

# Beacons and indicator banks

Beacons and indicator banks Ø 70 mm Universal,  
Harmony type XVB

Environment characteristics			
Product certifications	Standard version		CSA, UL, CCC
Conformity to standards			IEC/EN 60947-5-1
Protective treatment	Standard version		"TC"
Ambient air temperature	For storage	°C	- 40...+ 70
	For operation (1)	°C	<b>Illuminated units with steady light signalling:</b> - 25...+ 70, with 7 W incandescent bulb - 25...+ 50, with LED
		°C	<b>Illuminated units with flashing light signalling:</b> - 25...+ 50, with 7 W incandescent bulb - 25...+ 50, with LED
		°C	<b>Illuminated units with "flash" discharge tube:</b> - 25...+ 50
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		IP 65 (mounted on fixing base XVB Z0●) IP 66 (mounted directly on base unit)
	Conforming to UL 508		Type 4X NEMA "Indoor"
Material	Illuminated units		Polycarbonate
	Base unit and cover		Glass-reinforced polyamide and polycarbonate
	Support tube		Painted aluminium
	Fixing plate		Zamak

(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.

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Electrical characteristics			
<b>Rated insulation voltage (Ui)</b>	Conforming to IEC 60947-1	<b>V</b>	250
<b>Voltage limits</b>	Conforming to IEC 60947-5-1	<b>V</b>	0.85 to 1.10 Un (Un: nominal voltage)
<b>Consumption</b>	LED units	<b>mA</b>	<b>Steady light signalling:</b> ≈ 24 V: < 30 ~ 120...230 V: < 30
		<b>mA</b>	<b>Flashing light signalling:</b> ≈ 24 V: < 40 ~ 120...230 V: < 15
	Units with discharge tube (1)	<b>mA</b>	<b>Flashing light signalling:</b> ≈ 24 V: 5 J unit: < 430; 10 J unit: < 850 ~ 120 V: 5 J unit: < 130; 10 J unit: < 260 ~ 230 V: 5 J unit: < 105; 10 J unit: < 210
	Audible units	<b>mA</b>	≈ 12...48 V: < 20 V ~ 120...230 V: < 50
<b>Rated impulse withstand voltage</b>	Conforming to IEC 60947-1	<b>kV</b>	U imp = 4
<b>Light source</b>	Illuminated units with steady or flashing light signalling		LEDs: degree of pollution 2 Bulbs with BA 15d base fitting, maximum power 7 W
<b>Illuminating power</b>	Units with discharge tube	<b>cds</b>	13 (integral high intensity tube) with clear lens unit: 5 J tube 26 (integral high intensity tube) with clear lens unit: 10 J tube
<b>Audible unit</b>	Continuous or intermittent tone	<b>dB</b>	90 at 1 m
	Fundamental frequency	<b>kHz</b>	2.8
<b>Terminal referencing</b>			1 terminal referenced "C" common to all 5 units
			1 or 5 terminals referenced 1 to 5, depending on number of units
<b>Connection</b>	Maximum clamping capacity on protected, ready-to-tighten, screw and captive cable clamp terminals	<b>mm<sup>2</sup></b>	1 x 1.5 with cable end
<b>Frequency of illuminated units</b>	Illuminated units with flashing light signalling	<b>Hz</b>	1
	Illuminated units with discharge tube	<b>Hz</b>	1

(1) **Warning:** illuminated units with a flash discharge tube are not suitable for steady light signalling due to the heat generated.

## Beacons and indicator banks

Illuminated beacons Ø 70 mm Universal,  
Harmony type XVB L

For incandescent bulbs or LEDs (BA 15d base fitting)



XVB L3●



XVB L4B●

### Illuminated beacons with steady light signalling

Description	Light source, to be ordered separately (1)	Colour	Reference	Weight kg
<b>Complete unit comprising:</b> - 1 illuminated unit - 1 base unit (direct or tube fixing)	Incandescent bulb 7 W max. 250 V max.	Green	<b>XVB L33</b>	0.260
		Red	<b>XVB L34</b>	0.260
		Orange	<b>XVB L35</b>	0.260
		Blue	<b>XVB L36</b>	0.260
		Clear	<b>XVB L37</b>	0.260
		Yellow	<b>XVB L38</b>	0.260

### Illuminated beacons with integral flashing light signalling

Description	Light source, to be ordered separately (1)	Colour	Reference	Weight kg	
<b>Complete unit comprising:</b> - 1 illuminated unit - 1 base unit (direct or tube fixing)	Incandescent bulb 7 W max. ~ 24 V --- 24...48 V	Green	<b>XVB L4B3</b>	0.280	
		Red	<b>XVB L4B4</b>	0.280	
		Orange	<b>XVB L4B5</b>	0.280	
		Blue	<b>XVB L4B6</b>	0.280	
		Clear	<b>XVB L4B7</b>	0.280	
		Yellow	<b>XVB L4B8</b>	0.280	
		Incandescent bulb 7 W max. ~ 48...230 V	Green	<b>XVB L4M3</b>	0.280
			Red	<b>XVB L4M4</b>	0.280
Orange	<b>XVB L4M5</b>		0.280		
Blue	<b>XVB L4M6</b>		0.280		
		Clear	<b>XVB L4M7</b>	0.280	
		Yellow	<b>XVB L4M8</b>	0.280	

(1) Incandescent bulbs and LEDs, see page 35081/11.

# Beacons and indicator banks

Illuminated beacons Ø 70 mm Universal,  
Harmony type XVB L  
With LED light source



XVB L0B●

## Illuminated beacons with steady light signalling

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



XVB L1B●

## Illuminated beacons with integral flashing light signalling

Description	Light source	Colour	Reference	Weight kg	
<b>Complete unit comprising:</b> - 1 cover - 1 illuminated unit - 1 base unit (direct or tube fixing)	LED, included ≈ 24 V	Green	<b>XVB L1B3</b>	0.280	
		Red	<b>XVB L1B4</b>	0.280	
		Orange	<b>XVB L1B5</b>	0.280	
		Blue	<b>XVB L1B6</b>	0.280	
		Clear	<b>XVB L1B7</b>	0.280	
		Yellow	<b>XVB L1B8</b>	0.280	
		LED, included ~ 120 V	Green	<b>XVB L1G3</b>	0.280
			Red	<b>XVB L1G4</b>	0.280
Orange	<b>XVB L1G5</b>		0.280		
Blue	<b>XVB L1G6</b>		0.280		
Clear	<b>XVB L1G7</b>		0.280		
Yellow	<b>XVB L1G8</b>		0.280		
LED, included ~ 230 V	Green		<b>XVB L1M3</b>	0.280	
	Red		<b>XVB L1M4</b>	0.280	
	Orange	<b>XVB L1M5</b>	0.280		
	Blue	<b>XVB L1M6</b>	0.280		
	Clear	<b>XVB L1M7</b>	0.280		
	Yellow	<b>XVB L1M8</b>	0.280		

# Beacons and indicator banks

Illuminated beacons Ø 70 mm Universal,  
Harmony type XVB L  
With “flash” discharge tube



XVB L6B●



XVB L8B●

## Illuminated beacons with 5 Joule “flash” discharge tube

Description	Light source	Colour	Reference	Weight kg
<b>Complete unit comprising:</b> - 1 cover - 1 illuminated unit - 1 base unit (direct or tube fixing)	Integral “flash” discharge tube ≈ 24 V	Green	<b>XVB L6B3</b>	0.440
		Red	<b>XVB L6B4</b>	0.440
		Orange	<b>XVB L6B5</b>	0.440
		Blue	<b>XVB L6B6</b>	0.440
		Clear	<b>XVB L6B7</b>	0.440
	Integral “flash” discharge tube ~ 120 V	Green	<b>XVB L6G3</b>	0.425
		Red	<b>XVB L6G4</b>	0.425
		Orange	<b>XVB L6G5</b>	0.425
		Blue	<b>XVB L6G6</b>	0.425
		Clear	<b>XVB L6G7</b>	0.425
	Integral “flash” discharge tube ~ 230 V	Green	<b>XVB L6M3</b>	0.435
		Red	<b>XVB L6M4</b>	0.435
		Orange	<b>XVB L6M5</b>	0.435
		Blue	<b>XVB L6M6</b>	0.435
		Clear	<b>XVB L6M7</b>	0.435
Yellow	<b>XVB L6M8</b>	0.435		

## Illuminated beacons with 10 Joule “flash” discharge tube

Description	Light source	Colour	Reference	Weight kg
<b>Complete unit comprising:</b> - 1 cover - 1 illuminated unit - 1 base unit (direct or tube fixing)	Integral “flash” discharge tube ≈ 24 V	Green	<b>XVB L8B3</b>	0.450
		Red	<b>XVB L8B4</b>	0.450
		Orange	<b>XVB L8B5</b>	0.450
		Blue	<b>XVB L8B6</b>	0.450
		Clear	<b>XVB L8B7</b>	0.450
	Integral “flash” discharge tube ~ 120 V	Green	<b>XVB L8G3</b>	0.460
		Red	<b>XVB L8G4</b>	0.460
		Orange	<b>XVB L8G5</b>	0.460
		Blue	<b>XVB L8G6</b>	0.460
		Clear	<b>XVB L8G7</b>	0.460
	Integral “flash” discharge tube ~ 230 V	Green	<b>XVB L8M3</b>	0.460
		Red	<b>XVB L8M4</b>	0.460
		Orange	<b>XVB L8M5</b>	0.460
		Blue	<b>XVB L8M6</b>	0.460
		Clear	<b>XVB L8M7</b>	0.460
Yellow	<b>XVB L8M8</b>	0.460		

## Beacons and indicator banks

Indicator banks Ø 70 mm Universal,  
Harmony type XVB C (for customer assembly, up to 5 units)  
Illuminated units for incandescent bulbs or LEDs  
(BA 15d base fitting)

For use with base unit XVB C●●: see page 35081/10



XVB C3●



XVB C4●●

### Illuminated units with steady light signalling

Description	Light source, to be ordered separately (1)	Colour	Reference	Weight kg
Illuminated units	Incandescent bulb 7 W max. 250 V max. or LED	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 signalling

Description	Light source, to be ordered separately (1)	Colour	Reference	Weight kg	
Illuminated units	Incandescent bulb 7 W max. ~ 24 V = 24...48 V or LED	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	
		Incandescent bulb 7 W max. ~ 48...230 V or LED	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	

(1) Incandescent bulbs and LEDs, see page 35081/11.

## Beacons and indicator banks

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

For use with base unit XVB C●●: see page 35081/10



XVB C2●●



XVB C5●●

## Illuminated units with steady light signalling

Description	Voltage	Colour	Reference	Weight kg
Illuminated units with integral 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
	~ 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
	~ 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

Protected<sup>®</sup>  
LED

## Illuminated units with integral flashing light signalling

Description	Voltage	Colour	Reference	Weight kg
Illuminated units with integral 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
	~ 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
	~ 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

Protected<sup>®</sup>  
LED

## Beacons and indicator banks

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

For use with base unit XVB C●●: see page 35081/10



XVB C6●●



XVB C8●●

### Illuminated units with 5 Joule “flash” discharge tube

Description	Light source	Colour	Reference	Weight kg	
Illuminated units	Integral “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	
		Integral “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	
	Integral “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	

### Illuminated units with 10 Joule “flash” discharge tube

Description	Light source	Colour	Reference	Weight kg	
Illuminated units	Integral “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	
		Integral “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	
	Integral “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	



# Beacons and indicator banks

Indicator banks Ø 70 mm Universal,  
Harmony type XVB C (for customer assembly, up to 5 units)  
Audible units, base units, cover, accessories

Audible units				
Description	Characteristics	Reference	Weight kg	
<b>Buzzer, 90 dB at 1 m</b> Adjustable: - 70 or 90 dB - continuous or intermittent tone using microswitch	≈ 12...48 V	<b>XVB C9B</b>	0.170	
	≈ 120...230 V	<b>XVB C9M</b>	0.180	

Base units (for direct or tube fixing)				
Description	For use with	Type	Reference	Weight kg
<b>Base unit + cover</b> with bottom or side cable entry	Banks without "flash" discharge tube unit	Standard	<b>XVB C21</b>	0.190
<b>Base unit only</b> with bottom or side cable entry	Banks with "flash" discharge tube unit	Standard	<b>XVB C07</b>	0.160
<b>Base unit + cover</b> with side cable entry	All types of bank	AS-Interface (1)	<b>XVB C21A</b>	–
<b>Base unit + cover</b> with bottom entry, pre-cabled (length 1 metre) and fitted with M12 end connector	All types of bank	AS-Interface (1)	<b>XVB C21B</b>	–

(1) For further information on AS-Interface connections, refer to our "AS-Interface cabling system" catalogue.

Accessories common to beacons and indicator banks				
Description	Height under base unit mm	Colour	Reference	Weight kg
<b>Fixing bases comprising: Ø 25 mm aluminium support tube glued into black plastic fixing plate</b>	80	Black aluminium	<b>XVB Z02</b>	0.110
		Aluminium	<b>XVB Z02A</b>	0.110
	380	Black aluminium	<b>XVB Z03</b>	0.200
		Aluminium	<b>XVB Z03A</b>	0.200
	780	Black aluminium	<b>XVB Z04</b>	0.325
		Aluminium	<b>XVB Z04A</b>	0.325
Description	For use with	Material	Reference	Weight kg
<b>Fixing plate for use on horizontal support</b>	Ø 25 mm aluminium support tube (to be glued into plastic fixing plate)	Plastic	<b>XVB Z01</b>	0.050
<b>Fixing plate for use on vertical support</b>	Base unit (direct mounting), fixing plate XVB Z01 or fixing bases XVB Z0●	Zamak	<b>XVB C12</b>	0.380

# Beacons and indicator banks

Beacons and indicator banks Ø 70 mm

Universal, Harmony type XVB

Accessories

## Accessories common to beacons and indicator banks (continued)

Description	Characteristics		Sold in lots of	Unit reference	Weight kg	
<b>Incandescent bulbs</b> 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	
<b>LEDs</b> BA 15d base fitting	24 V	White	1	DL1 BDB1	0.015	
		Green	1	DL1 BDB3	0.015	
		Red	1	DL1 BDB4	0.015	
		Orange	1	DL1 BDB5	0.015	
		Blue	1	DL1 BDB6	0.015	
		Yellow	1	DL1 BDB8	0.015	
	120 V	White	1	DL1 BDG1	0.015	
		Green	1	DL1 BDG3	0.015	
		Red	1	DL1 BDG4	0.015	
		Orange	1	DL1 BDG5	0.015	
		Blue	1	DL1 BDG6	0.015	
		Yellow	1	DL1 BDG8	0.015	
	230 V	White	1	DL1 BDM1	0.015	
		Green	1	DL1 BDM3	0.015	
		Red	1	DL1 BDM4	0.015	
		Orange	1	DL1 BDM5	0.015	
		Blue	1	DL1 BDM6	0.015	
		Yellow	1	DL1 BDM8	0.015	
		24 V	White	1	DL1 BKB1	0.015
			Green	1	DL1 BKB3	0.015
	Red		1	DL1 BKB4	0.015	
	Orange		1	DL1 BKB5	0.015	
	Blue		1	DL1 BKB6	0.015	
	Yellow		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		
	Orange	1	DL1 BKG5	0.015		
	Blue	1	DL1 BKG6	0.015		
	Yellow	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		
	Orange	1	DL1 BKM5	0.015		
	Blue	1	DL1 BKM6	0.015		
	Yellow	1	DL1 BKM8	0.015		
<b>Flashing LEDs</b> BA 15d base fitting	24 V	White	1	DL1 BKB1	0.015	
		Green	1	DL1 BKB3	0.015	
		Red	1	DL1 BKB4	0.015	
		Orange	1	DL1 BKB5	0.015	
		Blue	1	DL1 BKB6	0.015	
		Yellow	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	
		Orange	1	DL1 BKG5	0.015	
		Blue	1	DL1 BKG6	0.015	
		Yellow	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	
		Orange	1	DL1 BKM5	0.015	
		Blue	1	DL1 BKM6	0.015	
		Yellow	1	DL1 BKM8	0.015	

## Accessories specific to indicator banks

Description	Characteristics	Sold in lots of	Unit reference	Weight kg
<b>Cover only</b>	–	–	XVB C081	0.030
<b>Set of coloured markers</b>	6 colours	–	XVB C22	0.001
<b>Set of 5 legend holders</b>	Identification of stacked units on base unit	–	XVB C23	0.002
<b>Sheet of 85 legends</b> for base unit legend holder (XVB C23)	Identification of stacked units on base unit	–	XVB CY1	0.005
<b>Sheet of 52 legends</b>	Identification of stacked units on locking ring	–	XVB CY2	0.005
<b>Adaptor for side entry through base unit</b>	With 13P cable gland	1	XVB C14	0.015
<b>SIS labelling software</b> creation of legends	For English, French, German, Italian and Spanish	–	XBY 2U	0.100