

Signaling units Ø 45

Harmony® XVDLS complete miniature beacons

Catalog

September 2013



How to find the “Automation and Control” products

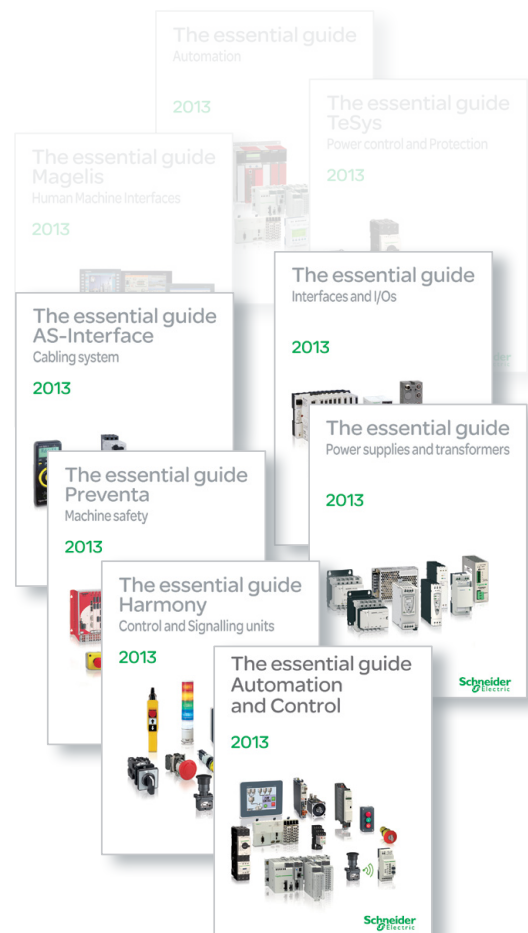
> Catalogs

Complete product ranges



> Essential guides

Selection of the top selling products



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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 –	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 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 – –
Light sources	– – – – – –	– – – – – –	– – – – – –	– – – – – –
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

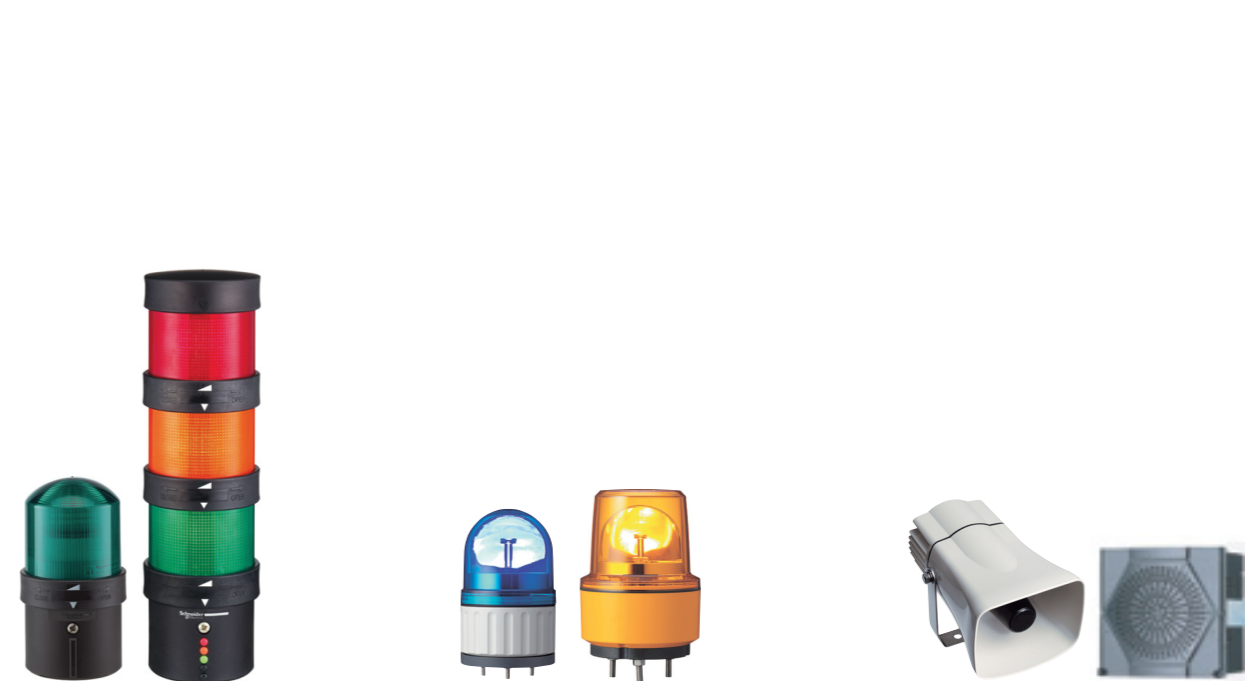
Harmony® type XV

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 Yes - 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 -	- - - 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

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



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		
		"Flash" discharge tube ~ 120 V	Green	Green	XVDLS6G3	0.085
				Red	XVDLS6G4	0.085
Orange	XVDLS6G5			0.085		
Blue	XVDLS6G6			0.085		
Clear	XVDLS6G7			0.085		
Yellow	XVDLS6G8			0.085		
"Flash" discharge tube ~ 230 V	Green			Green	XVDLS6M3	0.085
				Red	XVDLS6M4	0.085
		Orange	XVDLS6M5	0.085		
		Blue	XVDLS6M6	0.085		
		Clear	XVDLS6M7	0.085		
		Yellow	XVDLS6M8	0.085		

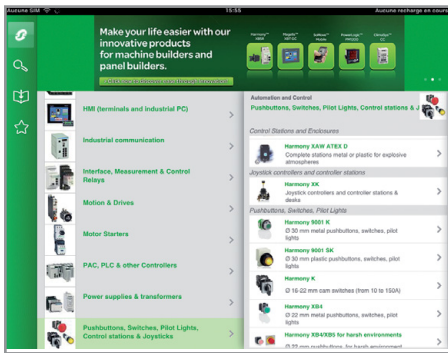
Search, visualize, and download

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

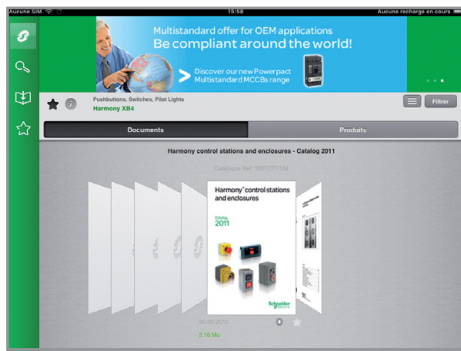


Tablets

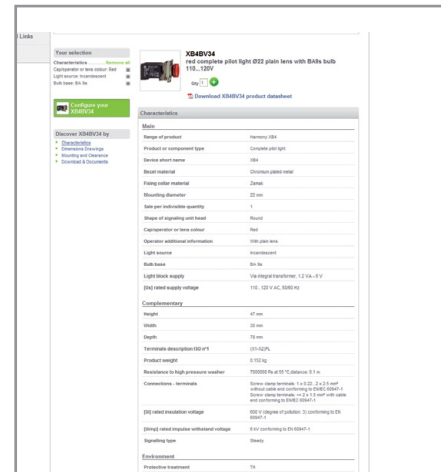
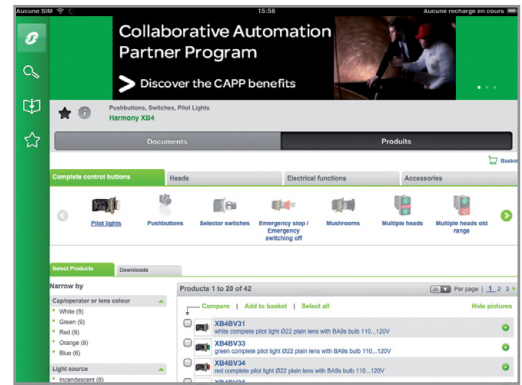
Application name: "Automation Library by Schneider Electric"



Product ranges displayed by function



Dynamic catalogs (hyperlinks, video, ...)

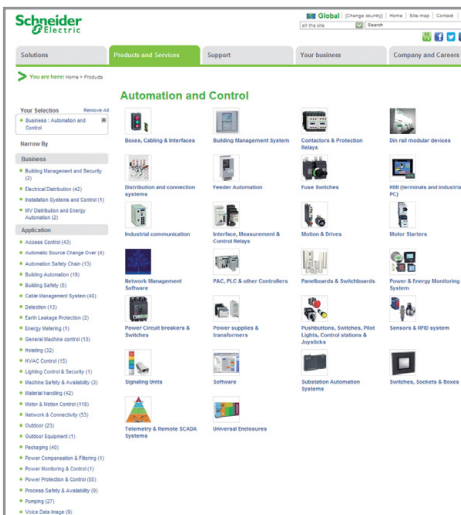


Product selector: dynamic filters to get easily your part number

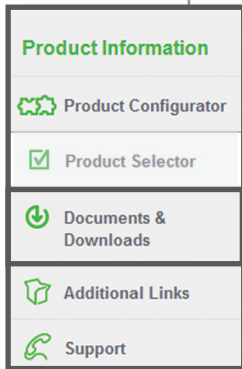
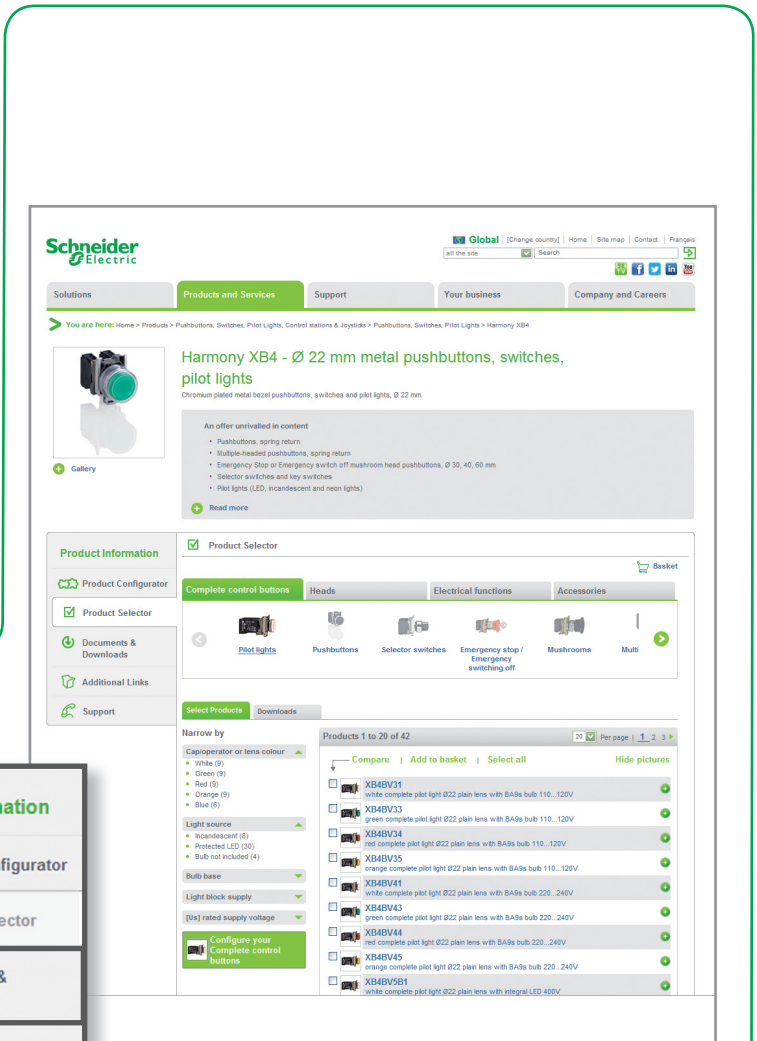


Personal computer

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



Product ranges displayed by function



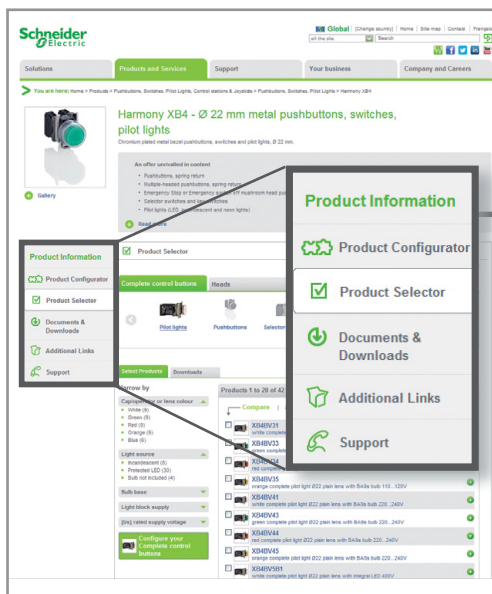
Dynamic catalogs (hyperlinks, video, ...)

Product selector: dynamic filters to get easily your part number

Access product references with adapted tools

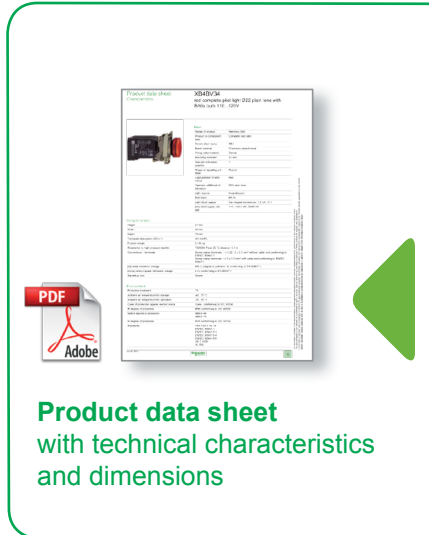
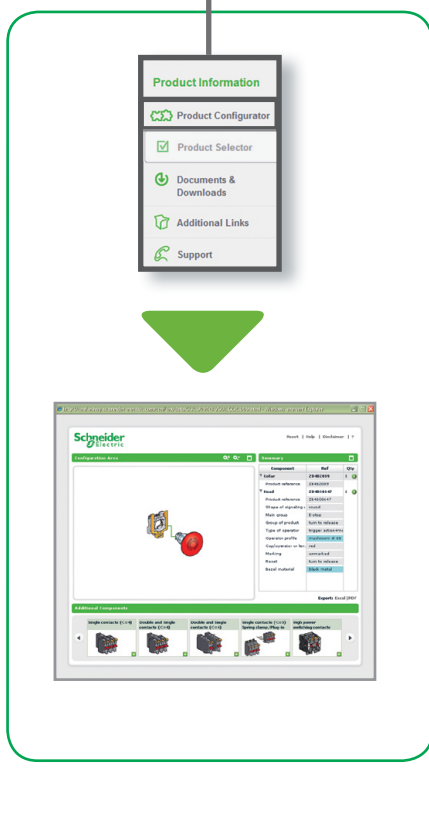


Path: www.schneider-electric.com > **Products and Services** > Automation and control > ... > Product offer



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.

Product Information

- Product Configurator
- Product Selector
- Documents & Downloads
- Additional Links
- Support

The screenshot shows the Schneider Electric website interface for the 'Harmony XB4' product. It includes a navigation menu, a product image, and a table of documents and downloads. The table lists various documents such as 'Harmony XB4 - Ø 22 mm metal pushbuttons, switches, pilot lights' and 'Harmony XB4 - Ø 22 mm metal pushbuttons, switches, pilot lights - Technical data', with columns for title, date, and download status.

The essential guide
Automation and Control
 2013

The cover of the 'The essential guide Automation and Control 2013' catalog features a collage of various Schneider Electric automation and control components, including PLCs, relays, and sensors.

Control and signaling units Ø 22
 Harmony XE7 monolithic
 Catalog
 January 2013

The cover of the 'Control and signaling units Ø 22 Harmony XE7 monolithic' catalog shows several different colored pushbuttons (green, black, yellow, red) arranged in a row.

Essential guides

TYPE APPROVAL CERTIFICATE

Schneider Electric Industrie SAS
 POISSONNIÈRES (FRANCE)

POISSONNIÈRES (LOW VOLTAGE)
 CONTROL AND SIGNALING UNITS Ø 22 mm, XE7A, XE7B, XE7C, XE7D

The certificate includes technical specifications, a date of issue (18 May 2010), and a signature. It is issued by the French Ministry of Industry.

ZB4BC / ZB5AC

The technical drawing shows exploded views of the ZB4BC and ZB5AC components. It includes detailed assembly instructions, safety warnings, and technical specifications. The safety warnings include 'DANGER / DANGER / PELIGRO' and 'HAZARD OF ELECTRIC SHOCK'.



Dynamic catalogs



Certificates



Technical publications

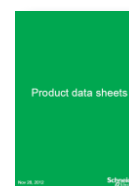
Compare, select, and compile



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

Compare
technical
characteristics

Select
and store
your products
into
the basket



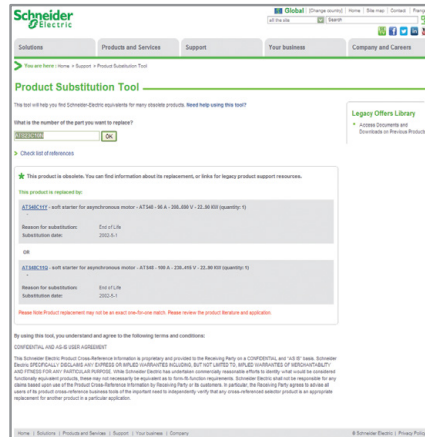
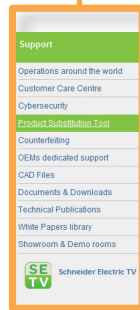
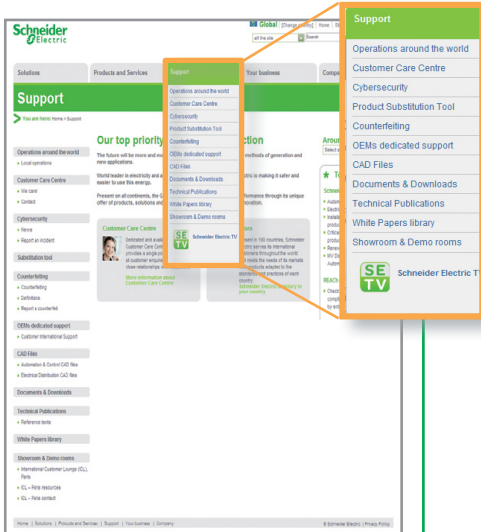
Compile
data sheets
in a unique
document

* Example of research on a product

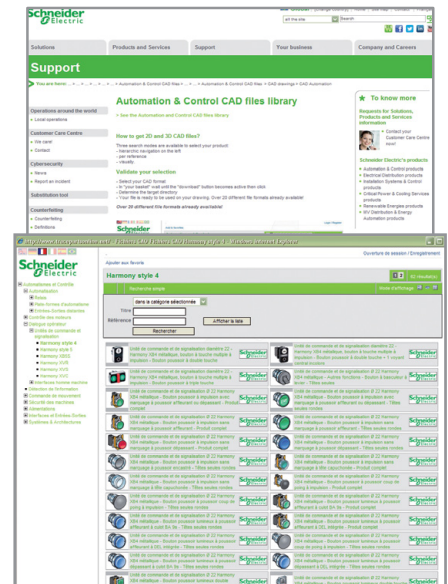
Check the product status, design your equipment



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

Schneider Electric Industries SAS

Head Office
35, rue Joseph Monier
F-92500 Rueil-Malmaison
France

www.schneider-electric.com

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Design: Schneider Electric
Photos: Schneider Electric
Printed by:

DIA5ED2130806EN

September 2013