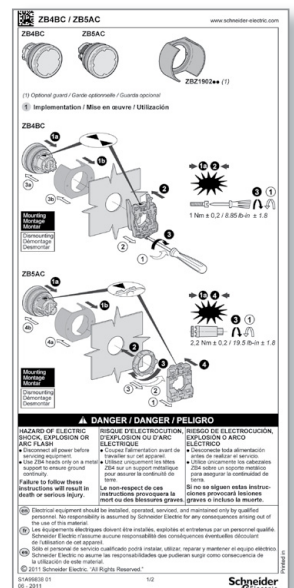
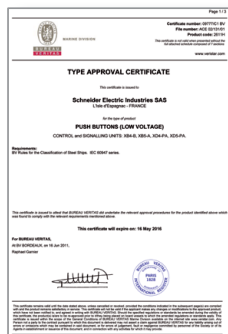
**Technical
characteristics**

Documents and downloads

Visualize and download catalogs, technical publications, certificates, etc.



Essential guides



Dynamic catalogs

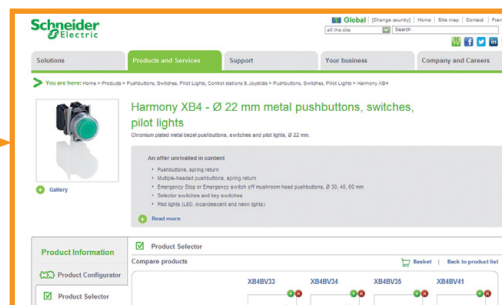
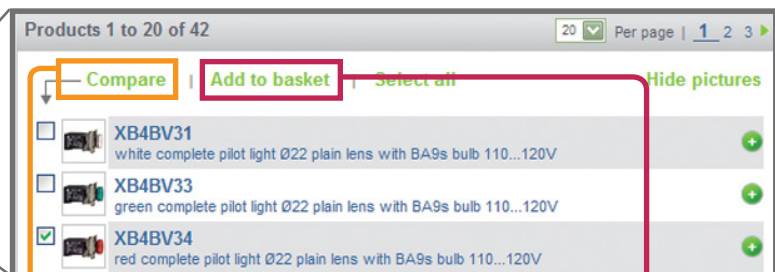
Certificates

Technical publications

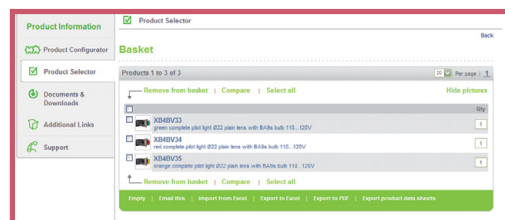
Compare, select, and compile



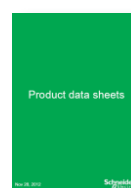
Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Harmony XB4*



Compare
technical
characteristics



Select
and store
your products
into
the basket



Compile
data sheets
in a unique
document

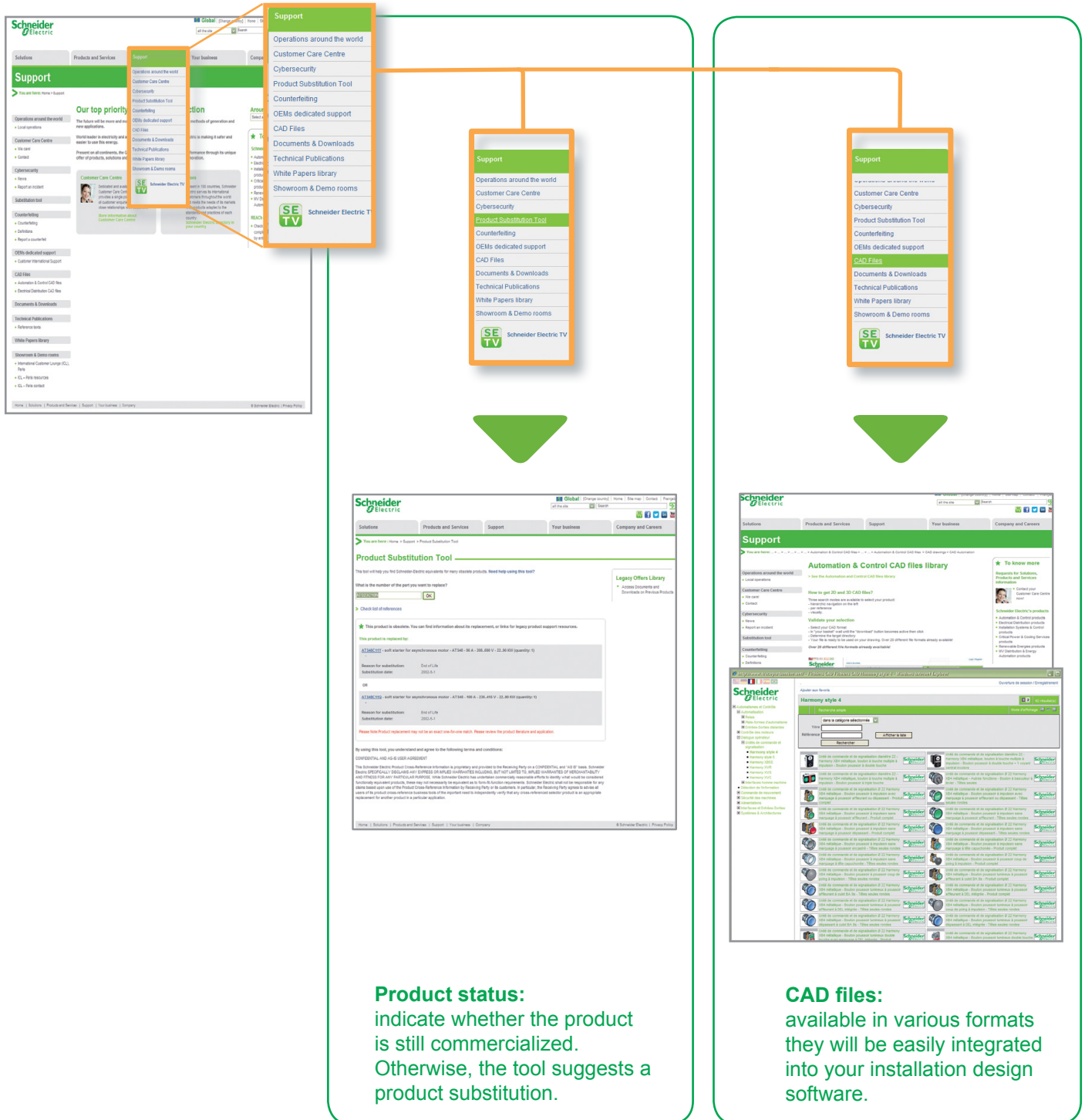
* Example of research on a product

Check the product status, design your equipment



Path: www.schneider-electric.com > **Support** > Product Substitution Tool

Path: www.schneider-electric.com > **Support** > CAD files



Product status:
indicate whether the product is still commercialized. Otherwise, the tool suggests a product substitution.

CAD files:
available in various formats they will be easily integrated into your installation design software.

Please note that references to products and services are just examples.

D	
DL1BEBS	6
DL1BEGS	6
DL1BEMS	6

X	
XVDLS6B3	7
XVDLS6B4	7
XVDLS6B5	7
XVDLS6B6	7
XVDLS6B7	7
XVDLS6B8	7
XVDLS6G3	7
XVDLS6G4	7
XVDLS6G5	7
XVDLS6G6	7
XVDLS6G7	7
XVDLS6G8	7
XVDLS6M3	7
XVDLS6M4	7
XVDLS6M5	7
XVDLS6M6	7
XVDLS6M7	7
XVDLS6M8	7
XVDLS33	6
XVDLS34	6
XVDLS35	6
XVDLS36	6
XVDLS37	6
XVDLS38	6

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Signaling units Ø 45

Harmony[®] XVM modular tower light

Catalog

September 2013



How to find the “Automation and Control” products

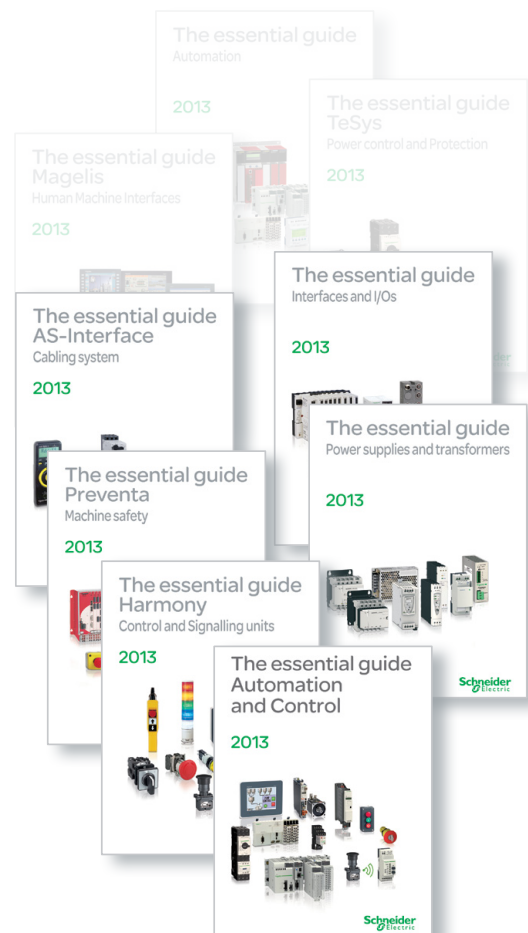
> Catalogs

Complete product ranges



> Essential guides

Selection of the top selling products



General contents

Harmony® XVM modular tower lights

Selection guide page 2

■ Presentation

□ Pre-assembled/pre-cabled tower lights and tower lights
for customer assembly..... page 6

■ References

□ Pre-assembled and pre-cabled tower lights..... page 8

□ Customer assembled tower lights..... page 13

□ Accessories..... page 13

■ How to find the “Automation and Control” products

□ Search, visualize, and download page 14

□ Access product references with adapted tools..... page 16

□ Compare, select, and compile page 18

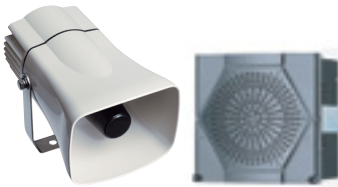
□ Check the product status, design your equipment page 19

■ **Product reference index**..... page 20

Harmony® type XV		Monolithic tower lights	
			
Type of products	Complete pre-cabled pilot lights, height 55 mm/2.17 in.		
Diameter	Ø 25 mm/0.98 in.	Ø 45 mm/1.75 in.	Ø 60 mm/2.36 in.
Degree of protection conforming to IEC 60529	IP 40	IP 40	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 "Flash" Sound	Yes – Yes –	Yes – – With buzzer
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	Yes – – Yes –	– – Yes – –
Colors of illuminated units	☐ Green ☐ Red ☐ Clear ☐ Yellow	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Green ☐ Amber ☐ Blue
Connection	Flying leads, length 360 mm/14.17 in.	Screw clamp terminals	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	Ø 22 mm/0.87 in. or Ø 30 mm/1.18 in.	3 x Ø 3.3 mm/0.13 in. or M3	Base mounting: 3 x Ø 5 mm/0.20 in. Direct aluminium tube mounting: Ø 20/0.79 in. Aluminium tube mounting and "L" bracket: 2 x Ø 9/0.35 in. Aluminium tube mounting and fixing plate: 4 x Ø 6/0.24 in. Aluminium tube mounting and foldable bracket: 4 x Ø 6/0.24 in.
Type references	XV1CA	XVDLS	XVG

			
Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled USB tower lights
Ø 40 mm/1.57 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 60 mm/2.36 in. IP 54 (flat surface installation) IP 23 (vertical surface installation)	Ø 100 mm/3.94 in. IP 54 (flat surface installation)	Ø 60 mm/2.36 in. IP 42
Yes Yes – With buzzer – – Yes – –	Yes Yes – With buzzer – – Yes – –	Yes Yes – With siren or buzzer – – Yes – –	Yes Yes – With buzzer (volume control and alarm type can be set with HMI) – – Yes – –
☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	☐ Red ☐ Orange ☐ Green ☐ Blue ☐ Clear	Multi-color LEDs (many possible combinations can be set with HMI) ☐ Red ☐ Orange ☐ Green ☐ Blue
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.	USB power cable: – 300 mm/11.81 in. for tube mounting – 400 mm/15.75 in. for direct mounting
Mounting on support tube with bracket: 2 x Ø 9 mm/0.35 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/0.20 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: – 3 x Ø 6 mm/0.24 in. (without siren) – 3 x Ø 7 mm/0.28 in. (with siren) Other mounting possibilities with accessories	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.24 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in.
XVC4	XVC6	XVC1	XVGU

Harmony® type XV		Modular tower lights	
			
Type of products		Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units.
Diameter		Ø 45 mm/1.77 in.	Ø 60 mm/2.36 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)	IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting option
Type of signalling	Steady	Yes	Yes
	Flashing	Yes	Yes
	"Flash"	Yes	Yes
	Sound	Yes	Yes
Light sources	Incandescent bulb	Yes	–
	LED bulb	Yes	–
	Integral LED	–	Yes
	"Flash" discharge tube	Yes	–
	Halogen bulb	–	–
Colors of illuminated units		☐ Red ☐ Green ☐ Orange ☐ Blue ☐ Clear	☐ Green ☐ Red ☐ Orange ☐ Blue ☐ White ☐ Yellow (only for multi-color unit with above colors)
Connection		Flying leads, length 300 mm/11.81 in. or screw terminals	Spring cage connection terminals
Support panel drilling or cut-out		Mounting on bracket: 2 x Ø 9 mm /0.35 in. Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.24 in. Direct mounting and Flexible wall mounting: 3 x Ø 5 mm/0.196 in.
Type references		XVM	XVU

	Rotating beacons	Sound solutions
		
Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons	Sirens and electronic alarms
Ø 70 mm/2.76 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	–
IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)	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)	IP 53 (sirens) IP 54 (electronic alarms)
Yes	Yes	–
Yes	–	–
Yes	–	–
Yes	Yes	Yes
Yes	–	–
"PROTECTED LED"	"Super Bright"	–
"PROTECTED LED"	–	–
Yes	–	–
–	Yes	–
☐ Green ☐ Red ☐ Orange ☐ Blue ☐ Clear ☐ Yellow	☐ Red ☐ Orange ☐ Green ☐ Blue	–
Screw clamp terminals	Flying leads, length 400 mm/15.75 in.(except XVR08: 500 mm/19.68 in.)	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Mounting on support tube: 4 x Ø 5.5 mm/0.22 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.20 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.18 in. or M4	Depending on model: – XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.20 in. – XVR10 (Ø 106 mm/5.12 in.): 3 x Ø 5 mm/0.20 in. – XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.24 in. – XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.35 in. – XVR13●●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.28 in.	3 x Ø 6.5 mm/0.25 in.
XVBL, XVBC	XVR	XVS

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Pre-assembled/pre-cabled tower lights and tower lights for customer assembly



XVM Tower lights supplied pre-assembled and pre-cabled, with 1, 2, 3 or 4 illuminated units, each one fitted with a buzzer and a fixing base

Presentation

The modular tower lights in the Harmony® XVM range are available in two forms:

■ Pre-assembled and pre-cabled by Schneider Electric.

The tower lights are supplied:

- with 1, 2, 3 or 4 illuminated signaling units,
- with or without buzzer,
- fitted with a fixing base for mounting on a vertical support (only one support possible) or an horizontal support (two types of support available).

Pre-assembled and pre-cabled Ø 45 mm XVM tower lights cannot be modified due to wiring.

■ Separate components (in catalog) for customer assembly of variable composition units to meet specific requirements.

Light signaling

5 lens unit colors are available: Red, Orange, Green, Clear and Blue.

These illuminated units incorporate a BA 15d base that can be fitted (by simple 15° rotation) with the choice of light source:

- 1 incandescent bulb,
- 1 "Super Bright" LED, or
- 1 "flash" discharge tube.

These three types of light source enable:

- steady light signaling using an incandescent bulb or an LED (1),
- flashing light signaling using an LED,
- "flash" light signaling using a "flash" discharge tube.

(1) A flashing function can also be obtained from a steady light LED by using a PLC output signal.

Audible signaling

The tower light is supplied with or without an audible (buzzer) unit depending on the configuration required. The buzzer is housed in the base unit of the tower light along with:

- A potentiometer for adjusting the volume of the audible signal, up to a value of 85 dB,
- A selector for selecting the type of signal: continuous or intermittent tone.

Modularity

■ XVM tower lights can also be assembled by the customer using separate components, all of which are listed in the catalog:

- either 5 illuminated units maximum, or
- a base unit with buzzer and 4 illuminated units.

■ The light sources (incandescent bulb, Super Bright LED or "flash" discharge tube) are interchangeable. This enables, for example, the replacement of incandescent bulbs initially fitted in a tower light by LEDs (longer service life) in order to reduce maintenance operations. The current consumption of LEDs is very low and consequently, their usage has a definite effect on the reduction of power consumption.

■ The illuminated units easily fit together and the electrical connections are made automatically.

■ For customer assembled indicator banks, the connections in the base unit are made to a screw terminal block.

Environment

The degree of protection of pre-assembled and customer-assembled XVM tower lights depends on the installation mode and on the selected mounting accessories:

- IP 54 in horizontal position (XVM with plastic fixing base),
- IP 42 in vertical position (XVM with metal bracket),
- IP 40 in other positions (all types of XVM tower lights).

Tower lights conform with EN/IEC 60947-1 and EN/IEC 60947-5-1 standards. They are CCC and CE certified.

Cabling

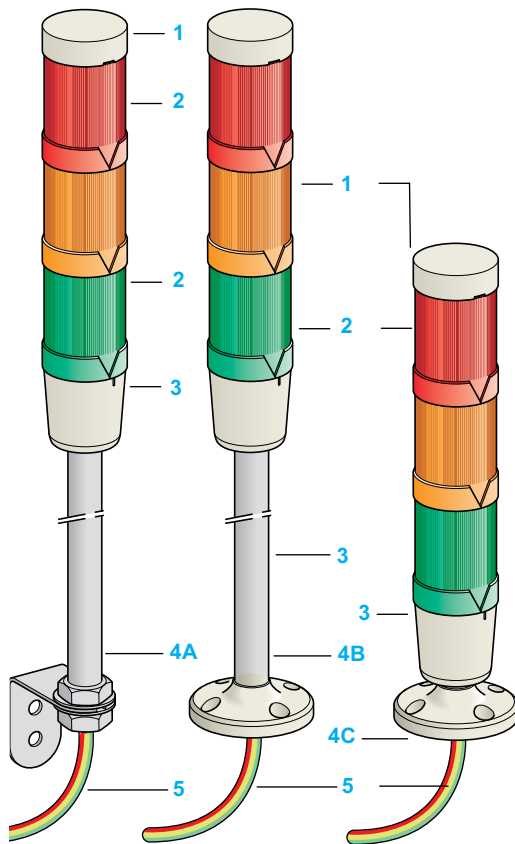
XVM tower lights supplied pre-assembled are equipped with wires marked with a wiring instructions label. Each signaling unit of the tower light is identified by a different wire color. Electrical connections between each unit are made automatically.

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Pre-assembled/pre-cabled tower lights and tower lights for customer assembly



Description

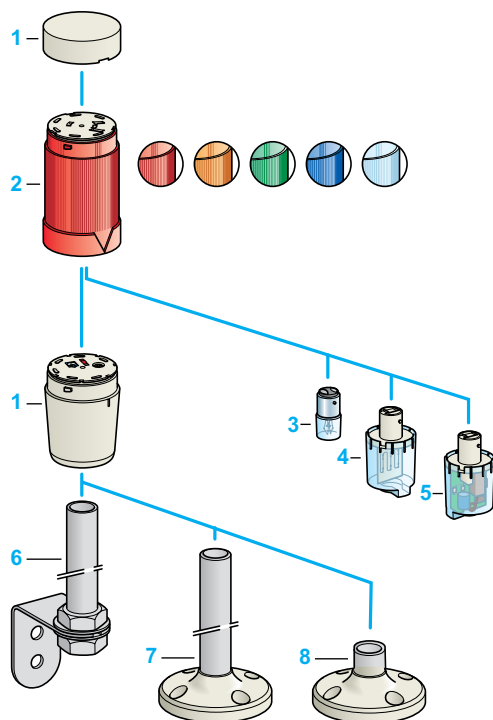
Pre-assembled and pre-cabled tower lights

The pre-assembled XVM indicator banks comprise:

- 1 A cover,
- 2 One, two, three or four colored illuminated units (red, orange, green or blue). Each illuminated unit is fitted with an incandescent bulb, a base mounted Super Bright LED with integrated light diffuser or a "flash" discharge tube, depending on the model selected in catalog,
- 3 A base unit integrating the buzzer (depending on the model),
- 4 A fixing base for mounting on a vertical or horizontal support (depending on the model),
- 5 300 mm flying lead connections, each wire identified.

Three types of fixations are proposed:

- 4A A fixing base, comprising a 250 mm aluminium tube mounted on a bracket, for mounting on a vertical support,
- 4B A fixing base, comprising a 250 mm aluminium tube mounted on a plastic bracket, for mounting on an horizontal support,
- 4C A plastic fixing plate for direct mounting on the base unit.



Customer assembled tower lights

The customised composition of XVM tower lights is obtained by assembling:

- 1 A cover and a base unit, with or without integral buzzer,
- 2 5 illuminated units maximum (1), Red, Orange, Green, Blue or Clear lens (light source not included).

Each illuminated unit can be fitted with either:

- 3 an incandescent bulb,
- 4 a base mounted Super Bright LED with integrated light diffuser, or
- 5 a "flash" discharge tube.

Base mounted LEDs and "flash" discharge tubes can be fitted or removed without using a tool.

The assembly detailed above mounts on either:

- 6 an aluminium support tube (length 100, 250 or 400 mm) mounted on a fixing bracket,
- 7 an aluminium support tube (length 100, 250 or 400 mm) mounted on a plastic fixing plate,
- 8 a plastic fixing plate for direct mounting under the base unit.

(1) Maximum configuration possibilities:

- 5 illuminated units mounted on base unit without buzzer,
- 4 illuminated units mounted on base unit fitted with buzzer.

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Pre-assembled/pre-cabled tower lights

PF100900



XVM●●RWSB
XVM●●RSWSB

Pre-assembled and pre-cabled tower lights with one illuminated unit											
Description	Light source (included)	Voltage (V)	Signaling color (1)			Reference	Weight kg				
			Steady	Flashing	"Flash"						
With fixing base for mounting on horizontal support (plastic fixing plate)											
Protection: IP 54											
Without buzzer	Super Bright LED With integral light diffuser	~ 24	R	–	–	XVMB2RWSB	0.210				
		~ 120	R	–	–	XVMG2RWSB	0.210				
		~ 230	R	–	–	XVMM2RWSB	0.210				
With buzzer integrated in base unit (2)	Super Bright LED With integral light diffuser	~ 24	R	–	–	XVMB2RSWSB	0.210				
		~ 120	R	–	–	XVMG2RSWSB	0.210				
		~ 230	R	–	–	XVMM2RSWSB	0.210				
With fixing base for mounting on horizontal support (250 mm aluminium support tube + plastic fixing plate)											
Protection: IP 54											
Without buzzer"	Super Bright LED With integral light diffuser	~ 24	R	–	–	XVMB2RHSB	0.260				
		~ 120	R	–	–	XVMG2RHSB	0.260				
		~ 230	R	–	–	XVMM2RHSB	0.260				
With buzzer integrated in base unit (2)	Super Bright LED With integral light diffuser	~ 24	R	–	–	XVMB2RSHSB	0.260				
		~ 120	R	–	–	XVMG2RSHSB	0.260				
		~ 230	R	–	–	XVMM2RSHSB	0.260				
With fixing base for mounting on vertical support (250 mm aluminium support tube + metal bracket)											
Protection: IP 42											
Without buzzer	Super Bright LED With integral light diffuser	~ 24	R	–	–	XVMB2RSB	0.360				
		~ 120	R	–	–	XVMG2RSB	0.360				
		~ 230	R	–	–	XVMM2RSB	0.360				
With buzzer integrated in base unit (2)	Super Bright LED With integral light diffuser	~ 24	R	–	–	XVMB2RSSB	0.360				
		~ 120	R	–	–	XVMG2RSSB	0.360				
		~ 230	R	–	–	XVMM2RSSB	0.360				

PF100901



XVM●●RSB
XVM●●RSSB

(1) Signaling color: R: Red.

(2) Continuous or intermittent tone. Sound level at 1 m: 0 dB to 85 dB.

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Pre-assembled/pre-cabled tower lights

PF100903



XVM●●RAHSB
XVM●●RGHSB

PF100907



XVM●●RAGWSB
XVM●●RAGSWB

PF100904



XVM●●RAGHSB
XVM●●RAGSHSB

Pre-assembled and pre-cabled tower lights with two illuminated units (continued)

Description	Light source (included)	Voltage (V)	Signaling color (1)			Reference (2)	Weight kg
			Steady	Flashing	“Flash”		
With fixing base for mounting on horizontal support (250 mm aluminium support tube + plastic fixing plate)							
Protection: IP 54							
Without buzzer	Super Bright LED With integral light diffuser	≈ 24	R-O	–	–	XVMB2RAHSB	0.320
			R-G	–	–	XVMB2RGHSB	0.320
		~ 120	R-O	–	–	XVMG2RAHSB	0.320
			R-G	–	–	XVMG2RGHSB	0.320
		~ 230	R-O	–	–	XVMM2RAHSB	0.320
			R-G	–	–	XVMM2RGHSB	0.320
With buzzer integrated in base unit (3)	Super Bright LED With integral light diffuser	≈ 24	R-O	–	–	XVMB2RASHSB	0.320
			R-G	–	–	XVMB2RGSHSB	0.320
		~ 120	R-O	–	–	XVMG2RASHSB	0.320
			R-G	–	–	XVMG2RGSHSB	0.320
		~ 230	R-O	–	–	XVMM2RASHSB	0.320
			R-G	–	–	XVMM2RGSHSB	0.320

Pre-assembled and pre-cabled tower lights with three illuminated units

Description	Light source (included)	Voltage (V)	Signaling color (1)			Reference (2)	Weight kg
			Steady	Flashing	“Flash”		
With fixing base for mounting on horizontal support (plastic fixing plate)							
Protection: IP 54							
Without buzzer	Super Bright LED With integral light diffuser	≈ 24	R-O-G	–	–	XVMB2RAGWSB	0.320
		~ 120	R-O-G	–	–	XVMG2RAGWSB	0.320
		~ 230	R-O-G	–	–	XVMM2RAGWSB	0.320
With buzzer integrated in base unit (3)	Super Bright LED With integral light diffuser	≈ 24	R-O-G	–	–	XVMB2RAGSWSB	0.320
		~ 120	R-O-G	–	–	XVMG2RAGSWSB	0.320
		~ 230	R-O-G	–	–	XVMM2RAGSWSB	0.320
With fixing base for mounting on horizontal support (250 mm aluminium support tube + plastic fixing plate)							
Protection: IP 54							
Without buzzer	Super Bright LED With integral light diffuser	≈ 24	R-O-G	–	–	XVMB2RAGHSB	0.380
			R-G	O	–	XVMB2RA5GHSB	0.380
		~ 120	R-O-G	–	–	XVMG2RAGHSB	0.380
			R-G	O	–	XVMG2RA5GHSB	0.380
		~ 230	R-O-G	–	–	XVMM2RAGHSB	0.380
			R-G	O	–	XVMM2RA5GHSB	0.380
With buzzer integrated in base unit (3)	Super Bright LED With integral light diffuser	≈ 24	R-O-G	–	–	XVMB2RAGSHSB	0.380
			R-G	O	–	XVMB2RA5GSHSB	0.380
		~ 120	R-O-G	–	–	XVMG2RAGSHSB	0.380
			R-G	O	–	XVMG2RA5GSHSB	0.380
		~ 230	R-O-G	–	–	XVMM2RAGSHSB	0.380
			R-G	O	–	XVMM2RA5GSHSB	0.380

(1) Signaling color: R: Red; O: Orange; G: Green.

(2) In the references, the colors are listed in the same order as the mounting of illuminated units (from top to bottom).

(3) Continuous or intermittent tone. Sound level at 1 m: 0 dB to 85 dB.

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Pre-assembled/pre-cabled tower lights

PF100908



XVM●●RAG
XVM●●RAGSB

PF100908



XVM●●RAGS
XVM●●RAGSSB

Pre-assembled and pre-cabled tower lights with three illuminated units (continued)

Description	Light source (included)	Voltage (V)	Signaling color (1)			Reference (2)	Weight kg
			Steady	Flashing	"Flash"		
With fixing base for mounting on vertical support (250 mm aluminium support tube + metal bracket)							
Protection: IP 42							
Without buzzer	Incandescent bulb, 5 W	≈ 24	R-O-G	–	–	XVMB1RAG	0.480
			O-G	–	R	XVMB1R6AG	0.480
		≈ 120	R-O-G	–	–	XVMG1RAG	0.480
			O-G	–	R	XVMG1R6AG	0.480
		≈ 230	R-O-G	–	–	XVMM1RAG	0.480
			O-G	–	R	XVMM1R6AG	0.480
	Super Bright LED with integral light diffuser	≈ 24	R-O-G	–	–	XVMB2RAGSB	0.480
			O-G	–	R	XVMB2R6AGSB	0.480
			R-G	O	–	XVMB2RA5GSB	0.480
			G	R-O	–	XVMB2R5A5GSB	0.480
			G	O	R	XVMB2R6A5GSB	0.480
		~ 120	R-O-G	–	–	XVMG2RAGSB	0.480
			O-G	–	R	XVMG2R6AGSB	0.480
			R-G	O	–	XVMG2RA5GSB	0.480
			G	R-O	–	XVMG2R5A5GSB	0.480
			G	O	R	XVMG2R6A5GSB	0.480
		~ 230	R-O-G	–	–	XVMM2RAGSB	0.480
			O-G	–	R	XVMM2R6AGSB	0.480
			R-G	O	–	XVMM2RA5GSB	0.480
			G	R-O	–	XVMM2R5A5GSB	0.480
			G	O	R	XVMM2R6A5GSB	0.480
With buzzer integrated in base unit (3)	Incandescent bulb, 5 W	≈ 24	R-O-G	–	–	XVMB1RAGS	0.480
			O-G	–	R	XVMB1R6AGS	0.480
		≈ 120	R-O-G	–	–	XVMG1RAGS	0.480
			O-G	–	R	XVMG1R6AGS	0.480
		≈ 230	R-O-G	–	–	XVMM1RAGS	0.480
			O-G	–	R	XVMM1R6AGS	0.480
	Super Bright LED with integral light diffuser	≈ 24	R-O-G	–	–	XVMB2RAGSSB	0.480
			O-G	–	R	XVMB2R6AGSSB	0.480
			R-G	O	–	XVMB2RA5GSSB	0.480
			G	R-O	–	XVMB2R5A5GSSB	0.480
			G	O	R	XVMB2R6A5GSSB	0.480
		~ 120	R-O-G	–	–	XVMG2RAGSSB	0.480
			O-G	–	R	XVMG2R6AGSSB	0.480
			R-G	O	–	XVMG2RA5GSSB	0.480
			G	R-O	–	XVMG2R5A5GSSB	0.480
			G	O	R	XVMG2R6A5GSSB	0.480
		~ 230	R-O-G	–	–	XVMM2RAGSSB	0.480
			O-G	–	R	XVMM2R6AGSSB	0.480
			R-G	O	–	XVMM2RA5GSSB	0.480
			G	R-O	–	XVMM2R5A5GSSB	0.480
			G	O	R	XVMM2R6A5GSSB	0.480

(1) Signaling color: R: Red; O: Orange; G: Green.

(2) In the references, the colors are listed in the same order as the mounting of illuminated units (from top to bottom).

(3) Continuous or intermittent tone. Sound level at 1 m: 0 dB to 85 dB.

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Pre-assembled/pre-cabled tower lights

PF100909



XVM●●RAGBWSB
XVM●●RAGBSWSB

PF100910



XVM●●RAGBHSB
XVM●●RAGBSHSB

Pre-assembled and pre-cabled tower lights with four illuminated units

Description	Light source (included)	Voltage (V)	Signaling color (1)			Reference (2)	Weight kg	
			Steady	Flashing	“Flash”			
With fixing base for mounting on horizontal support (plastic fixing plate)								
Protection: IP 54								
Without buzzer	Super Bright LED With integral light diffuser	⎓ 24	R-O-G-B	–	–	XVMB2RAGBWSB	0.390	
		~ 120	R-O-G-B	–	–	XVMG2RAGBWSB	0.390	
		~ 230	R-O-G-B	–	–	XVMM2RAGBWSB	0.390	
With buzzer integrated in base unit (3)	Super Bright LED With integral light diffuser	⎓ 24	R-O-G-B	–	–	XVMB2RAGBSWSB	0.390	
		~ 120	R-O-G-B	–	–	XVMG2RAGBSWSB	0.390	
		~ 230	R-O-G-B	–	–	XVMM2RAGBSWSB	0.390	
With fixing base for mounting on horizontal support (250 mm aluminium support tube + plastic fixing plate)								
Protection: IP 54								
Without buzzer	Super Bright LED With integral light diffuser	⎓ 24	R-O-G-B	–	–	XVMB2RAGBHSB	0.440	
		~ 120	R-O-G-B	–	–	XVMG2RAGBHSB	0.440	
		~ 230	R-O-G-B	–	–	XVMM2RAGBHSB	0.440	
With buzzer integrated in base unit (3)	Super Bright LED With integral light diffuser	⎓ 24	R-O-G-B	–	–	XVMB2RAGBSHSB	0.440	
		~ 120	R-O-G-B	–	–	XVMG2RAGBSHSB	0.440	
		~ 230	R-O-G-B	–	–	XVMM2RAGBSHSB	0.440	
With fixing base for mounting on vertical support (250 mm aluminium support tube + metal bracket)								
Protection: IP 42								
Without buzzer	Incandescent bulb, 5 W	⎓ 24	R-O-G-B	–	–	XVMB1RAGB	0.540	
		⎓ 120	R-O-G-B	–	–	XVMG1RAGB	0.540	
		⎓ 230	R-O-G-B	–	–	XVMM1RAGB	0.540	
	Super Bright LED With integral light diffuser	⎓ 24	R-O-G-B	–	–	XVMB2RAGBSB	0.540	
		~ 120	R-O-G-B	–	–	XVMG2RAGBSB	0.540	
		~ 230	R-O-G-B	–	–	XVMM2RAGBSB	0.540	
	With buzzer integrated in base unit (3)	Incandescent bulb, 5 W	⎓ 24	R-O-G-B	–	–	XVMB1RAGBS	0.540
			⎓ 120	R-O-G-B	–	–	XVMG1RAGBS	0.540
			⎓ 230	R-O-G-B	–	–	XVMM1RAGBS	0.540
	Super Bright LED With integral light diffuser	⎓ 24	R-O-G-B	–	–	XVMB2RAGBSSB	0.540	
		~ 120	R-O-G-B	–	–	XVMG2RAGBSSB	0.540	
		~ 230	R-O-G-B	–	–	XVMM2RAGBSSB	0.540	

(1) Signaling color: R: Red; O: Orange; G: Green; B: Blue.

(2) In the references, the colors are listed in the same order as the mounting of illuminated units (from top to bottom).

(3) Continuous or intermittent tone. Sound level at 1 m: 0 dB to 85 dB.

Signaling Units

Modular tower lights

Harmony® type XVM Ø 45

Tower lights for customer assembly



XVMC3●



XVMC29●



XVMZ02



XVMZ02T



XVMZ06



DL1ED●S



DL2E●●●SB



DL6B●



XVMZ081

Customer assembled tower lights

Description	Details	Voltage V	Color	Reference	Weight kg
Illuminated units					
Lens units only for BA 15d base fitting bulb	Bulb not included, 5 W max.	Up to ~ 230	Green	XVMC33	0.040
			Red	XVMC34	0.040
			Orange	XVMC35	0.040
			Blue	XVMC36	0.040
			Clear	XVMC37	0.040

Base mounting units

Base unit and cover	Base unit without buzzer	–	White	XVMC21	0.100
	Base unit with integral 85 dB buzzer	~ 24	White	XVMC29B	0.100
		~ 120	White	XVMC29G	0.100
		~ 230	White	XVMC29M	0.100
Base unit and cover + fixing base (250 mm support tube + bracket)	Base unit without buzzer	–	White	XVMC213T	0.300
	Base unit with integral 85 dB buzzer	~ 24	White	XVMC29B3T	0.300
		~ 120	White	XVMC29G3T	0.300
		~ 230	White	XVMC29M3T	0.300

Fixing bases

Description	Length mm	Height under base unit mm	Color	Reference	Weight kg
Ø 20 mm aluminium support tube + plastic fixing plate (protection IP 54)	100	106	White	XVMZ02	0.100
	250	256	White	XVMZ03	0.100
	400	406	White	XVMZ04	0.200
Ø 20 mm aluminium support tube + metal bracket (protection IP 42)	100	113	–	XVMZ02T	0.200
	250	263	–	XVMZ03T	0.200
	400	413	–	XVMZ04T	0.300
Plastic fixing plate for mounting on horizontal support (protection IP 54)	–	–	White	XVMZ06	0.300

Light sources for lens units (1)

Description	Signaling	Sold in lots of	Voltage V	Color	Unit reference	Weight kg
Incandescent bulbs, 5 W	Steady light	10	~ 24	–	DL1EDBS	0.007
			~ 120	–	DL1EDGS	0.007
			~ 230	–	DL1EDMS	0.007
Super Bright LEDs with integral light diffuser	□ Steady light: replace the ● by D in the references shown on the right. □ Flashing light: replace the ● by K in the references shown on the right.	1	~ 24	White	DL2E●B1SB	0.020
				Green	DL2E●B3SB	0.020
				Red	DL2E●B4SB	0.020
				Blue	DL2E●B6SB	0.020
				Orange	DL2E●B8SB	0.020
		1	~ 120	White	DL2E●G1SB	0.020
				Green	DL2E●G3SB	0.020
				Red	DL2E●G4SB	0.020
				Blue	DL2E●G6SB	0.020
				Orange	DL2E●G8SB	0.020
		1	~ 230	White	DL2E●M1SB	0.020
				Green	DL2E●M3SB	0.020
				Red	DL2E●M4SB	0.020
				Blue	DL2E●M6SB	0.020
				Orange	DL2E●M8SB	0.020
"Flash" discharge tubes, 0.8 Joule	"Flash"	1	~ 24	–	DL6BB	0.022
			~ 120	–	DL6BG	0.022
			~ 230	–	DL6BM	0.022

Accessories for pre-assembled/pre-cabled and customer assembled tower lights

Description	Details	Reference	Weight kg
Cover only	White	XVMZ081	–
Mounting tool	For fitting and removal of incandescent bulbs type DL 1	ZBZX13	–

(1) All light sources are push-and-turn (15°) mounting in a BA 15d base within the illuminated units.

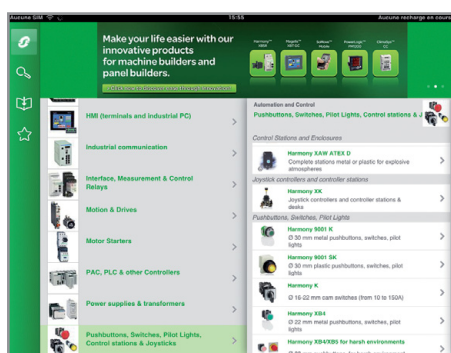
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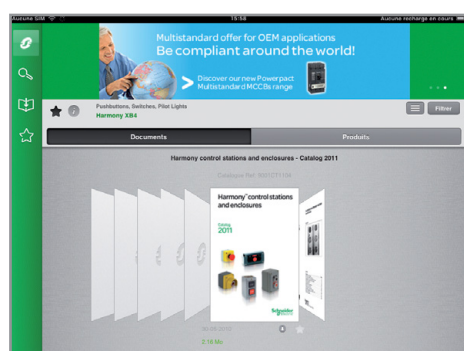


Tablets

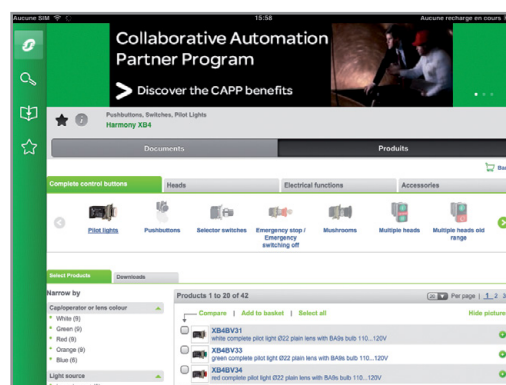
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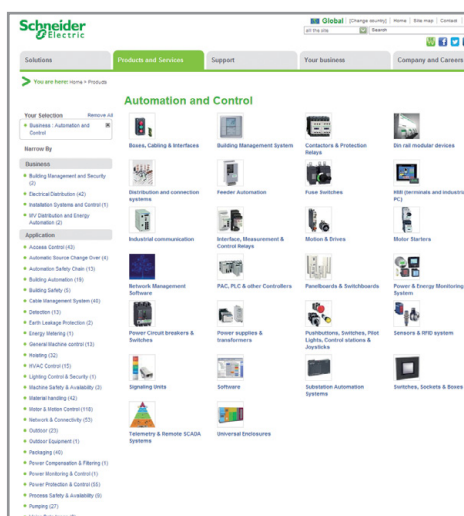
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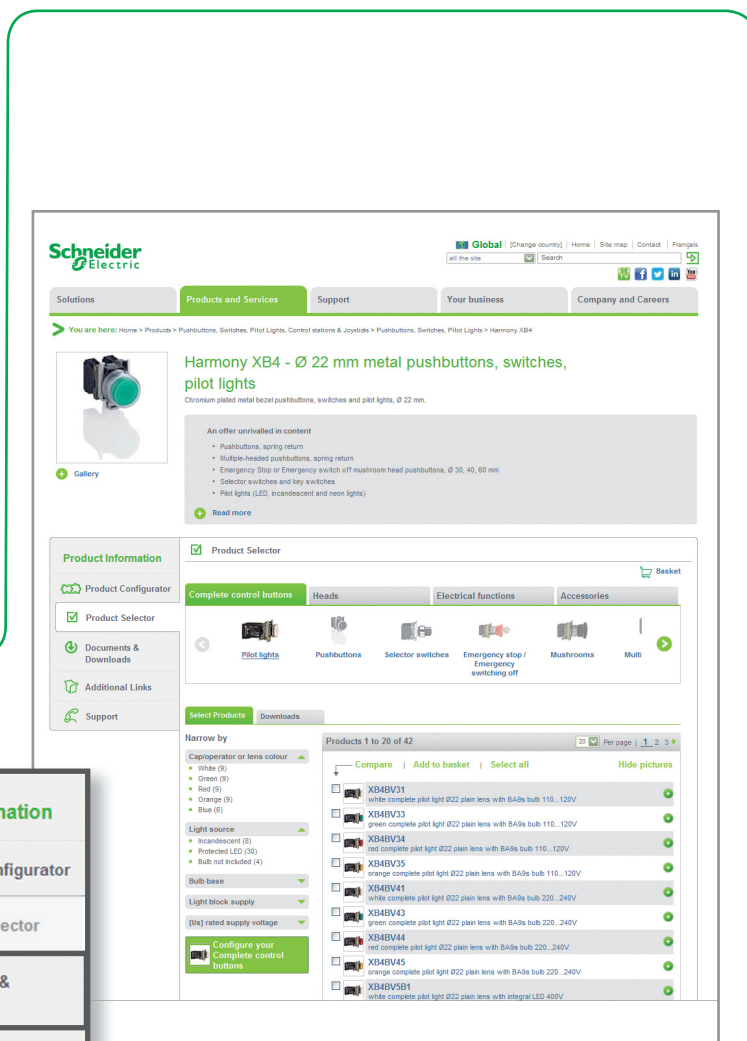
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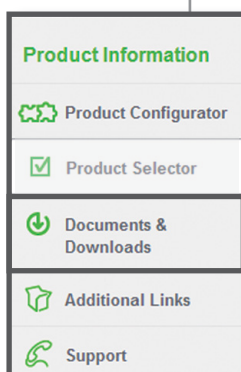
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Product ranges
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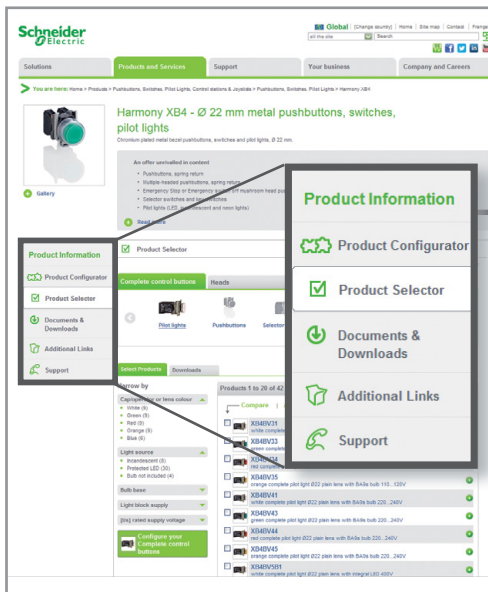


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Access product references with adapted tools

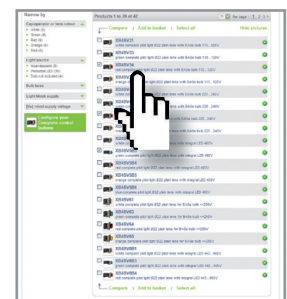
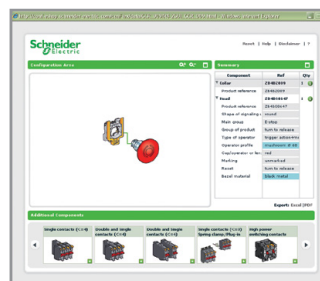
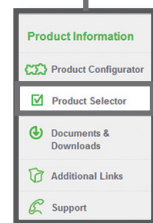
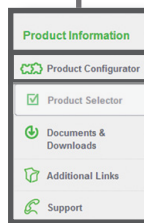


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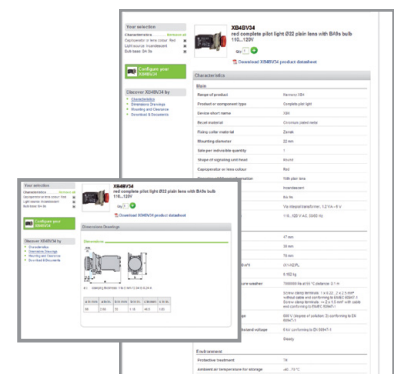


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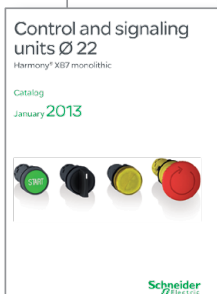
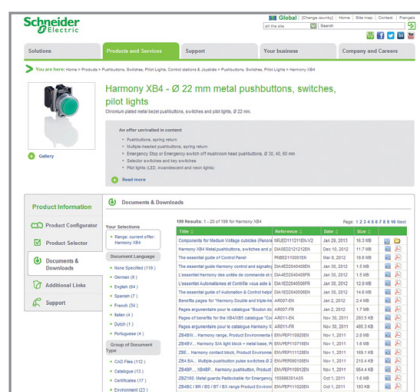
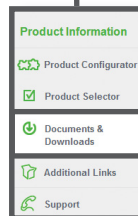


Dimensions

**Technical
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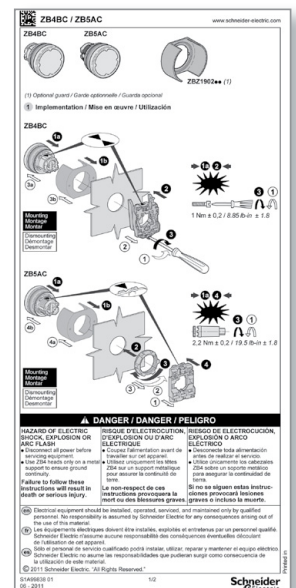
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Essential guides



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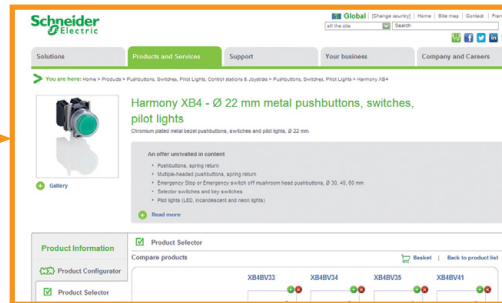
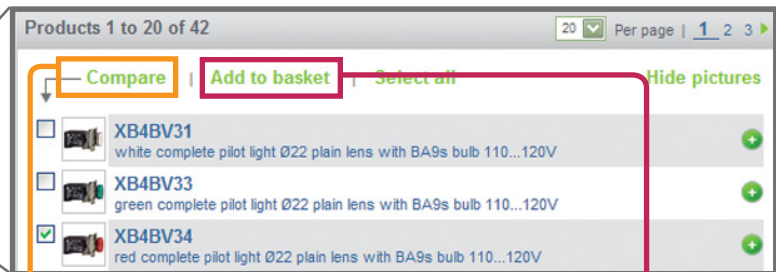
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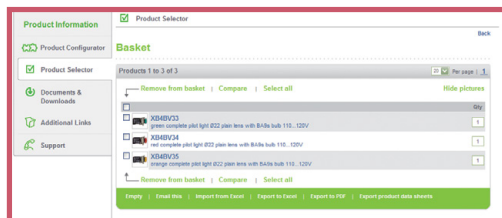
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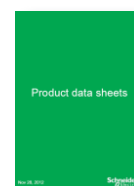
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characteristics



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document

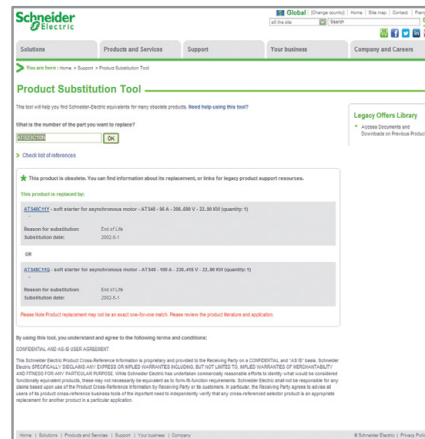
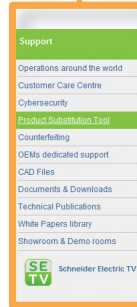
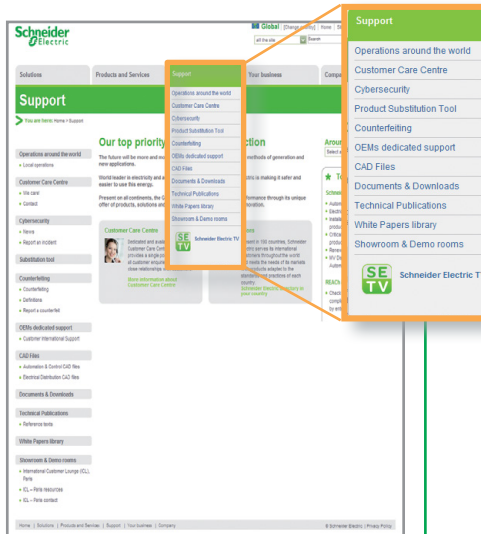
* Example of research on a product

Check the product status, design your equipment

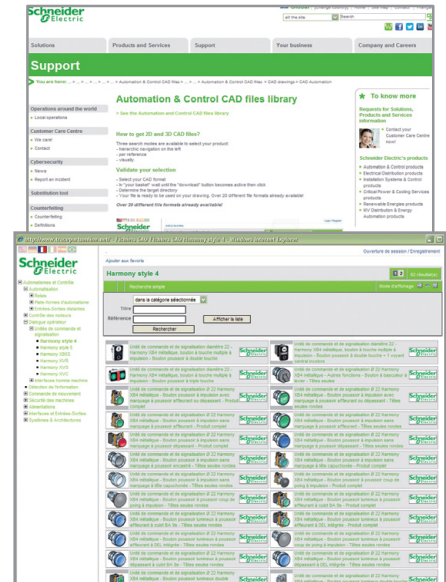


Path: www.schneider-electric.com > **Support** > Product Substitution Tool

Path: www.schneider-electric.com > **Support** > CAD files



Product status:
indicate whether the product
is still commercialized.
Otherwise, the tool suggests a
product substitution.



CAD files:
available in various formats
they will be easily integrated
into your installation design
software.

D		XVMB2RASHSB	10	XVMG2RAGWSB	10	XVMM2RGSSB	9
DL1EDBS	13	XVMB2RASSB	9	XVMG2RAHSB	10	XVMM2RHSB	8
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Signaling units

Ø 84 - 130

Harmony® XVR rotating beacons

Catalog

February 2015



How can you fit a 6000-page catalog in your pocket ?

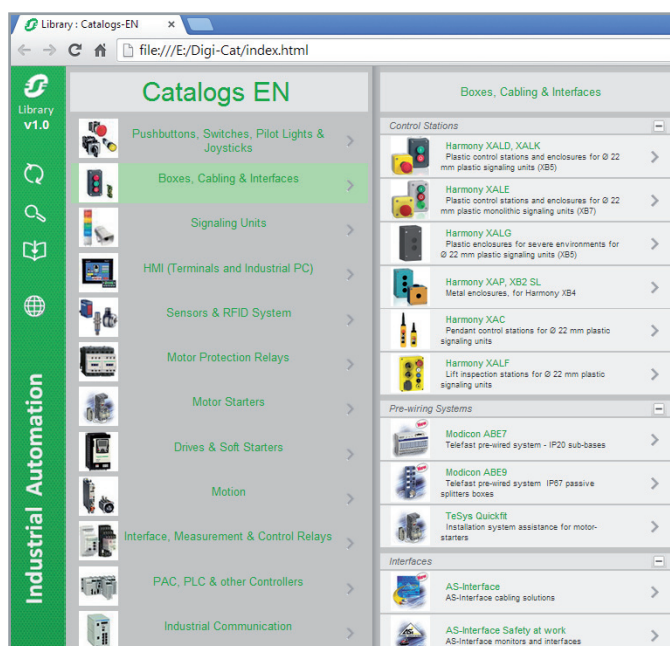
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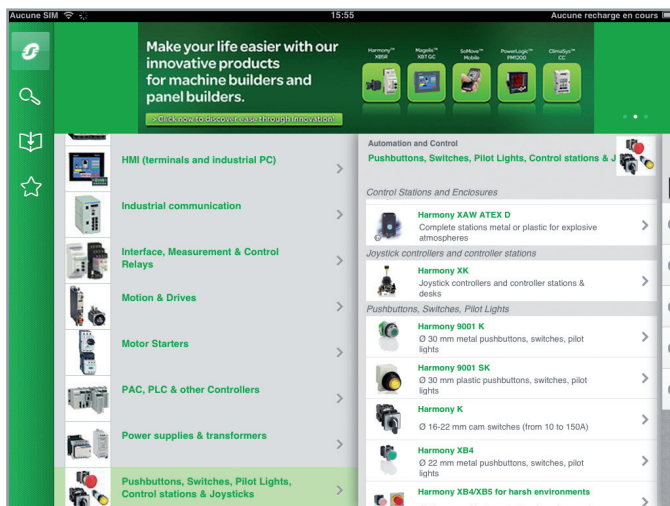
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General contents

Harmony® XVR rotating beacons

- General presentation..... page 2
- Selection guide page 4
- Presentation
 - Rotating beacons, Ø 84,106, 120, and 130..... page 8
 - Motor-less rotating beacons, Ø 100 page 9
- References
 - Pre-cabled rotating beacons..... page 10
 - Accessories for rotating beacons..... page 10
 - Pre-cabled motor-less rotating beacons page 11
 - Accessories for motor-less rotating beacons page 11
- Product reference index..... page 12

Signaling units

Rotating beacons

Harmony type XVR

Ø 84, Ø 106, Ø 120, Ø 100 and Ø 130
(equipped with Super Bright LED)

Motor-less rotating/flashing beacons (continued)

Aesthetic design for industrial application

- > Available in 4 colors: green, red, orange, and blue
- > Unique aesthetic design distinguishes them from other beacons
- > Faceted lens extends the lighting area giving a unique appearance



2014 Red Dot industrial
design award winner for
unique aesthetic design



Robustness

- > Integrated rubber base to improve the IP level
- > Up to IP 65 degree of protection depending on buzzer option, and high vibration resistance of 7.1G
- > CE certified and RoHS compliant



Designed in conformity
with requirements of the
European RoHS
Directive 2011/65/EU



→ Industrial applications

Ideally suited for automotive, machine tools, material handling, and electronic equipment applications.



Factory
applications



Construction
vehicles



Public
areas

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X	
XVUC9S	10
XVUC9SQ	10
XVUC9V	10
XVUC020	11
XVUC020Q	11
XVUC21B	11
XVUC21BQ	11
XVUC21M	11
XVUC21MP	11
XVUC21MQP	11
XVUC23	10
XVUC24	10
XVUC25	10
XVUC26	10
XVUC27	10
XVUC28	10
XVUC29	10
XVUZ01	11
XVUZ01Q	11
XVUZ02	11
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XVUZ03	11
XVUZ04	11
XVUZ05	11
XVUZ06	11

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