

Beacons and indicator banks

Harmony

Looking good!



Simply Smart!

Leveraging
ingenuity
and intelligence
for **ease of use**

Beacons and indicator banks

Harmony

Efficient surveillance for improved productivity

The Harmony remote signalling offer, comprising 3 ranges: Universal - Optimum - Application specific, enables you to be kept informed on the status of all your processes at distances up to 100 metres and throughout 360°.

Simple to select and install, this *ingenious* offer is suitable for all types of environments.

⊗ Simplicity and speed of installation

Guaranteed time saving

- Simple fitting together of units for easy product assembly, without using screws or tools
- Complete and pre-cabled products, ready to install
- Electrical connections between each unit made automatically whilst assembling
- Units and light sources interchangeable without altering cabling

⊗ An offer unrivalled in content

Guaranteed solutions for any application

- 3 ranges **Universal** **Optimum** **Application specific**
- Flexibility: complete products or separate components for customer assembly
- Ø 45, 50 or 70 mm indicator banks available
- 3 types of light source:
 - Integral "Protected LED"
 - BA15d base fitting: incandescent bulb or LED bulb "Protected LED"
 - "Flash" discharge tube










Universal range

- High performance and modularity
- Signalling up to 50 metres
- All indoor and outdoor applications

Optimum range

- Excellent price/performance ratio
- Signalling up to 35 metres
- Simple applications in a protected environment



	Ø 50 XVP IP65	Ø 70 XVB IP66	Ø 45 XVDLS IP40	Ø 45 XVM IP42
Product type	Customer assembled	Customer assembled	Complete	Complete and pre-cabled or customer assembled
Light sources	Incandescent bulb	• 7 W max.	• 5 W max.	• 5 W max.
	LED bulb	• "Protected LED"	-	•
	Integral LED	-	-	-
	"Flash" discharge tube	• 1 J	• 5 J or 10J	• 1 J
	Halogen bulb	-	-	-
Audible signalling	Buzzer, 85 dB (adjustable), IP43	Buzzer, 90 dB (adjustable), IP65	-	Buzzer, 80 dB (adjustable)
Mounting/Connection	Clamping ring	Clamping ring/ Connection on AS-Interface 	-	Rotary interlocking of units/ Connection to colour coded wires
Colour of base unit	Black or cream	Black	Black	Cream
Colour of illuminated units	6 colours 	6 colours 	6 colours 	5 colours 
Standards and approvals				



Universal range



High performance and modularity

Perfect modularity for a customised solution

- This customer assembled variable composition range is suitable for all indoor and outdoor environments (up to IP66).

Speed and reliability of installation

- Fixing ensured by large locking ring (no tools required).
- It enables instant access to each unit as well as providing sufficient separation between colours.

Signalling up to 50 m

- Improved performance provided by high luminosity LEDs, "Flash" discharge tubes (5 and 10 Joules) and a powerful, adjustable buzzer.



Optimum range



Excellent price/performance ratio

Economic

- Simple to use, this range, comprising pilot lights, beacons and complete (pre-assembled and pre-cabled) or customer assembled variable composition indicator banks, is for use in protected environments both indoors and outdoors (IP42/IP54).

Linear aesthetics

- A design both different and original, the smooth contours of the external surface avoid the accumulation of dust and grime.

Signalling up to 35 m

- Transmission of light and sound signals optimised for short to medium distances.
- 3 types of light source: LED, incandescent bulb and "Flash" discharge tube.



Application specific range



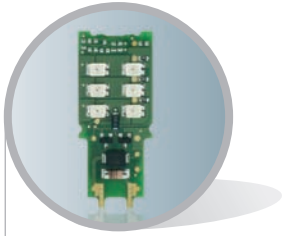
Ready to use for your specific needs

- Rotating mirror beacons and sirens of pre-defined composition to complement your needs for very long signalling distances (up to 100 metres).
- Ready to use indicator banks: a selection of the most common solutions for repetitive applications.

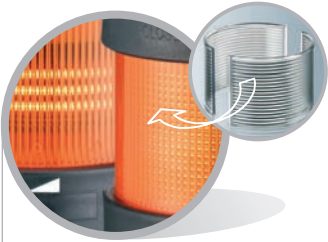
Intuitive messages

Conforming to standard IEC 60204-1

- Red: urgent (immediate action required)
- Yellow/Orange: anomaly (checking and/or intervention required)
- Green: normal condition (optional)
- Blue: obligatory action (action required from the operator)
- White: monitoring (optional)



- Opt for LED technology
- No maintenance
- Product reliability
- Environmental friendliness



- Improve visual comfort
- 50% more light surface area using a new LED card
- The diffuser (for XVB/XVD) provides better visibility in normal light conditions due to the light being distributed over the entire surface of the illuminated unit

Robustness and Safety

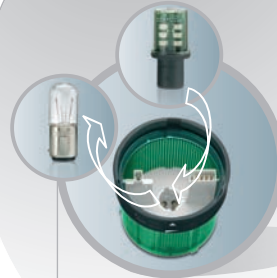
Guaranteed reliability in any situation

- LED technology: more reliable than incandescent
 - Very long life: 100,000 hours luminosity without maintenance (11 years continuous operation)
 - "Protected LED": patented electronic protection against electromagnetic interference
 - Fuse protected against short-circuits
 - Low consumption: 10 times less than incandescent
 - High resistance of LEDs to mechanical shocks and vibrations
 - Clarity of the signal: 6 "true" LED colours directly obtained
- Excellent visibility and contrast whatever the environment
 - In normal light conditions, with diffuser (for XVB/XVD), obtain very diffused lighting whatever your viewing angle
 - In very bright light conditions, remove the diffuser to obtain excellent contrast using 3 very distinct rows of light

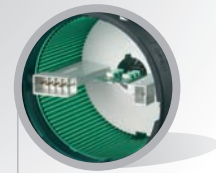
Our LED solutions

For existing installations

For new installations



- Base mounted LED:
- Easily change your incandescent bulbs for an LED solution



- Illuminated unit with integral LED:
- Reduced stock
- Savings in time
- Safety

Application specific range

- Ready to use for your specific needs
- Signalling up to 100 metres



A selection of the top selling products. Discover all the references on www.telemecanique.com

Ø 70 XVE IP42/IP54	Ø 70 XVD IP40	Ø 130 XVR IP65	Ø 107 XVS IP40	Product type
Customer assembled	Complete and pre-cabled or customer assembled	Complete	Complete	Incandescent bulb
• 5 W max.	• 7 W max.	• 25 W max. Rotating mirror	-	LED bulb
-	• "Protected LED"	-	-	Integral LED
• 1 J	• 5 J	-	-	"Flash" discharge tube
-	Buzzer, 85 dB (non adjustable)	• 70 W Rotating mirror.	-	Halogen bulb
Buzzer, 85 dB (non adjustable)	Buzzer, 90 dB (adjustable)	-	1 or 2 tones, 106 dB	Audible signalling
1 fixing screw per unit of bank	1 fixing screw throughout height of bank/ Connection to color coded wires	-	-	Mounting/Connection
Black	Black	Black	Black	Colour of base unit
5 colours	6 colours	5 colours	-	Colour of illuminated units
				Standards and approvals

Indicator banks XVP	Customer assembled 24V AC/DC ⁽¹⁾
Illuminated units	
With "Flash" discharge tube, 1 J	XVP C6B• ⁽²⁾
For BA15d bulb + LED bulb (steady light)	XVP C3• ⁽²⁾ + DL1BDB• ⁽³⁾
Audible unit	
Buzzer 24V DC	XVP C09B
Base unit/support tube (black)	
Base unit + cover	XVP C21
Support tube: 89 mm high	XVP C02

Indicator banks XVB	Customer assembled 24V AC/DC ⁽¹⁾
Illuminated units	
With "Flash" discharge tube, 5 J	XVB C6B• ⁽²⁾
With integral LED (steady light)	XVB C2B•D ⁽²⁾
Audible unit	
Buzzer, 12...48V AC/DC	XVB C9B
Base unit/support tube	
Base unit + cover	XVB C21
Support tube: 80 mm high	XVB Z02

Illuminated beacons XVB	Complete 24V AC/DC ⁽¹⁾
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Illuminated beacons	
With steady light LED signalling	XVB L0B• ⁽²⁾
With "Flash" discharge tube, 5 J	XVB L6B• ⁽²⁾

(1) For 120V AC and 230V AC supply voltages, please refer to our catalogue

(2) Select the colour of the illuminated units by replacing the • with one of the following numbers:
3 = green, 4 = red, 5 = orange, 6 = blue, 7 = clear, 8 = yellow
(example: XVPC6B3)

(3) Select the colour of the LEDs by replacing the • with one of the following numbers:
1 = white, 3 = green, 4 = red, 5 = orange, 6 = blue, 8 = yellow



Indicator banks XVM	Complete & pre-cabled ⁽¹⁾ 24V AC/DC ⁽²⁾
2 illuminated units with LED Bulb	
Steady light (R-G)	- XVM B2RGH
Steady light (R-G)	Buzzer integrated XVM B2RGSB
3 illuminated units with LED Bulb	
Steady light (R-O-G)	- XVM B2RAGH
Steady light (R-O-G)	Buzzer integrated XVM B2RAGSB
Flashing light (O) Steady light (R-G)	- XVM B2RA5GH
Flashing light (O) Steady light (R-G)	Buzzer integrated XVM B2RA5GSB
4 illuminated units with LED Bulb	
Steady light (R-O-G-B)	- XVM B2RAGBH
Steady light (R-O-G-B)	Buzzer integrated XVM B2RAGBSB

Indicator banks XVE	Customer assembled 24V AC/DC ⁽²⁾
Illuminated units	
With "Flash" discharge tube, 1 J	XVE C6B• ⁽³⁾
Integral LED (steady light)	XVE C2B• ⁽³⁾
Audible unit	
Buzzer	XVE C9B
Base unit/support tube	
Base unit + cover	XVE C21
Support tube: 80 mm high	XVB Z02

Illuminated beacons XVE	Complete 24V AC/DC ⁽²⁾
With integral LED, steady light	XVE L2B• ⁽³⁾
With "Flash" discharge tube, 1 J	XVE L6B• ⁽³⁾

Illuminated beacons XVDLS	Complete 24V AC/DC ⁽²⁾
For steady light signalling (bulb not included) + 24V incandescent bulb	XVDLS 3• ⁽³⁾ + DL1 BEBS
With "Flash" discharge tube, 1 J	XVDLS 6B• ⁽³⁾

(1) For a fixing base with metal bracket, delete the letter "H" from the end of the reference

(2) For 120V AC and 230V AC supply voltages, please refer to our catalogue

(3) Select the colour of the illuminated units by replacing the • with one of the following numbers:
3 = green, 4 = red, 5 = orange, 6 = blue, 7 = clear
(example: XVEC6B3), 8 = yellow for XVDLS



Indicator banks XVD	Complete & pre-cabled 24V AC/DC ⁽¹⁾
2 signalling units with LED Bulb	
2 steady light (R-G)	- XVD B2GR
3 signalling units with LED Bulb	
3 steady light (R-O-G) -	XVD B2GAR
2 steady light (O-G)	+ 1 "Flash" discharge tube, 5 J (R) XVD B2GAR6
2 steady light (R-G)	+ 1 buzzer XVD B2SGR
4 signalling units with LED Bulb	
4 steady light (R-O-G-B) -	XVD B2CGAR
3 steady light (R-O-G)	+ 1 buzzer XVD B2SGAR

Illuminated beacons XVD	Complete & pre-cabled 24V AC/DC ⁽¹⁾
With "Flash" discharge tube, 5 J (R)	- XVD BR6
With "Flash" discharge tube, 5 J (O)	- XVD BA6

Rotating mirror beacons XVR	Complete 24V AC/DC ⁽¹⁾
Halogen bulb, 70 W (included)	XVR 1B9• ⁽²⁾
Incandescent bulb, 25 W (included)	XVR 1B0• ⁽²⁾

Siren XVS	Complete 24V AC/DC ⁽¹⁾
Siren, 106 dB (2 different tones)	XVS B2

(1) For 120V AC and 230V AC supply voltages, please refer to our catalogue

(2) Select the colour of the illuminated units by replacing the • with one of the following numbers:
3 = green, 4 = red, 5 = orange, 6 = blue, 8 = yellow
(example: XVR1B93)



Harmony it's also
a complete range of:



Pushbuttons, switches
and pilot lights



Control stations



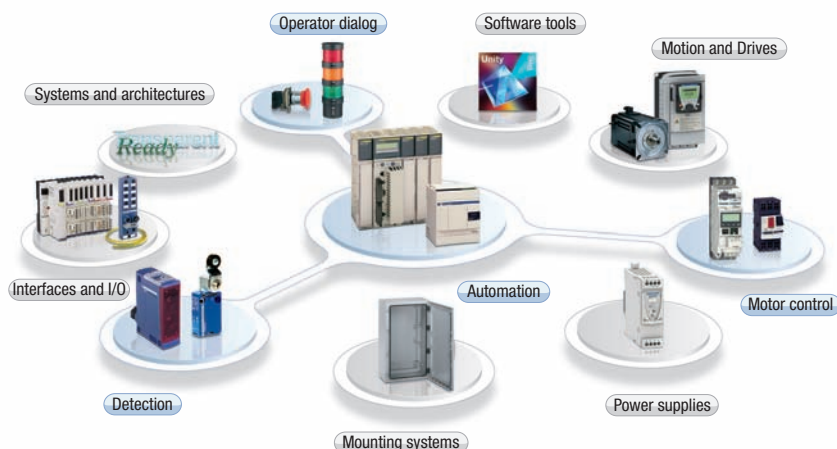
Cam switches



Foot switches

The efficiency of Telemecanique branded *solutions*

Used in combination, Telemecanique products provide quality solutions,
meeting all your **Automation & Control** applications requirements.



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