

Signaling units Ø 70

Harmony[®] XVB modular tower lights

Catalog

September 2013



How to find the “Automation and Control” products

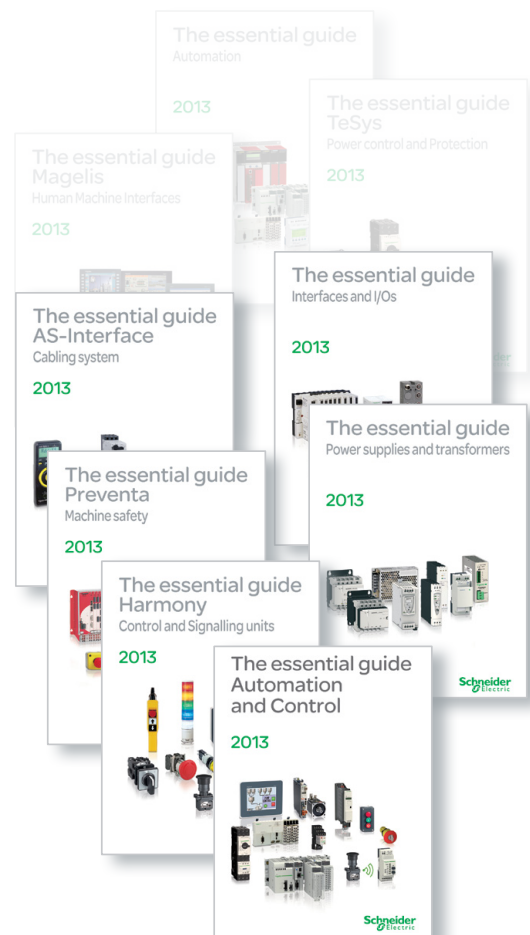
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Harmony® XVB modular tower lights

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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 Flashing "Flash" Sound | – – Yes – | Yes – – With buzzer |
| Light sources | Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb | Yes – – Yes – | – – Yes – – |
| Colors of illuminated units | <input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Clear <input type="checkbox"/> Yellow | <input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear <input type="checkbox"/> Yellow | <input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Amber <input type="checkbox"/> 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 |



| | | | | |
|---|---|--|--|---|
| Type of products | 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 |
| Diameter | Ø 40 mm/1.57 in. | Ø 60 mm/2.36 in. | Ø 100 mm/3.94 in. | Ø 60 mm/2.36 in. |
| Degree of protection conforming to IEC 60529 | IP 54 (flat surface installation) IP 23 (vertical surface installation) | IP 54 (flat surface installation) IP 23 (vertical surface installation) | IP 54 (flat surface installation) | IP 42 |
| Type of signalling | 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) |
| Light sources | – – Yes – – | – – Yes – – | – – Yes – – | – – Yes – – |
| Colors of illuminated units | <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear | <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear | <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear | Multi-color LEDs (many possible combinations can be set with HMI) <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue |
| Connection | Flying leads, length 450 mm/17.71 in. to 900 mm/35.43 in. according to model | Flying leads, length 450 mm/17.71 in. to 850 mm/33.46 in. according to model | Flying leads, length 500 mm/19.68 in. | USB power cable: – 300 mm/11.81 in. for tube mounting – 400 mm/15.75 in. for direct mounting |
| Support panel drilling or cut-out | 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. |
| Type references | 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 Flashing "Flash" Sound | Yes Yes Yes Yes |
| Light sources | Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb | – – Yes – – |
| Colors of illuminated units | <input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear | <input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White <input type="checkbox"/> 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**



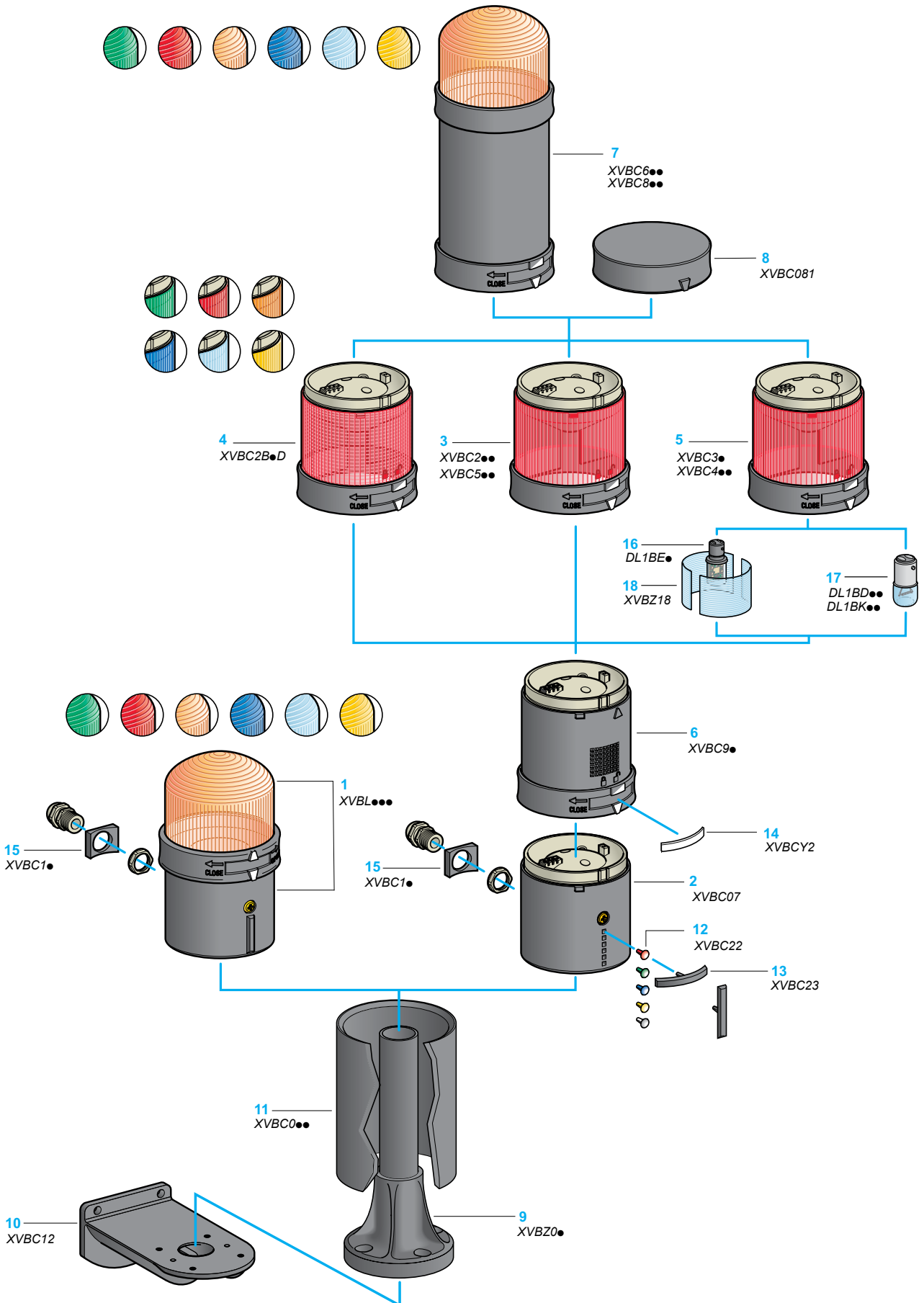
| | | | |
|---|---|---|---|
| Type of products | Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units | Pre-cabled rotating beacons | Sirens and electronic alarms |
| Diameter | Ø 70 mm/2.76 in. | Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in. | – |
| Degree of protection conforming to IEC 60529 | 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) |
| Type of signalling | Yes Yes Yes Yes | Yes – – Yes | – – – Yes |
| Light sources | Yes "PROTECTED LED" "PROTECTED LED" Yes – | – "Super Bright" – – Yes | – – – – – |
| Colors of illuminated units | <input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear <input type="checkbox"/> Yellow | <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue | – |
| Connection | 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.) |
| Support panel drilling or cut-out | 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. |
| Type references | 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

1014075E



XVBL0B●

PF110465



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 |
| Integral “flash” discharge tube ~ 120 V | Integral “flash” discharge tube ~ 120 V | Green | XVBL6G3 | 0.425 |
| | | Red | XVBL6G4 | 0.425 |
| | | Orange | XVBL6G5 | 0.425 |
| | | Blue | XVBL6G6 | 0.425 |
| | | Clear | XVBL6G7 | 0.425 |
| | | Yellow | XVBL6G8 | 0.425 |
| Integral “flash” discharge tube ~ 230 V | Integral “flash” discharge tube ~ 230 V | Green | XVBL6M3 | 0.435 |
| | | Red | XVBL6M4 | 0.435 |
| | | Orange | XVBL6M5 | 0.435 |
| | | Blue | XVBL6M6 | 0.435 |
| | | 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 |
| Integral “flash” discharge tube ~ 120 V | Integral “flash” discharge tube ~ 120 V | Green | XVBL8G3 | 0.460 |
| | | Red | XVBL8G4 | 0.460 |
| | | Orange | XVBL8G5 | 0.460 |
| | | Blue | XVBL8G6 | 0.460 |
| | | Clear | XVBL8G7 | 0.460 |
| | | Yellow | XVBL8G8 | 0.460 |
| Integral “flash” discharge tube ~ 230 V | Integral “flash” discharge tube ~ 230 V | Green | XVBL8M3 | 0.460 |
| | | Red | XVBL8M4 | 0.460 |
| | | Orange | XVBL8M5 | 0.460 |
| | | Blue | XVBL8M6 | 0.460 |
| | | 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.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units with integral LED

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



XVBC2●●



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 | | |

Protected LED

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 | | |

Protected LED

(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.

Signaling Units

Modular tower lights

Harmony® type XVBC Ø 70

Tower lights for customer assembly (up to 5 units)

Illuminated units with integral “flash” discharge tube

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

821006



XVBC6●●

821006



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●

Audible units

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

1013965E



XVBC07

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 | - |

1078308E

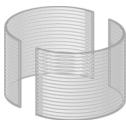


XVBC081

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. | XVBZ18 | 0.080 |

DF54020



XVBZ18

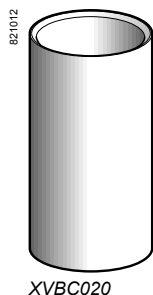
(1) For further information on AS-Interface connections, refer to our "Industrial communication in machines and installations" catalog.

Signaling Units

Modular tower lights

Harmony® type XVB Ø 70

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



DL1BD●●/DL1BK●●

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 |
| | 380 | Aluminium | XVBZ02A | 0.110 |
| | | Black aluminium | XVBZ03 | 0.200 |
| | 780 | Aluminium | XVBZ03A | 0.200 |
| | | 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 |
|--------------------------------|---|---------|--------|-------|
|--------------------------------|---|---------|--------|-------|

| Description | For use with | Material | Reference | Weight kg |
|--|--------------------------------|----------|-----------|-----------|
| Fixing plate for use on horizontal support | Ø 25 mm aluminium support tube | Plastic | XVBZ01 | 0.050 |

| Description | For use with | Material | Reference | Weight kg |
|--|---|----------|-----------|-----------|
| Fixing plate for use on vertical support | Base unit (direct mounting), fixing plate XVBZ01 or fixing bases XVBZ0● | Zamak | XVC12 | 0.380 |

| 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 | Characteristics | Sold in lots of | Unit reference | Weight kg | | |
|---------------------------------|-----------------|-----------------|----------------|-----------|---------|-------|
| Protected LED | ~ 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 | |
| | ~ 230 V | 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 | Characteristics | Sold in lots of | Unit reference | Weight kg | | |
|--|-----------------|-----------------|----------------|-----------|---------|-------|
| Protected LED | ~ 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 | |
| | ~ 230 V | 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.

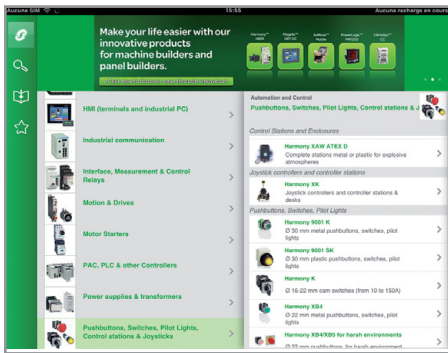
Search, visualize, and download

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

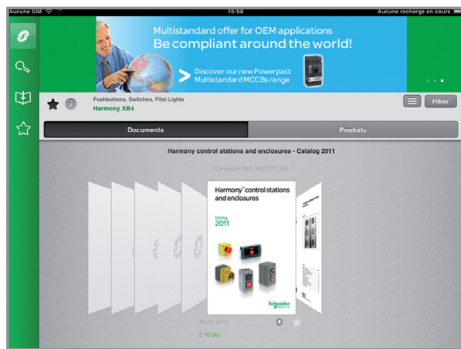


Tablets

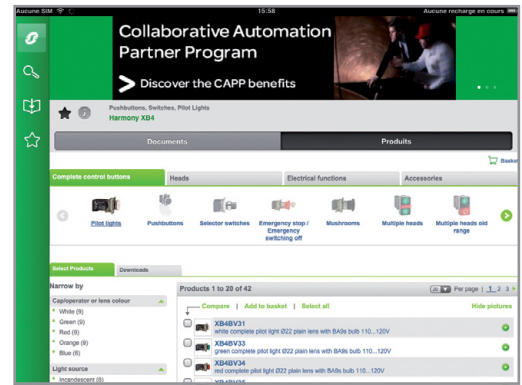
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Product ranges displayed by function



Dynamic catalogs (hyperlinks, video, ...)

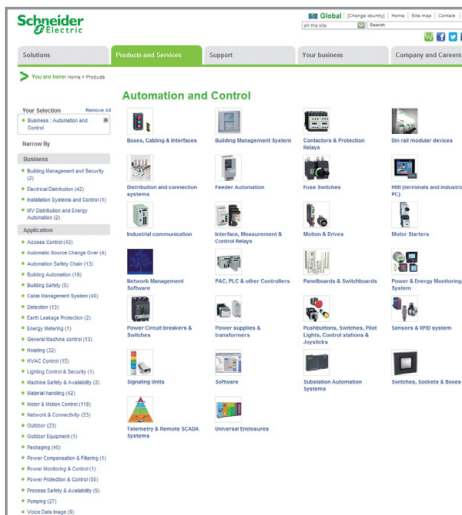


Product selector: dynamic filters to get easily your part number

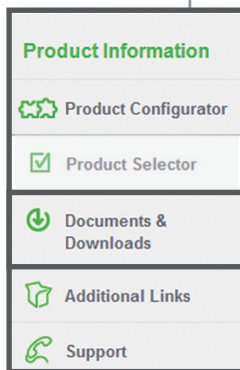
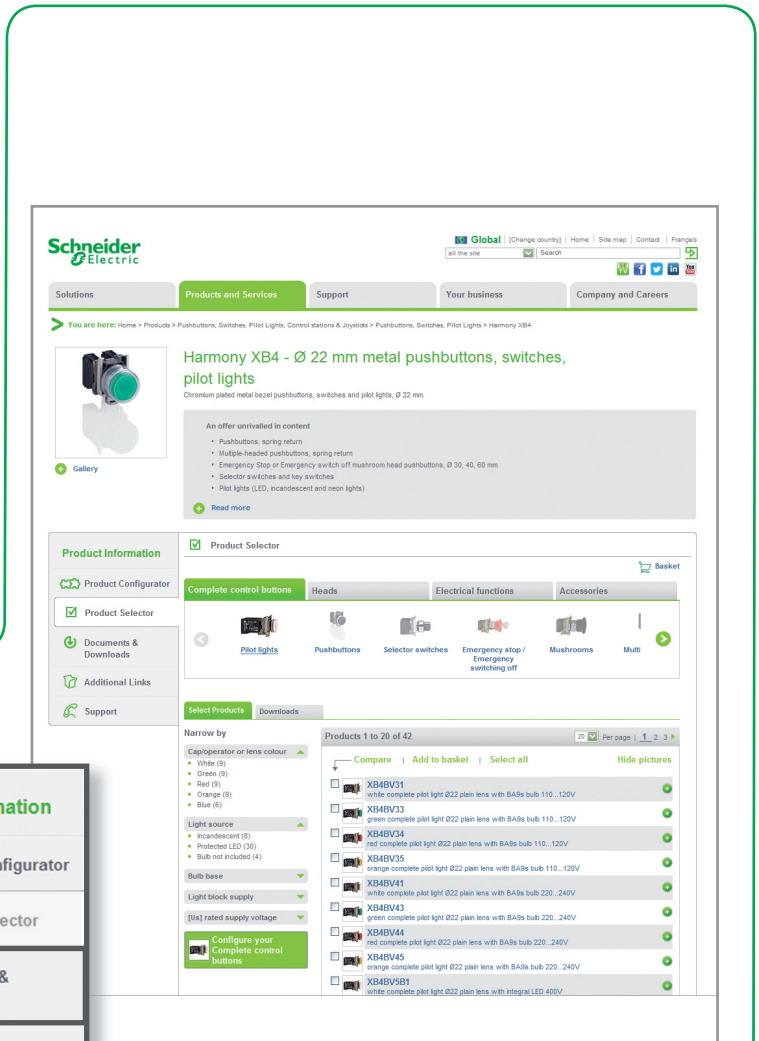


Personal computer

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Product ranges displayed by function



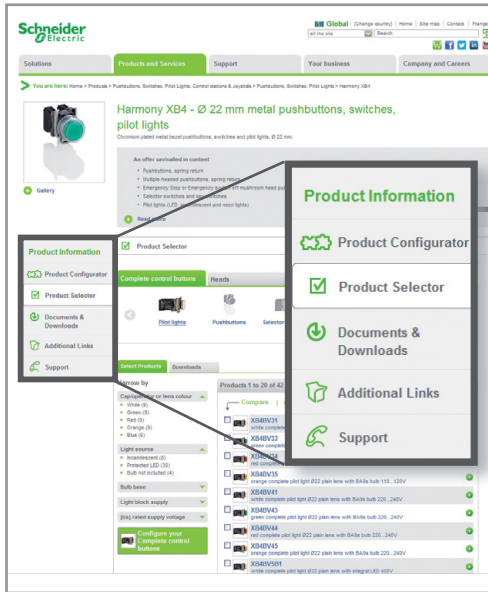
Dynamic catalogs (hyperlinks, video, ...)

Product selector: dynamic filters to get easily your part number

Access product references with adapted tools

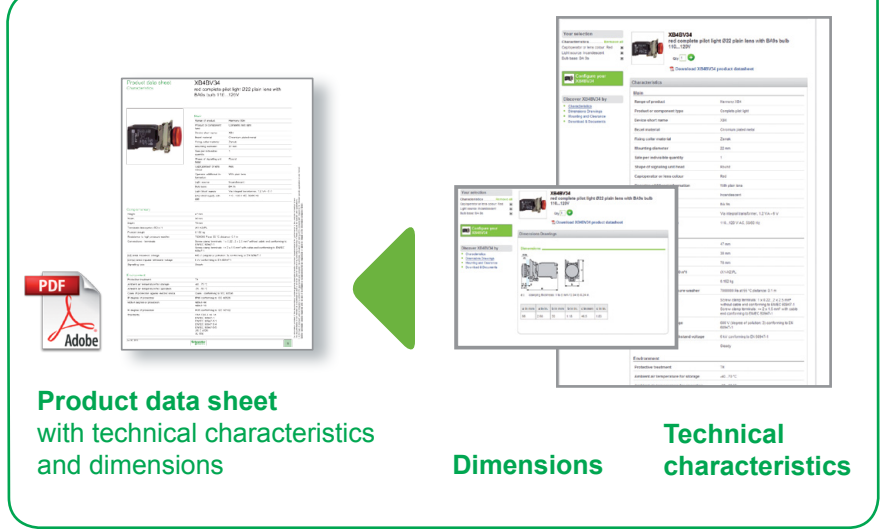
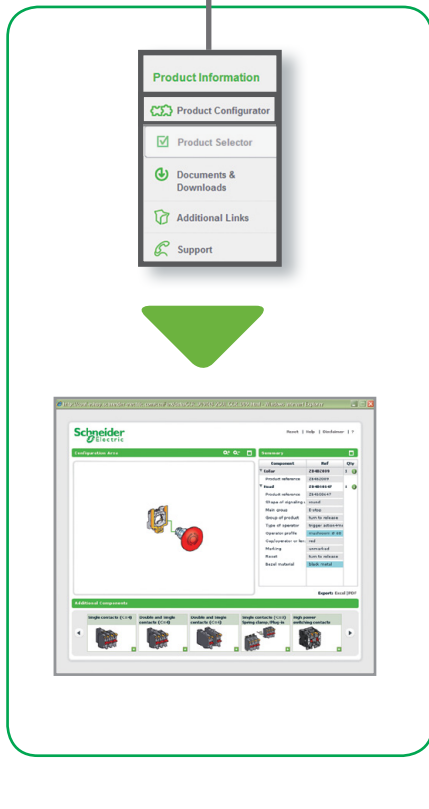


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Graphic product configurator
Select the right product with just a few clicks

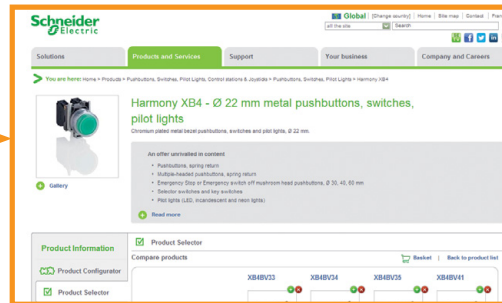
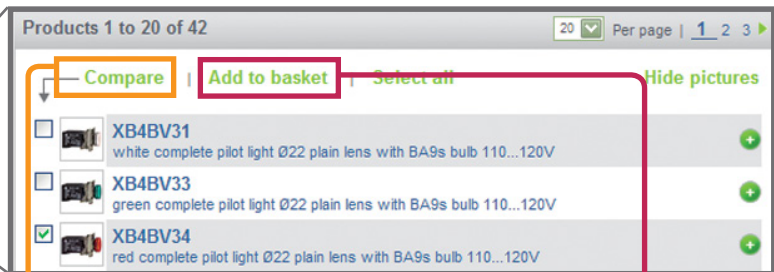
Dynamic product selector
Visualize product characteristics and dimensions



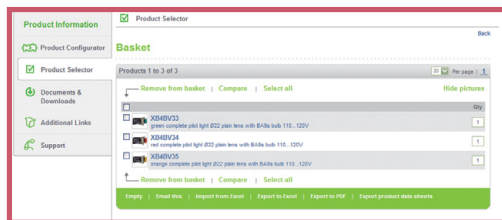
Compare, select, and compile



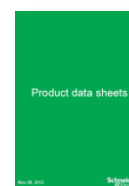
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Compare
technical
characteristics



Select
and store
your products
into
the basket



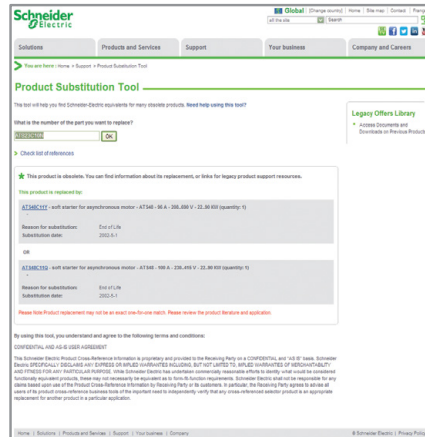
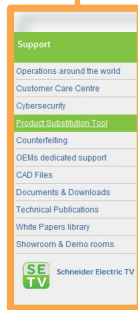
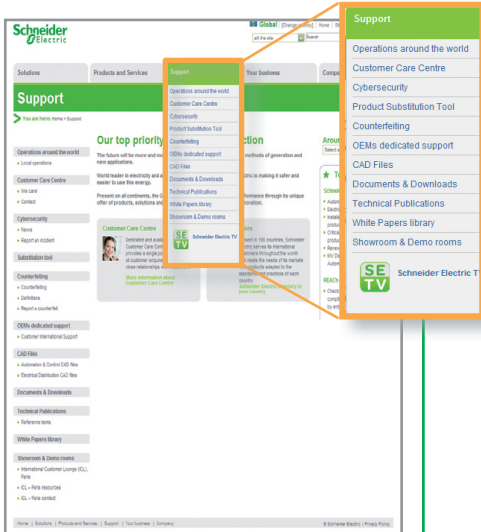
Compile
data sheets
in a unique
document

* Example of research on a product

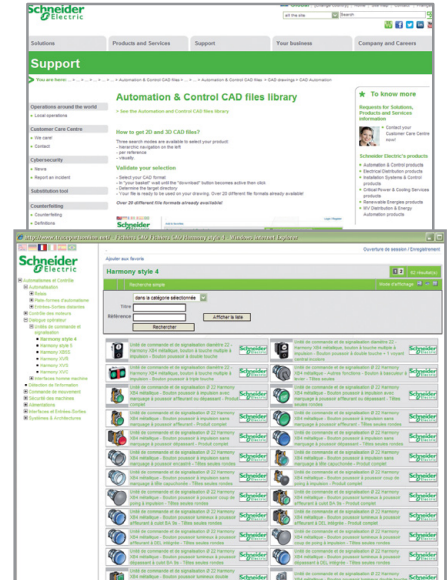
Check the product status, design your equipment



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 | | | | | | | | | |
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