Catalog | July 2021

Harmony XVS
sirens and electronic alarms

Signaling units

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Harmony

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- **Harmony** HMI Operator Terminals, IPC and EdgeBox
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Quick access to product information

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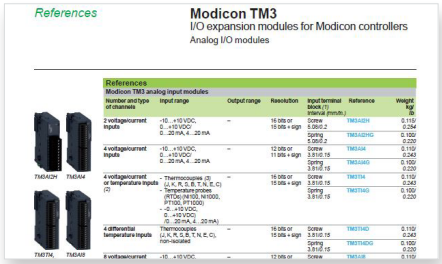

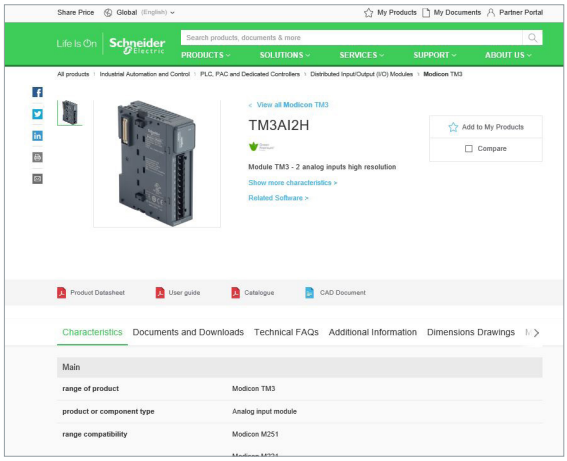

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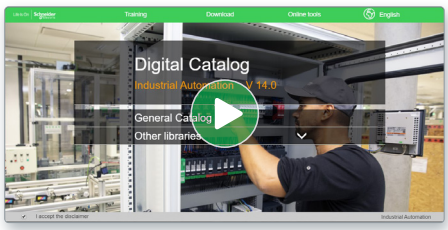
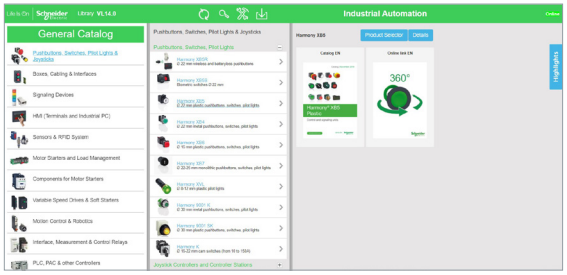
- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

Find your catalog





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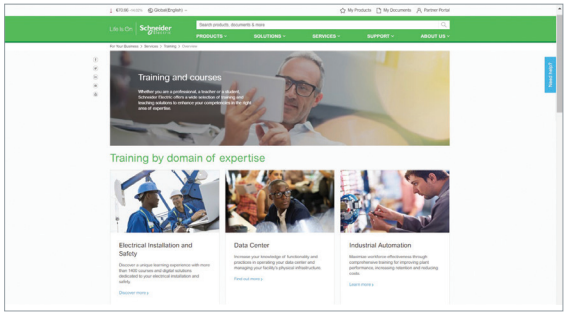

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Harmony XVS sirens and electronic alarms

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Signaling units
Sound units
Harmony type XVS
Multi sound sirens and alarms

Harmony® XVS editable sound offer

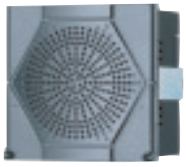
The Harmony XVS range of multi sound sirens, multi sound alarms, and editable alarms are commonly used audible signaling products for a wide range of applications. These audible units come with a combination of innovative features, high performance and simplicity.

- Available in various sound levels to suit for different industrial applications (106dB, 105dB, 90dB, 96dB, 97dB, and 89dB at 1m/*3.28 ft.*)
- Used for long distance indication of the operating status or sequences of a machine or installation

XVSV7●●●

XVSV9●●●

XVS72



XVS96

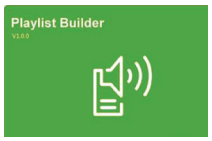
XVS14

XVS10

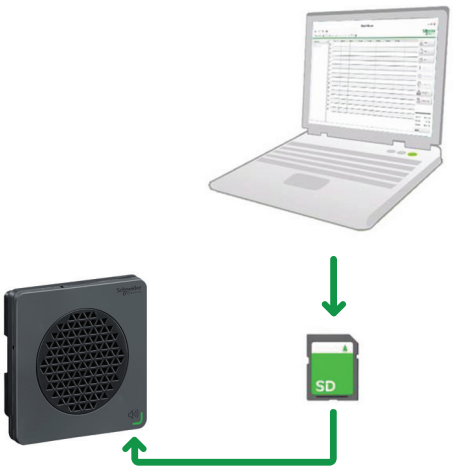
Editable sound offer

Customized voice message

- A free of charge configuration software allows to customize the audible signals via SD card
- Improved efficiency to set up by easily allowing to edit the voice message and change the modes on site
- Adjustable volume up to 97dB (for DIN 96) or 89dB (for DIN 72)



Configuration of audible signal via Playlist Builder software



Compact audible units

Signaling units
Sound units
Harmony type XVS
Multi sound sirens and alarms

Editable sound offer *(continued)*

Easy sound configuration
- High level of alerting with customized voice message
- Different types of audible sounds in single product makes it easy to use, simple to select and decreases the stock
- Wide range of configuration with 6 input channels and up to 63 output tones

Easy sound kit selection and volume adjustment with use of simple tool

Compact and flexible
- Easy installation with panel and wall mounting
- Body thickness reduced to 24.9mm/*0.98 in.* (DIN 72) and 50.1mm/*1.97 in.* (DIN96)
- With binary and bit input options, 8 work operation modes are available for various operations

Panel thickness reduced by 20% making the audible units compact

Robustness
- IP 65 degree of protection (for panel mounting)
- cUL, CE and UKCA certified and RoHS compliant

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

Industrial applications

Ideally suited for factory applications: AGV, packaging machine and non factory applications: packing, public transportation.

Factory applications | **Packing** | **Public areas** | **Public transportation**

Editable voice message

Signaling solutions
Harmony type XV

Harmony type XV		**Monolithic tower lights**	
Type of products		Pre-assembled and pre-cabled USB tower lights	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 4 units
Diameter		Ø 60 mm/*2.362 in.*	Ø 60 mm/*2.362 in.*
Degree of protection conforming to IEC 60529		IP 54	IP 53 and IP 42 (base mounting) IP 23 (direct aluminium tube mounting, aluminium tube mounting and “L” bracket) IP 53 and IP 42 (aluminium tube mounting and fixing plate) IP 40 (aluminium tube mounting and foldable bracket)
Type of signalling	Steady	Yes	Yes
	Flashing	Yes	Yes (* only Red)
	High flashing	–	–
	Sound	With buzzer (volume control and alarm type can be set with HMI)	With buzzer
Light sources	Incandescent bulb	–	–
	LED bulb	–	–
	Integral LED	Yes	Yes
	“Flash” discharge tube	–	–
	Halogen bulb	–	–
Colors of illuminated units		Mutli-color LEDs (many possible combinations can be set with HMI) □ Red □ Orange □ Green □ Blue	□ Red □ Green □ Amber □ Blue
Connection		USB power cable: - 300 mm/*11.81 in.* for tube mounting - 400 mm/*15.75 in.* for direct mounting	Flying leads, length 500 to 560 mm/*19.68 to 22.05 in.* for tube mounting according to model. Length 900 mm/*35.43 in.* for base mounting.
Support panel drilling or cut-out		Mounting on support tube with fixing plate: 4 x Ø 6 mm/*0.236 in.* Direct mounting on horizontal support: 3 x Ø 5 mm/*0.197 in.*	Base mounting: 3 x Ø5 mm/*0.197 in.* Direct aluminium tube mounting: Ø20/*0.787 in.* Aluminium tube mounting and “L” bracket: 2 x Ø9/*0.354 in.* Aluminium tube mounting and fixing plate: 4 x Ø6/*0.236 in.* Aluminium tube mounting and foldable bracket: 4 x Ø6/*0.236 in.*
Type references		**XVGU**	**XVG**

Monolithic tower lights			
Pre-assembled and pre-cabled tower lights		Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights
Ø 40 mm/*1.575 in.*		Ø 60 mm/*2.36 in.*	Ø 100 mm/*3.937 in.*
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)
Yes		Yes	Yes
Yes		Yes	Yes
–		–	–
With buzzer		With buzzer	With siren or buzzer
–		–	–
–		–	–
Yes		Yes	Yes
–		–	–
–		–	–
□ Red □ Orange □ Green □ Blue □ Clear		□ Red □ Orange □ Green □ Blue □ Clear	□ Red □ Orange □ Green □ Blue □ Clear
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.*
Mounting on support tube with bracket: 2 x Ø 9 mm/*0.354 in.* Direct mounting on horizontal support: 3 x Ø 5 mm/*0.20 in.* Other mounting possibilities with accessories		Mounting on support tube with bracket: 2 x Ø 11 mm/*0.43 in.* Direct mounting on horizontal support: 3 x Ø 5 mm/*0.197 in.* Other mounting possibilities with accessories	Direct mounting on horizontal support: - 3 x Ø 6 mm/*0.236 in.* (without siren) - 3 x Ø 7 mm/*0.276 in.* (with siren) Other mounting possibilities with accessories
XVC4		**XVC6**	**XVC1**

Signaling solutions
Harmony type XV

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

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

Signaling Units
Sound units
Harmony type XVS
Multi sound sirens and alarms

XVSV7

XVSV9

XVS10

XVS14

XVS72

XVS96

Presentation

The multi sound sirens and alarms in the Harmony XVS range are audible signaling units used for long distance indication of the operating status or sequences of a machine or installation.

XVSV editable voice alarms

The XVSV editable voice alarms are compact audible signaling units. Availability in dark Grey and White color makes them ideal for use in public areas and for factory applications. These units have wide range of configuration which allows selection of 6 voice channels, playing 63 messages with playback time of 256 sec (64 kb/s), to be mounted on wall or panels (protection: up to IP 65).

XVS10, XVS14, XVS72, XVS96 multi sound sirens and alarms

This range involves several types of ready to use products mainly used on conveyor belts, automated industrial trucks and on the doors of electrical control panels:
- sirens with 2 tones, with very compact size, type XVS10,
- multisound sirens (43 tones), pre-cabled, 8 channels, type XVS14,
- electronic alarms, white or black color, 16 tones, 4 channels, type XVS72 and XVS96, to be mounted on panels (protection: IP 54).

The sound, with continuous or intermittent tone:
- guarantees a sound level of 106 dB at 1 m for XVS10,
- can be adjusted from 0 to 105 dB at 1 m for XVS14,
- can be adjusted from 0 to 90 dB at 1 m for XVS72,
- can be adjusted from 0 to 96 dB at 1 m for XVS96.

Environment

The XVS sirens and electronic alarms offer following characteristics:

- Degrees of protection:
  - IP 65 for editable voice alarms type XVSV
  - IP 53 for multi sound sirens type XVS10 and XVS14
  - IP 54 for multi sound alarms type XVS72 and XVS96

- These products meet the requirements of the following standards:
  - EN/IEC 61000-6-2 and EN/IEC 61000-6-3 for voltages 120 V and 230 V A.C. (**XVS14BMW** and XVS72),
  - EN/IEC 60947-1 and EN/IEC 60947-5-1 for voltages 12 V and 24 V A.C. (XVS10, **XVS14GMW**, **XVS14MMW** and XVS96).

- Product certifications:
  - XVS10, XVS14, XVS72, and XVS96 are CE, UKCA, UL and CSA certified
  - XVSV editable voice alarms are CE, UKCA and cUL certified

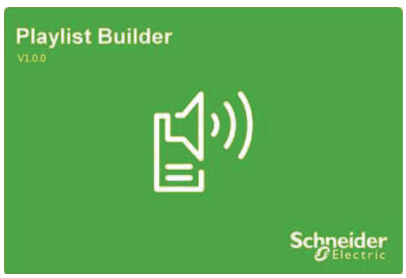
Connection

Products are to be connected:
- through cable-glands for using 6.5 mm/*0.26 in.* to 8.5 mm/*0.33 in.* cables (XVS10)
- through power wire c.s.a.: 0.52 mm^2/*AWG 20* and signal wire c.s.a.: 0.33 mm^2/*AWG 22*, with flying leads, length 500 mm/*19.6 in.* (XVS14),
- through screw clamp terminals (XVS72 and XVS96).

For more technical information, please refer to our website www.schneider-electric.com.

Software configuration

- The “Playlist Builder” software is used to configure the audible signals of XVSV voice units,
- This software can be downloaded from www.schneider-electric.com for free of charge,
- It is compatible with Windows XP and Windows 7 (recommended) operating system,
- It allows configuration of audible signals to be set on 6 voice channels allowing to play 63 messages.



Playlist Builder configuration software window

Signaling Units
Sound units
Harmony type XVS
Multi sound sirens and alarms

PF141527A

XVSV7BWN

PF141528A

XVSV9BBN

PF141530A

XVSZ016

PF540616

XVS10●M

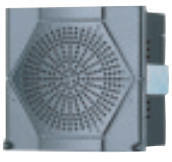
PF569825

XVS14●MW

PF569826

XVS72BM●●

PF569827



XVS96BM●●

XVSV editable voice alarms

Description	Voltage V	Color	Reference	Weight kg/*lb*
Editable alarms, DIN72	⎓ 12-24	NPN, Black	**XVSV7BBN**	0.142/*0.313*
		NPN, White	**XVSV7BWN**	0.142/*0.313*
		PNP, Black	**XVSV7BBP**	0.142/*0.313*
Editable alarms, DIN96	⎓ 12-24	NPN, Black	**XVSV9BBN**	0.268/*0.591*
		NPN, White	**XVSV9BWN**	0.268/*0.591*
		PNP, Black	**XVSV9BBP**	0.268/*0.591*
	∿ 100-230	NPN, Black	**XVSV9MBN**	0.267/*0.589*
	∿ 100-230	NPN, White	**XVSV9MWN**	0.267/*0.589*
Wall mounting plate for DIN72 and DIN96			**XVSZ016** *(1)*	0.148/*0.326*

XVS10, XVS14, XVS72, XVS96 sirens and electronic alarms

Description	Voltage V	Color	Reference	Weight kg/*lb*
Sirens 106 dB, 2 tones	⎓ ∿ 12-24	White	**XVS10BMW**	0.800/*1.764*
	∿ 120	White	**XVS10GMW**	1.000/*2.205*
	∿ 230	White	**XVS10MMW**	1.000/*2.205*
Multisound sirens 0 to 105 dB, 43 tones 8 channels Pre-wired	⎓ 12/24	White	**XVS14BMW**	1.000/*2.205*
	∿ 120	White	**XVS14GMW**	1.200/*2.646*
	∿ 240	White	**XVS14MMW**	1.200/*2.646*
Multisound alarms 0 to 90 dB, 16 tones Panel Mount DIN72 4 channels	⎓ 12/24	PNP, Black	**XVS72BMBP**	0.180/*0.397*
		PNP, White	**XVS72BMWP**	0.180/*0.397*
	⎓ ∿ 12/24	NPN, Black	**XVS72BMBN**	0.180/*0.397*
		NPN, White	**XVS72BMWN**	0.180/*0.397*
Multisound alarms 0 to 96 dB, 16 tones Panel Mount DIN96 4 channels	⎓ 12/24	PNP, Black	**XVS96BMBP**	0.400/*0.882*
		PNP, White	**XVS96BMWP**	0.400/*0.882*
	⎓ ∿ 12/24	NPN, Black	**XVS96BMBN**	0.400/*0.882*
		NPN, White	**XVS96BMWN**	0.400/*0.882*

(1) Optional

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