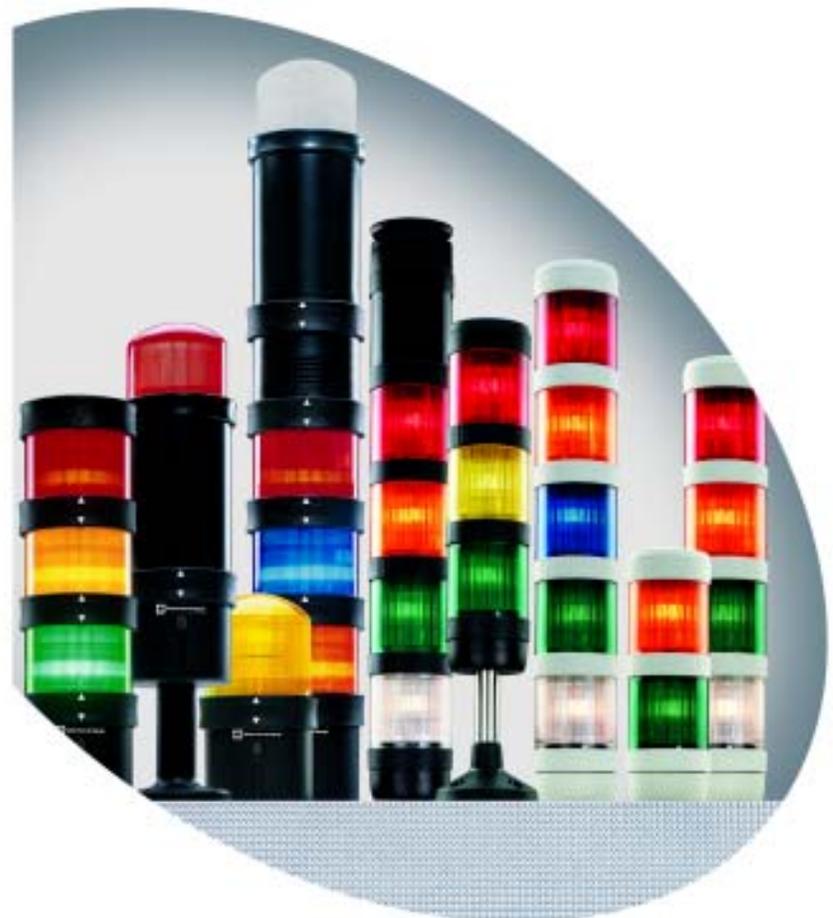


Control and Signaling Indicating Banks **XVB Diameter 70mm**

Catalog
February
2004



a brand of
Schneider
Electric

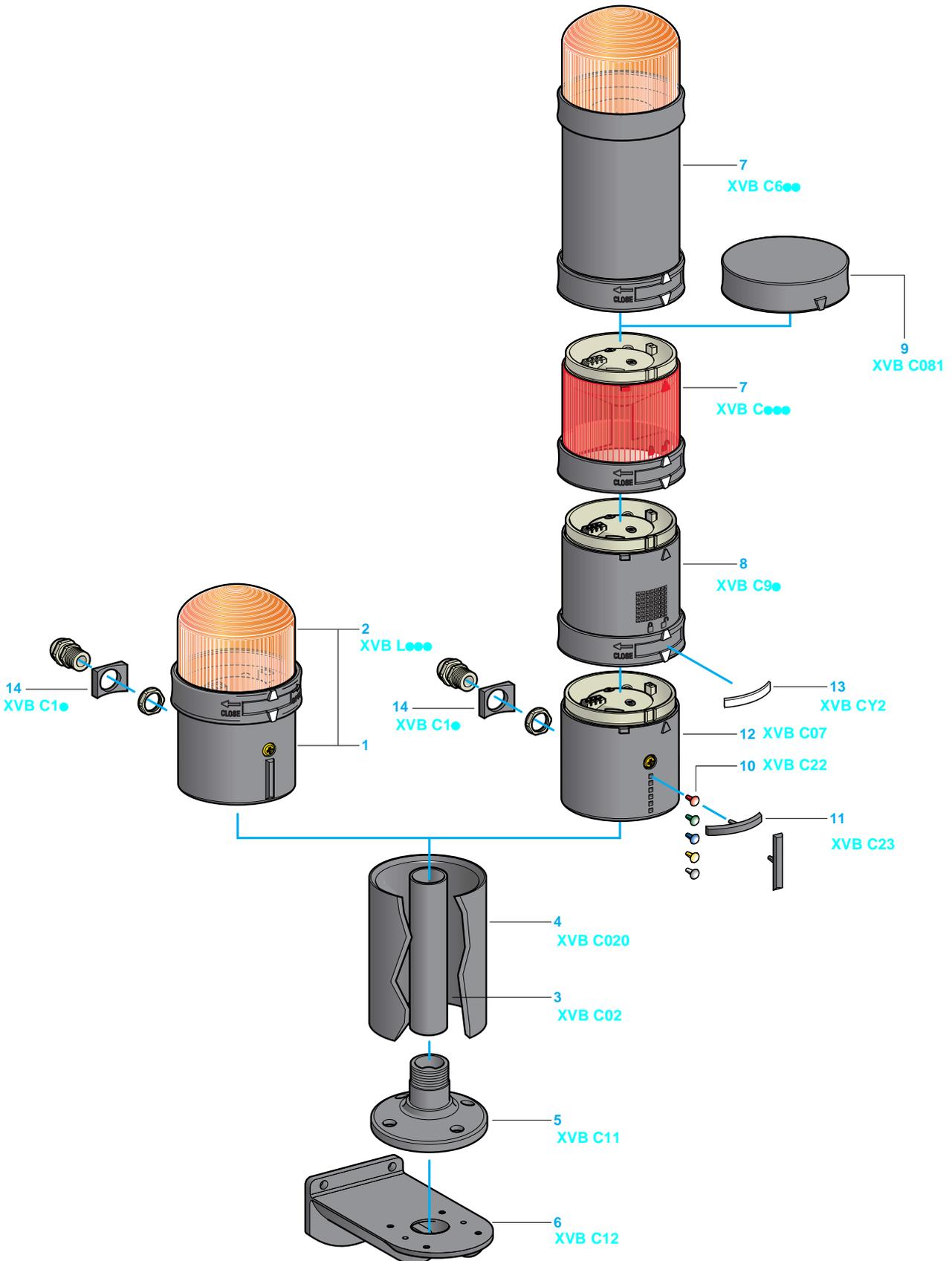


Telemecanique

Indicating Banks and Beacons

Beacons and indicator banks
Ø 70 mm, type XVB

3



XVB illuminated beacons and indicator banks are visual or audible signalling units used mainly to indicate machine operation sequences and to check status from a distance. They are visible through 360°.

Examples: start, stop machine, no material, call technical staff, fault signalling, etc.

Illuminated beacon

Complete unit

Ready assembled with a single illuminated signalling unit :

- steady,
- flashing,
- or with "flash" discharge tube.

It comprises:

- 1 A base, incorporating a removable terminal block and bottom or side cable entry.
- 2 A coloured lens unit: green, red, orange, blue, clear or yellow

Accessories

- 3 Support tube, 100, 400 or 800 mm long, with clamping device on the base.
- 4 Support tube concealment cover.
- 5 Fixing plate screwed onto tube for mounting on a horizontal surface.
- 6 Fixing plate for mounting on a vertical surface.
- 14 Adaptor with 13P cable gland.

Indicator bank

For customer assembly

Variable composition, with up to 5 illuminated or audible signalling units, supplied unassembled (for assembly by the user).

It comprises:

- 12 A base, incorporating a removable terminal block and bottom or side cable entry.
- 7 1 to 5 coloured lens units: green, red, orange, blue, clear or yellow
- 8 Or 1 audible signalling unit.
(Maximum of 5 illuminated lens units or 4 illuminated lens units + 1 audible signalling unit).
- 9 A top cover, (except with discharge tube unit).

The illuminated or audible signalling units stack vertically and are easily locked and unlocked by an integral ring nut.

Only one "flash" discharge tube unit can be fitted on each indicator bank, always at the top.

Electrical connections between each unit are made automatically during assembly.

Accessories

- 3 Support tube, 100, 400 or 800 mm long.
- 4 Support tube concealment cover.
- 5 Fixing plate screwed onto tube for mounting on a horizontal surface.
- 6 Fixing plate for mounting on a vertical surface.
- 10 Coloured markers (1).
- 11 Legend holders with legend (1).
- 13 Legends that attach to locking ring of individual signalling units for identification.
- 14 Adaptor and 13P cable gland.

(1) These allow the position of the various units (illuminated or audible) to be marked, for identification in the event of disassembly.

Setting up

Fixing

Base fitted directly onto panel by means of 2 screws or by means of a plate screwed to the support tube.

Cabling

By means of a removable terminal block incorporated in the base unit (simplified wiring). The screw and captive cable clamp terminals are protected to prevent accidental contact with live parts.

3

Environment			
Product certifications	Standard version		CSA, UL
Conforming to standards			IEC/EN 60947-5-1
Protective treatment	Standard version		"TC"
Ambient air temperature	For storage		°C - 40...+ 70
	For operation (1)	Illuminated units with steady light	°C - 25...+70, with 10 W incandescent bulb - 25...+ 50, with LED
		Illuminated units with flashing light	°C - 25...+ 50, with 7 W incandescent bulb - 25...+ 40, with 10 W incandescent bulb - 25...+ 50, with LED
		Illuminated units with "flash" discharge tube	°C - 25...+ 50
	Audible units	°C - 25...+ 50, with buzzer or loudspeaker unit	
Electric shock protection conforming to IEC 536	Mounted on support tube		Class I
	Mounted on base unit		Class II
Degree of protection	Conforming to IEC 60529 and NF C 20-010 Conforming to UL 508		IP 65 Type 4X NEMA "Indoor"
Material	Illuminated units		Polycarbonate
	Base unit and cover		Glass reinforced polyamide and polycarbonate
	Support tube		Painted aluminium
	Fixing base		Zamac

(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.



Electrical characteristics

Rated insulation voltage (Ui)	Conforming to IEC 60947-1	V	250
Voltage limits	Conforming to IEC 60947-5-1	V	0.85 to 1.10 Un (Un: nominal voltage)
Consumption	LED unit	Steady light	≈ 24 V: < 30
			~ 120...230 V: < 30
	Flashing light	≈ 24 V: < 40	
		~ 120...230 V: < 15	
	Unit with discharge tube	On power-up	≈ 24 V: 5J unit: < 430; 10J unit: < 850
			~ 120 V: 5J unit: < 130; 10J unit: < 260
~ 230 V: 5J unit: < 105; 10J unit: < 210			
Audible units		≈ 12...48 V: < 20 V	
		~ 120...230 V: < 50	
Rated impulse withstand voltage	Conforming to IEC 60947-1	kV	U imp = 4
Light source	Illuminated units with steady or flashing light		LEDs: degree of pollution 2
			Bulbs with BA 15d base fitting, minimum power 5 W, maximum power 10 W
Illuminating power	Illuminated units with discharge circuit (flash lamp with integral tube)	cds	13 (integral high intensity tube) with clear lens unit: 5J tube
			26 (integral high intensity tube) with clear lens unit: 10J tube
Audible unit	Continuous or intermittent tone	dB	90 at 1 m
	Fundamental frequency	kHz	2.8
Terminal referencing			1 terminal referenced "C" common to all 5 units
	Depending on number of units		1 or 5 terminals referenced 1 to 5
Connection	Maximum clamping capacity on protected, ready-to-tighten, screw and captive cable clamp terminals	mm²	1 x 1.5 with cable end
Frequency of illuminated units	Illuminated units with flashing light	Hz	1
	Illuminated units with discharge tube	Hz	1
Loudspeaker unit	Nominal power	W	0.15
	Maximum power	W	0.30
	Frequency range	kHz	0...12
	Acoustic power	dB	82 ± 3
	Impedance	Ω	8 ± 15%

Indicating Banks and Beacons

Beacons and indicator banks
Illuminated beacons Ø 70 mm, type XVB L
with LED light source



XVB L0B●

Illuminated beacons with steady light

Description	Light source	Colour	Reference	Weight kg	
Complete unit comprising: 1 cover 1 illuminated unit 1 base unit (direct or tube fixing)	LED, included ≈ 24 V	Green	XVB L0B3	0.270	
		Red	XVB L0B4	0.270	
		Orange	XVB L0B5	0.270	
		Blue	XVB L0B6	0.270	
		Clear	XVB L0B7	0.270	
		Yellow	XVB L0B8	0.270	
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	LED, included ~ 120 V	Green	XVB L0G3	0.270	
		Red	XVB L0G4	0.270	
		Orange	XVB L0G5	0.270	
		Blue	XVB L0G6	0.270	
		Clear	XVB L0G7	0.270	
		Yellow	XVB L0G8	0.270	
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	LED, included ~ 230 V	Green	XVB L0M3	0.270	
		Red	XVB L0M4	0.270	
		Orange	XVB L0M5	0.270	
		Blue	XVB L0M6	0.270	
		Clear	XVB L0M7	0.270	
		Yellow	XVB L0M8	0.270	
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XVB L1B●

Illuminated beacons with integral flashing light

Complete unit comprising: 1 cover 1 illuminated unit 1 base unit (direct or tube fixing)	LED, included ≈ 24 V	Green	XVB L1B3	0.280	
		Red	XVB L1B4	0.280	
		Orange	XVB L1B5	0.280	
		Blue	XVB L1B6	0.280	
		Clear	XVB L1B7	0.280	
		Yellow	XVB L1B8	0.280	
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	LED, included ~ 120 V	Green	XVB L1G3	0.280	
		Red	XVB L1G4	0.280	
		Orange	XVB L1G5	0.280	
		Blue	XVB L1G6	0.280	
		Clear	XVB L1G7	0.280	
		Yellow	XVB L1G8	0.280	
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	LED, included ~ 230 V	Green	XVB L1M3	0.280	
		Red	XVB L1M4	0.280	
		Orange	XVB L1M5	0.280	
		Blue	XVB L1M6	0.280	
		Clear	XVB L1M7	0.280	
		Yellow	XVB L1M8	0.280	
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Indicating Banks and Beacons

Beacons and indicator banks
Illuminated beacons Ø 70 mm, type XVB L
with "flash" discharge tube

Illuminated beacons with 5 Joule "flash" discharge tube

Description	Light source	Colour	Reference	Weight kg	
Complete unit comprising: 1 illuminated unit 1 base unit (direct or tube fixing)	"Flash" discharge tube ≈ 24 V	Green	XVB L6B3	0.440	
		Red	XVB L6B4	0.440	
		Orange	XVB L6B5	0.440	
		Blue	XVB L6B6	0.440	
		Clear	XVB L6B7	0.440	
		Yellow	XVB L6B8	0.440	
		"Flash" discharge tube ~ 120 V	Green	XVB L6G3	0.425
			Red	XVB L6G4	0.425
Orange	XVB L6G5		0.425		
Blue	XVB L6G6		0.425		
Clear	XVB L6G7		0.425		
Yellow	XVB L6G8		0.425		
"Flash" discharge tube ~ 230 V	Green		XVB L6M3	0.435	
	Red		XVB L6M4	0.435	
	Orange	XVB L6M5	0.435		
	Blue	XVB L6M6	0.435		
	Clear	XVB L6M7	0.435		
	Yellow	XVB L6M8	0.435		



XVB L6B●

Illuminated beacons with 10 Joule "flash" discharge tube

Complete unit comprising: 1 illuminated unit 1 base unit (direct or tube fixing)	"Flash" discharge tube ≈ 24 V	Green	XVB L8B3	0.450	
		Red	XVB L8B4	0.450	
		Orange	XVB L8B5	0.450	
		Blue	XVB L8B6	0.450	
		Clear	XVB L8B7	0.450	
		Yellow	XVB L8B8	0.450	
		"Flash" discharge tube ~ 120 V	Green	XVB L8G3	0.460
			Red	XVB L8G4	0.460
Orange	XVB L8G5		0.460		
Blue	XVB L8G6		0.460		
Clear	XVB L8G7		0.460		
Yellow	XVB L8G8		0.460		
"Flash" discharge tube ~ 230 V	Green		XVB L8M3	0.460	
	Red		XVB L8M4	0.460	
	Orange	XVB L8M5	0.460		
	Blue	XVB L8M6	0.460		
	Clear	XVB L8M7	0.460		
	Yellow	XVB L8M8	0.460		



XVB L8B●

References

For use with base unit XVB C●●:
see page 3/56

Indicating Banks and Beacons

Beacons and indicator banks

Indicator banks Ø 70 mm, type XVB C for customer assembly
(up to 5 units)

Illuminated units for bulb with BA 15d base fitting

821001



XVB C3●

821002



XVB C4●●

Illuminated units with steady light

Description	Light source	Colour	Reference	Weight kg
Illuminated units	Bulb (10 W max.) not included 250 V max.	Green	XVB C33	0.140
		Red	XVB C34	0.140
		Orange	XVB C35	0.140
		Blue	XVB C36	0.140
		Clear	XVB C37	0.140
		Yellow	XVB C38	0.140

Illuminated units with integral flashing light

Illuminated units	Bulb (10 W max.) not included ~ 24 V = 24...48 V	Green	XVB C4B3	0.160	
		Red	XVB C4B4	0.160	
		Orange	XVB C4B5	0.160	
		Blue	XVB C4B6	0.160	
		Clear	XVB C4B7	0.160	
		Yellow	XVB C4B8	0.160	
	Bulb (10 W max.) not included ~ 48...230 V	Green	XVB C4M3	0.160	
		Red	XVB C4M4	0.160	
		Orange	XVB C4M5	0.160	
		Blue	XVB C4M6	0.160	
		Clear	XVB C4M7	0.160	
		Yellow	XVB C4M8	0.160	

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References

For use with base unit XVB C●●:
see page 3/56

Indicating Banks and Beacons

Beacons and indicator banks
Indicator banks Ø 70 mm, type XVB C for customer assembly
(up to 5 units)
Illuminated units with integral LED

821003



XVB C2●●

Illuminated units with steady light

Description	Voltage	Colour	Reference	Weight kg	
Illuminated units with integral LED Protected LED	≈ 24 V	Green	XVB C2B3	0.150	
		Red	XVB C2B4	0.150	
		Orange	XVB C2B5	0.150	
		Blue	XVB C2B6	0.150	
		Clear	XVB C2B7	0.150	
		Yellow	XVB C2B8	0.150	
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	~ 120 V	Green	XVB C2G3	0.150	
		Red	XVB C2G4	0.150	
		Orange	XVB C2G5	0.150	
		Blue	XVB C2G6	0.150	
		Clear	XVB C2G7	0.150	
		Yellow	XVB C2G8	0.150	
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	~ 230 V	Green	XVB C2M3	0.150	
		Red	XVB C2M4	0.150	
		Orange	XVB C2M5	0.150	
		Blue	XVB C2M6	0.150	
		Clear	XVB C2M7	0.150	
		Yellow	XVB C2M8	0.150	
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821004



XVB C5●●

Illuminated units with integral flashing light

Illuminated units with integral LED Protected LED	≈ 24 V	Green	XVB C5B3	0.170	
		Red	XVB C5B4	0.170	
		Orange	XVB C5B5	0.170	
		Blue	XVB C5B6	0.170	
		Clear	XVB C5B7	0.170	
		Yellow	XVB C5B8	0.170	
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	~ 120 V	Green	XVB C5G3	0.170	
		Red	XVB C5G4	0.170	
		Orange	XVB C5G5	0.170	
		Blue	XVB C5G6	0.170	
		Clear	XVB C5G7	0.170	
		Yellow	XVB C5G8	0.170	
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	~ 230 V	Green	XVB C5M3	0.170	
		Red	XVB C5M4	0.170	
		Orange	XVB C5M5	0.170	
		Blue	XVB C5M6	0.170	
		Clear	XVB C5M7	0.170	
		Yellow	XVB C5M8	0.170	
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References

For use with base unit XVB C●●:
see page 3/56

Indicating Banks and Beacons

Beacons and indicator banks
Indicator banks Ø 70 mm, type XVB C for customer assembly
(up to 5 units)
Illuminated units with “flash” discharge tube

821005



XVB C6●●

Illuminated units with 5 Joule “flash” discharge tube

Description	Light source	Colour	Reference	Weight kg	
Illuminated units	“Flash” discharge tube ≈ 24 V	Green	XVB C6B3	0.295	
		Red	XVB C6B4	0.295	
		Orange	XVB C6B5	0.295	
		Blue	XVB C6B6	0.295	
		Clear	XVB C6B7	0.295	
		Yellow	XVB C6B8	0.295	
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Illuminated units	“Flash” discharge tube ~ 120 V	Green	XVB C6G3	0.280	
		Red	XVB C6G4	0.280	
		Orange	XVB C6G5	0.280	
		Blue	XVB C6G6	0.280	
		Clear	XVB C6G7	0.280	
		Yellow	XVB C6G8	0.280	
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Illuminated units	“Flash” discharge tube ~ 230 V	Green	XVB C6M3	0.290	
		Red	XVB C6M4	0.290	
		Orange	XVB C6M5	0.290	
		Blue	XVB C6M6	0.290	
		Clear	XVB C6M7	0.290	
		Yellow	XVB C6M8	0.290	
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Illuminated units with 10 Joule “flash” discharge tube

Illuminated units	“Flash” discharge tube ≈ 24 V	Green	XVB C8B3	0.305	
		Red	XVB C8B4	0.305	
		Orange	XVB C8B5	0.305	
		Blue	XVB C8B6	0.305	
		Clear	XVB C8B7	0.305	
		Yellow	XVB C8B8	0.305	
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Illuminated units	“Flash” discharge tube ~ 120 V	Green	XVB C8G3	0.315	
		Red	XVB C8G4	0.315	
		Orange	XVB C8G5	0.315	
		Blue	XVB C8G6	0.315	
		Clear	XVB C8G7	0.315	
		Yellow	XVB C8G8	0.315	
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Illuminated units	“Flash” discharge tube ~ 230 V	Green	XVB C8M3	0.315	
		Red	XVB C8M4	0.315	
		Orange	XVB C8M5	0.315	
		Blue	XVB C8M6	0.315	
		Clear	XVB C8M7	0.315	
		Yellow	XVB C8M8	0.315	
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821006



XVB C8●●

Indicating Banks and Beacons

Beacons and indicator banks
 Ø 70 mm, type XVB
 Accessories

Accessories common to beacons and indicator banks

Description	Characteristics	Sold in lots of	Unit reference	Weight kg	
Aluminium support tube, black paint finish	100 mm	1	XVB C02	0.100	
	400 mm	1	XVB C03	0.350	
	800 mm	1	XVB C04	0.690	
Aluminium support tube, unpainted	100 mm	1	XVB C02A	0.100	
	400 mm	1	XVB C03A	0.350	
	800 mm	1	XVB C04A	0.690	
Support tube concealment cover	100 mm	1	XVB C020	0.080	
	400 mm	1	XVB C030	0.305	
	800 mm	1	XVB C040	0.610	
Fixing base for use on horizontal support	For mounting on support tube XVB C0●	1	XVB C11	0.170	
Fixing base for use on vertical support	For direct mounting on base unit or with base XVB C11 + tube XVB C0●	1	XVB C12	0.380	
Incandescent bulbs BA 15d base fitting	12 V 10 W	10	DL1 BLJ	0.090	
	24 V 10 W	10	DL1 BLB	0.090	
	48 V 10 W	10	DL1 BLE	0.090	
	120 V 10 W	10	DL1 BLG	0.090	
	230 V 10 W	10	DL1 BLM	0.090	
Incandescent bulbs BA 15d base fitting	12 V 7 W	10	DL1 BEJ	0.090	
	24 V 6.5 W	10	DL1 BEB	0.090	
	48 V 6 W	10	DL1 BEE	0.090	
	120 V 7 W	10	DL1 BEG	0.090	
	230 V 7 W	10	DL1 BEM	0.090	
LEDs BA 15d base fitting	24 V	White	1	DL1 BDB1 (1)	0.015
		Green	1	DL1 BDB3	0.015
		Red	1	DL1 BDB4	0.015
		Blue	1	DL1 BDB6	0.015
		Orange	1	DL1 BDB8	0.015
	120 V	White	1	DL1 BDG1 (1)	0.015
		Green	1	DL1 BDG3	0.015
		Red	1	DL1 BDG4	0.015
		Blue	1	DL1 BDG6	0.015
		Orange	1	DL1 BDG8	0.015
	230 V	White	1	DL1 BDM1 (1)	0.015
		Green	1	DL1 BDM3	0.015
		Red	1	DL1 BDM4	0.015
		Blue	1	DL1 BDM6	0.015
		Orange	1	DL1 BDM8	0.015
Flashing LEDs BA 15d base fitting	24 V	White	1	DL1 BKB1 (1)	0.015
		Green	1	DL1 BKB3	0.015
		Red	1	DL1 BKB4	0.015
		Blue	1	DL1 BKB6	0.015
		Orange	1	DL1 BKB8	0.015
	120 V	White	1	DL1 BKG1	0.015
		Green	1	DL1 BKG3	0.015
		Red	1	DL1 BKG4	0.015
		Blue	1	DL1 BKG6	0.015
		Orange	1	DL1 BKG8	0.015
	230 V	White	1	DL1 BKM1	0.015
		Green	1	DL1 BKM3	0.015
		Red	1	DL1 BKM4	0.015
		Blue	1	DL1 BKM6	0.015
		Orange	1	DL1 BKM8	0.015
Adaptor for side entry through base unit	With 13P cable gland	1	XVB C14	0.015	

Accessories specific to indicator banks

Description	Characteristics	Reference	Weight kg
Cover only	–	XVB C081	0.030
Set of coloured markers	6 colours	XVB C22	0.001
Set of 5 legend holders	Identification of stacked units on base unit	XVB C23	0.002
Sheet of 85 legends for base unit legend holder (XVB C23)	Identification of stacked units on base unit	XVB CY1	0.005
Sheet of 52 legends	Identification of stacked units on locking ring	XVB CY2	0.005
SIS labelling software creation of legends	For English, French, German, Italian and Spanish	XBY 2U	0.100
(1) Use LEDs DL1 B●●1 with yellow lens units.			

General:
pages 3/46 and 3/47

Characteristics:
pages 3/48 and 3/49

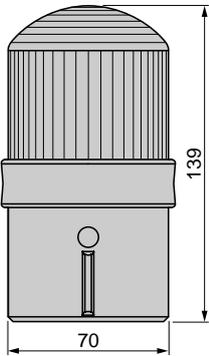
Dimensions:
pages 3/58 and 3/59

Indicating Banks and Beacons

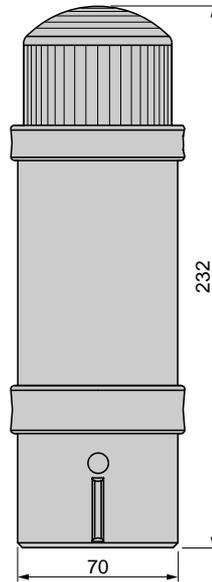
Beacons and indicator banks
 Ø 70 mm, type XVB

3

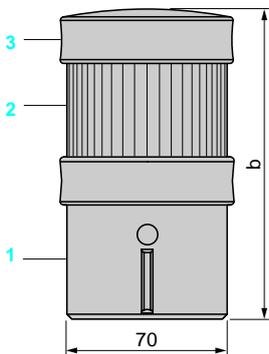
Illuminated beacons XVB L●●●
 For bulb with BA 15d base fitting or LED



With "flash" discharge tube

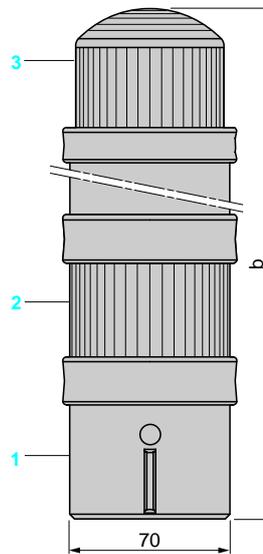


Indicator banks XVB C
 Without "flash" discharge tube



- 1 + 3 = Base unit + cover XVB C21
- 2 Illuminated or audible signalling unit XVB C●●●

With "flash" discharge tube

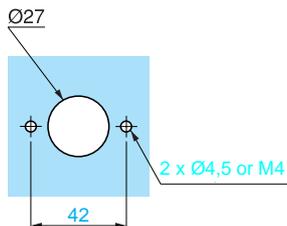


- 1 Base unit XVB C07
- 2 Illuminated or audible signalling unit XVB C●●●
- 3 "Flash" unit XVB C●●●

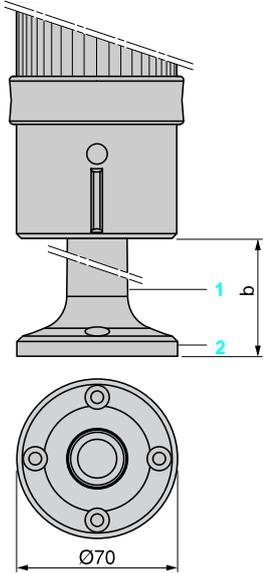
Number of illuminated or audible signalling units (no "flash")	b
1	138
2	201
3	264
4	327
5	390

Number of illuminated or audible signalling units other than "flash" tube	b
1	295
2	358
3	421
4	484

Panel cut-out for direct fixing (on base unit XVB C21, XVB C07, XVB C21A or XVB C21P)



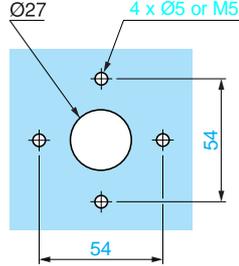
Support tube XVB C0● and fixing plate for horizontal surface XVB C11



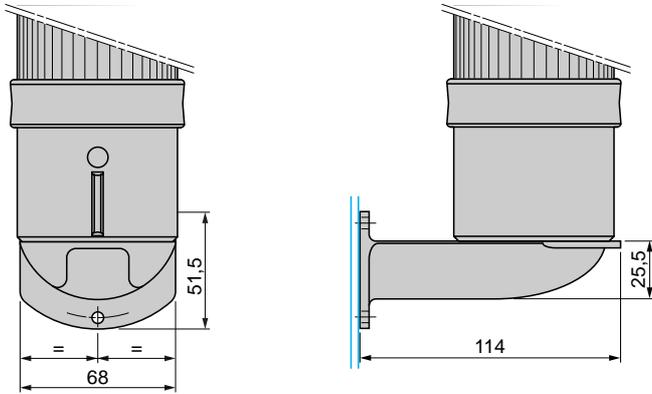
- 1 Support tube XVB C0● Ø 25 mm
- 2 Fixing plate for horizontal surface XVB C11

	b
XVB C02	77
XVB C03	377
XVB C04	777

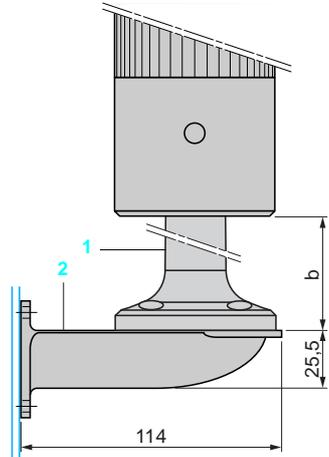
Cut-out in horizontal panel for fixing on plate XVB C11



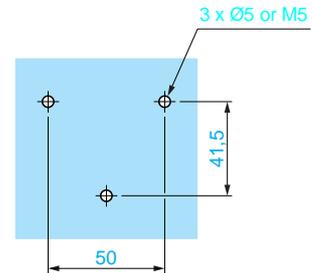
Fixing plate for vertical surface XVB C12
 Direct mounting on base unit



Mounting by means of plate XVB C11
 screwed onto tube XVB C0●



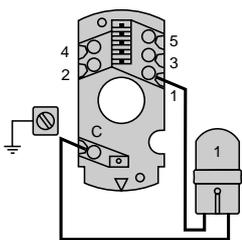
Cut-out in vertical panel
 for fixing on plate XVB C12



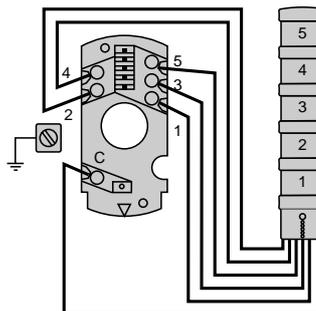
- 1 Tube Ø 25 mm
- 2 Fixing plate for vertical surface XVB C12

	b
XVB C02	77
XVB C03	377
XVB C04	777

Wiring scheme
 XVB L



XVB C



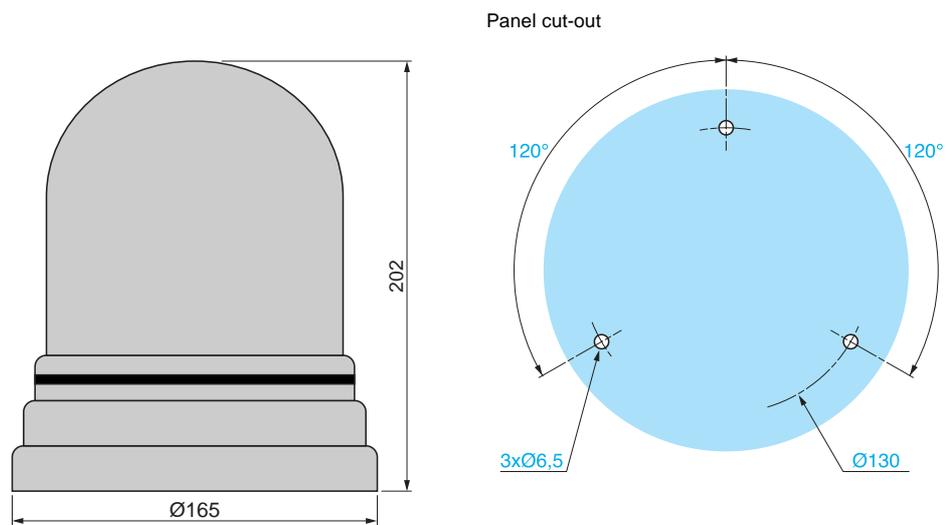
General

These rotating beacons are designed for long distance signalling applications.

Characteristics

Conformity to standards			IEC 60947-1, IEC/EN 60947-5-1, UL 508, CSA C22-2-14
Protective treatment	Standard version		"TC"
Ambient air temperature	For storage	°C	- 40...+ 70
	For operation	°C	- 20...+ 50
Electric shock protection	Conforming to IEC 60536 and NF C 20-030		Class I
Degree of protection	Conforming to IEC 60529 and NF C 20-010 Conforming to UL 508 and CSA 22		IP 65 Type 4X Nema "INDOOR"
Material	Base unit		Glass reinforced polyamide 6
	Domed lens unit		Polycarbonate
Rated insulation voltage (Ui)	Conforming to IEC 60947-1	V	250
Consumption	Halogen bulb	mA	≈ 24 V: < 3100
	Incandescent bulbs	mA	≈ 24 V: < 1050
			≈ 120 V: < 210
			≈ 230 V: < 110
Rated impulse withstand voltage	Conforming to IEC 60947-1	kV	U imp = 4
Light source	Halogen bulb		Bulbs with H1 base fitting: maximum power 70 W
	Incandescent bulbs		Bulbs with BA 15d base fitting: maximum power 25 W
Service life of motor		H	> 2000
Mounting position			Horizontal
Flash frequency		Hz	3
Connection	Maximum clamping capacity	mm ²	1 x 1.5 mm ²
Cable entry			For ISO M20 x 1.5 cable gland (included)

Dimensions



M20 x 1.5 cable gland included

Indicating Banks and Beacons

Beacons and indicator banks
Rotating mirror beacon, type XVR



XVR 1000

Rotating mirror beacon

Light source	Supply voltage	Colour	Reference	Weight kg
Halogen bulb included 70 W	≈ 24 V	Green	XVR 1B93	1.165
		Red	XVR 1B94	1.165
		Orange	XVR 1B95	1.165
		Blue	XVR 1B96	1.165
		Yellow	XVR 1B98	1.165
Incandescent bulb included 25 W	≈ 24 V	Green	XVR 1B03	1.165
		Red	XVR 1B04	1.165
		Orange	XVR 1B05	1.165
		Blue	XVR 1B06	1.165
		Yellow	XVR 1B08	1.165
	~ 120 V	Green	XVR 1G03	1.235
		Red	XVR 1G04	1.235
		Orange	XVR 1G05	1.235
		Blue	XVR 1G06	1.235
		Yellow	XVR 1G08	1.235
	~ 230 V	Green	XVR 1M03	1.235
		Red	XVR 1M04	1.235
		Orange	XVR 1M05	1.235
		Blue	XVR 1M06	1.235
		Yellow	XVR 1M08	1.235

Accessories and spare parts

Description	Characteristics	Unit reference	Weight kg
Domed lens unit	Green	XVR 0153	0.335
	Red	XVR 0154	0.335
	Orange	XVR 0155	0.335
	Blue	XVR 0156	0.335
	Yellow	XVR 0158	0.335
Protective grill for domed lens unit	–	XVR 016 (1)	–
Fixing base for use on vertical support	–	XVR 012	–
Fixing base for support tube (1/2 NPT)	–	XVR 013	–
Halogen bulbs H1 base fitting, 70 W	24 V	DL1 BRBH	–
Incandescent bulbs BA 15d base fitting, 25 W (sold in lots of 10)	24 V	DL1 BRB	0.100
	120 V	DL1 BRG	0.100
	230 V	DL1 BRM	0.100

(1) This protective grill is only suitable for use with the XVR 1000 rotating mirror beacon, without cable gland fitted.

General

These sirens are designed for long distance signalling applications.

Characteristics

Conforming to standards			IEC 60947-1, IEC/EN 60947-5-1
Protective treatment	Standard version		"TC"
Ambient air temperature	Storage	°C	- 40... + 70
	Operation	°C	- 40... + 50
Electric shock protection	Conforming to IEC 60536 and NF C 20-030	kV	~ 120 V and ~ 230 V : class II
		kV	~ 24 V : class III
Degree of protection	Conforming to IEC 60529 and NF C 20-010		IP 40
Material	Base unit		Glass-reinforced polyamide 6
	Cone		Butadiene-styrene acrylic
Rated insulation voltage (Ui)	Conforming to IEC 60947-1	V	250
Consumption		mA	~ 24 : 440
		mA	~ 120 : 110
		mA	~ 230 : 55
Frequency	1-tone	Hz	1000 ± 10 %
	2-tone	Hz	700 and 800 ± 15 %
Rated impulse withstand voltage	Conforming to IEC 60947-1	kV	~ 120 V and ~ 230 V : U imp = 4
		kV	~ 24 V : U imp = 1.5
Mounting position			All positions
Cabling	Maximum clamping capacity	mm²	1 x 1.5 with cable end

Indicating Banks and Beacons

Beacons and indicator banks
Sirens, type XVS

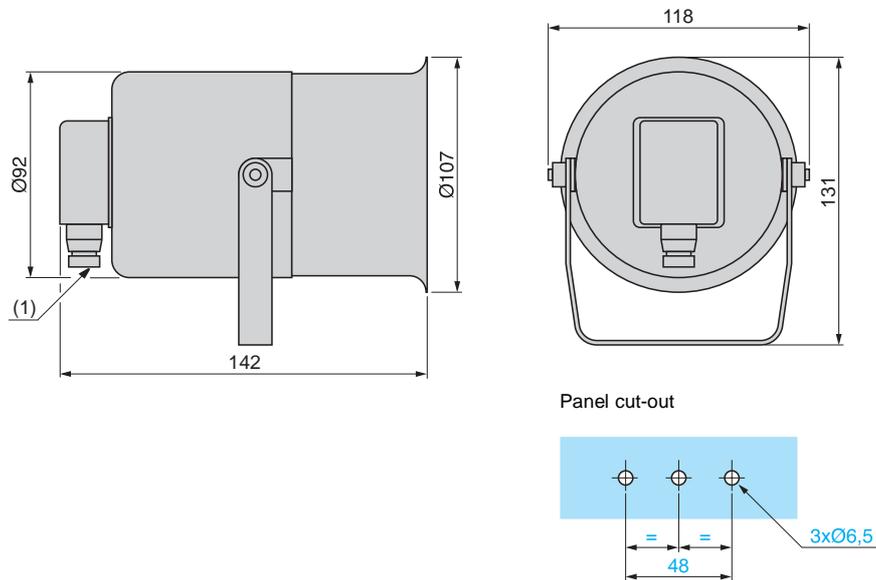


XVS ●●

Sirens

Description	Supply voltage	Number of tones	Reference	Weight kg
Sirens 106 db	≈ 24 V	1	XVS B1	0.860
		2	XVS B2	0.860
	~ 120 V	1	XVS G1	0.860
		2	XVS G2	0.860
	~ 230 V	1	XVS M1	0.860
		2	XVS M2	0.860

Dimensions



(1) Cable gland 7 (DIN Pg 7), included.

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Owing to changes in standards and equipment, the characteristics given in the text and images in this document are not binding until they have been confirmed with us.

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