

Illuminated beacons and indicator banks

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Illuminated beacons type XVB-L
for bulb with BA 15d base fitting

References



XVB-L3●

Illuminated beacons with steady light

Description	Light source	Colour	Reference	Weight kg
Complete unit comprising : 1 lens unit 1 base unit (direct or tube fixing)	Bulb (10 W max) not included 250 V max	Green	XVB-L33	0.260
		Red	XVB-L34	0.260
		Orange	XVB-L35	0.260
		Blue	XVB-L36	0.260
		Clear	XVB-L37	0.260
		Yellow	XVB-L38	0.260



XVB-L4B●

Illuminated beacons with integral flashing light

Complete unit comprising : 1 lens unit 1 base unit (direct or tube fixing)	Bulb (10 W max) not included ~ 24 V --- 24...48 V	Green	XVB-L4B3	0.280
		Red	XVB-L4B4	0.280
		Orange	XVB-L4B5	0.280
		Blue	XVB-L4B6	0.280
		Clear	XVB-L4B7	0.280
		Yellow	XVB-L4B8	0.280
	Bulb (10 W max) not included ~ 48...230 V	Green	XVB-L4M3	0.280
		Red	XVB-L4M4	0.280
		Orange	XVB-L4M5	0.280
		Blue	XVB-L4M6	0.280
		Clear	XVB-L4M7	0.280
		Yellow	XVB-L4M8	0.280

Illuminated beacons and indicator banks

Illuminated beacons type XVB-L with LED light source

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Illuminated beacons with steady light



XVB-L0B●

Description	Light source	Colour	Reference	Weight kg
Complete unit comprising : 1 cover 1 lens 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
	LED, included ~ 120	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
	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

Illuminated beacons with integral flashing light



XVB-L1B●

Complete unit comprising : 1 cover 1 lens 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
	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
	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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Illuminated beacons type XVB-L
with "flash" discharge tube

References



XVB-L6B●

Illuminated beacons with 5 joule "flash" discharge tube

Description	Light source	Colour	Reference	Weight kg
Complete unit comprising : 1 lens 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
	"Flash" discharge tube ~ 120 V	Yellow	XVB-L6B8	0.440
		Green	XVB-L6G3	0.425
		Red	XVB-L6G4	0.425
		Orange	XVB-L6G5	0.425
		Blue	XVB-L6G6	0.425
	"Flash" discharge tube ~ 230 V	Clear	XVB-L6G7	0.425
		Yellow	XVB-L6G8	0.425
		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

Illuminated beacons with 10 joule "flash" discharge tube

Complete unit comprising : 1 lens 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
	"Flash" discharge tube ~ 120 V	Yellow	XVB-L8B8	0.450
		Green	XVB-L8G3	0.460
		Red	XVB-L8G4	0.460
		Orange	XVB-L8G5	0.460
		Blue	XVB-L8G6	0.460
	"Flash" discharge tube ~ 230 V	Clear	XVB-L8G7	0.460
		Yellow	XVB-L8G8	0.460
		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●

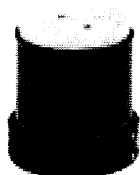
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Indicator banks type XVB-C for customer assembly (up to 5 units)
Illuminated lens units
for bulb with BA 15d base fitting

References

For use with base unit XVB-C●●, see page 12



XVB-C3●

Illuminated lens units with steady light

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



XVB-C4●●

Illuminated lens units with integral flashing light

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

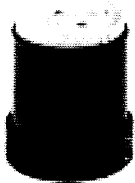
Illuminated beacons and indicator banks

Indicator banks type XVB-C for customer assembly (up to 5 units)
Illuminated lens units
with LED light source

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References

For use with base unit XVB-C●●, see page 12



XVB-C0●●

Illuminated lens units with steady light

Description	Signalling	Colour	Reference	Weight kg
Illuminated lens units	LED, included ≈ 24	Green	XVB-C0B3	0.150
		Red	XVB-C0B4	0.150
		Orange	XVB-C0B5	0.150
		Blue	XVB-C0B6	0.150
		Clear	XVB-C0B7	0.150
		Yellow	XVB-C0B8	0.150
	LED, included ~ 120 V	Green	XVB-C0G3	0.150
		Red	XVB-C0G4	0.150
		Orange	XVB-C0G5	0.150
		Blue	XVB-C0G6	0.150
		Clear	XVB-C0G7	0.150
		Yellow	XVB-C0G8	0.150
	LED, included ~ 230 V	Green	XVB-C0M3	0.150
		Red	XVB-C0M4	0.150
		Orange	XVB-C0M5	0.150
		Blue	XVB-C0M6	0.150
		Clear	XVB-C0M7	0.150
		Yellow	XVB-C0M8	0.150

Illuminated lens units with integral flashing light



XVB-C1●●

Illuminated lens units	LED, included ≈ 24 V	Green	XVB-C1B3	0.170
		Red	XVB-C1B4	0.170
		Orange	XVB-C1B5	0.170
		Blue	XVB-C1B6	0.170
		Clear	XVB-C1B7	0.170
		Yellow	XVB-C1B8	0.170
	LED, included ~ 120 V	Green	XVB-C1G3	0.170
		Red	XVB-C1G4	0.170
		Orange	XVB-C1G5	0.170
		Blue	XVB-C1G6	0.170
		Clear	XVB-C1G7	0.170
		Yellow	XVB-C1G8	0.170
	LED, included ~ 230 V	Green	XVB-C1M3	0.170
		Red	XVB-C1M4	0.170
		Orange	XVB-C1M5	0.170
		Blue	XVB-C1M6	0.170
		Clear	XVB-C1M7	0.170
		Yellow	XVB-C1M8	0.170

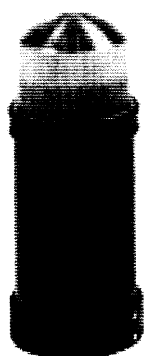
Illuminated beacons and indicator banks

Indicator banks type XVB-C for customer assembly (up to 5 units)
Illuminated lens units
with "flash" discharge tube

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References

For use with base unit XVB-C●●, see page 12



XVB-C6●●

Illuminated lens units with 5 joule "flash" discharge tube

Description	Light source	Colour	Reference	Weight kg
Illuminated lens 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
	"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
	"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 lens units with 10 joule "flash" discharge tube

Illuminated lens 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
	"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
	"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



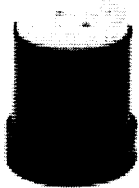
XVB-C8●●

Illuminated beacons and indicator banks

Indicator banks type XVB-C for customer assembly (up to 5 units)
Audible signalling units, base units, cover

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References



XVB-C9B

Audible signalling units

Description		Reference	Weight kg
Buzzer unit 90 dB at 1 m (75, ..., 90 dB) modes: continuous/intermittent	$\approx 12...48$ V	XVB-C9B	0.170
	$\sim 120...230$ V	XVB-C9M	0.180
Loudspeaker unit	(1)	XVB-C9L0 ▲	—

Base units + cover (with set of 6 coloured markers)

Base units for direct or tube fixing

Description	For use with	Type	Reference	Weight kg
Base unit + cover with bottom or side cable entry	Banks without "flash" discharge tube	Standard	XVB-C21	0.190
Base unit only with bottom or side cable entry	Banks without "flash" discharge tube"	Standard	XVB-C07	0.160
Base unit + cover with bottom or side cable entry	All types of banks (1)	AS-i	XVB-C21A ▲	—
		Interbus	XVB-C21P ▲	—

(1) Value not communicated.



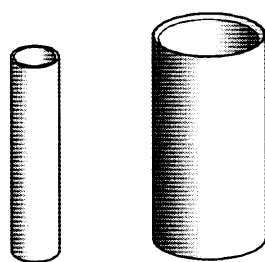
XVB-C07

Illuminated beacons and indicator banks

Type XVB Accessories

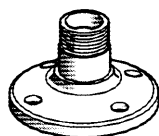
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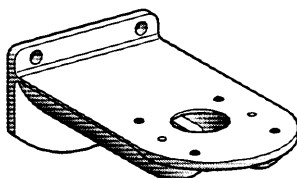


XVB-C02

XVB-C020



XVB-C11



XVB-C12

Accessories common to beacons and indicator banks

Description	Characteristics	Unit reference	Weight kg	
Support tube supplied with clamping device on base unit	100 mm	XVB-C02	0.100	
	400 mm	XVB-C03	0.350	
	800 mm	XVB-C04	0.690	
Support tube concealment cover	100 mm	XVB-C020	0.080	
	400 mm	XVB-C030	0.305	
	800 mm	XVB-C040	0.610	
Fixing plate for horizontal surface	For mounting on tube XVB-C0●	XVB-C11	0.170	
Fixing plate for vertical surface	For direct mounting on base unit or with plate XVB-C11 + tube XVB-C0●	XVB-C12	0.380	
Incandescent bulbs BA 15d base fitting, 10 W (sold in lots of 10)	12 V	DL1-BLJ	0.090	
	24 V	DL1-BLB	0.090	
	48 V	DL1-BLE	0.090	
	120 V	DL1-BLG	0.090	
	230 V	DL1-BLM	0.090	
Incandescent bulbs BA 15d base fitting, 7 W (sold in lots of 10)	12 V	DL1-BEJ	0.090	
	24 V	DL1-BEB	0.090	
	48 V	DL1-BEE	0.090	
	120 V	DL1-BEG	0.090	
	230 V	DL1-BEM	0.090	
LEDs BA 15d base fitting (sold singly)	24 V	White	DL1-BDB1	0.015
		Green	DL1-BDB3	0.015
		Red	DL1-BDB4	0.015
		Blue	DL1-BDB6	0.015
		Yellow-orange	DL1-BDB8	0.015
	120 V	White	DL1-BDG1	0.015
		Green	DL1-BDG3	0.015
		Red	DL1-BDG4	0.015
		Blue	DL1-BDG6	0.015
		Yellow-orange	DL1-BDG8	0.015
	230 V	White	DL1-BDM1	0.015
		Green	DL1-BDM3	0.015
		Red	DL1-BDM4	0.015
		Blue	DL1-BDM6	0.015
		Yellow-orange	DL1-BDM8	0.015
Adaptors for side entry through base unit	With 13P cable gland	XVB-C14	0.015	
Adaptors for side entry through base unit for connecting to AS-i bus and Interbus	With 16P cable gland	XVB-C16 ▲	0.018	

Accessories specific to indicator banks

Set of coloured markers	6 colours	XVB-C22	0.001
Set of 5 legend holders	Identification of stacked units on base	XVB-C23	0.002
Sheet of 85 legends for legend holder (XVB-C23)	Identification of stacked units on base	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	Available on CD ROM Telephone : 01623 450546	SEUK 0131	0.060

▲ Available
Mid 2000.

Illuminated beacons and indicator banks

Type XVB

Characteristics

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Environment

Approvals	Standard version, CSA, UL		Pending
Conforming to standards	Standard version		IEC/EN 60947-5-1
Protective treatment			"TC"
Ambient air temperature			
Storage		°C	- 40...+ 70
Operation (1)	Illuminated lens unit, steady	°C °C	- 25...+ 70, with incandescent bulb 10 W. - 25...+ 50, with LED
	Flashing units	°C °C °C	- 25...+ 50, with incandescent bulb 7 W - 25...+ 40, with incandescent bulb 10 W - 25...+ 50, with LED
	Units with "flash" discharge tube	°C	- 25...+ 50
	Audible signalling units	°C	- 25...+ 50, with buzzer
Electric shock protection conforming to IEC 536	Tube mounting		Class I
	Direct mounting on base unit		Class II
Degree of protection	To IEC 529 and NF C 20-010 To UL 508		IP 65 Type 4X NEMA "indoor"
Material	Illuminated lens unit		Polycarbonate
	Base unit and top cover		Glass-reinforced polyamide and polycarbonate
	Tube		Stainless steel
	Fixing plate		Zamak

(1) Warning : combining of illuminated units with incandescent lamps and LED illuminated units is forbidden.
Moreover, when associating different elements such as steady or flashing, the maximum temperature is limited to that of weaker element.

Illuminated beacons and indicator banks

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Characteristics (continued)

Electrical characteristics

Rated insulation voltage (Ui)	Conforming to IEC 947-1	V	250
Consumption	LED unit		
	Steady	mA	~ 24 V : < 80 ~ 120...230 V : < 30
	Flashing	mA	~ 24 V : < 40 ~ 120...230 V : < 15
	Unit with discharge tube (on energisation)	mA	~ 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 signalling units	mA	~ 12...48 V : < 20 ~ 120...230 V : < 50
Rated impulse withstand voltage	Conforming to IEC 947-1	kV	U imp = 4
Bulb type	Illuminated units, steady or flashing		Bulbs with BA 15d base fitting, minimum power 5 W, maximum power 10 W
Illuminating power	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 signalling unit	Continuous or intermittent signal	dB	90 at 1 m
	Fundamental frequency	kHz	2.8
Terminal referencing	Common to all 5 units		1 terminal referenced "C"
	Depending on number of units		1 or 5 terminals referenced 1 to 5
Cabling	Maximum clamping capacity on protected, ready-to-tighten, screw and captive cable clamp terminals	mm ²	1 x 1.5 with cable end
Frequency of illuminated units	Flashing units	Hz	1
	Units with discharge tube	Hz	1

Illuminated beacons and indicator banks

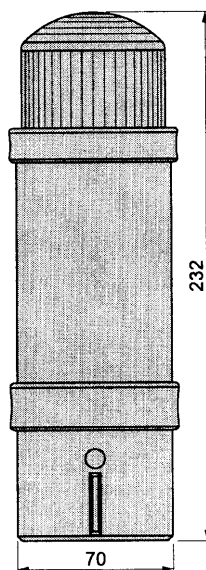
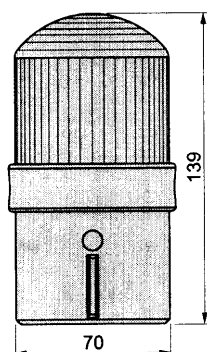
Type XVB

Dimensions

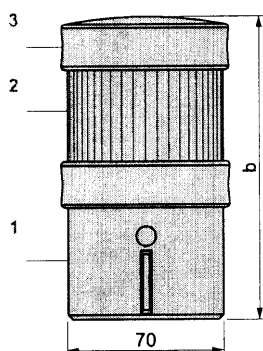
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Illuminated beacons XVB-L●●●
For bulb with BA 15d base fitting or LED

With "flash" discharge tube

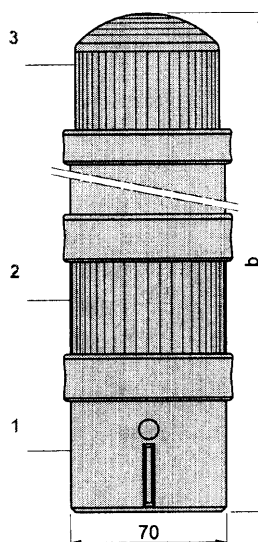


Indicator banks XVB-C
Without "flash" discharge tube



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

With "flash" discharge tube

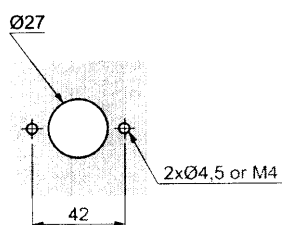


1 Base unit XVB-C07
2 Illuminated or audible
signalling unit XVB-C●●●
3 "Flash" unit XVB-C●●●

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)



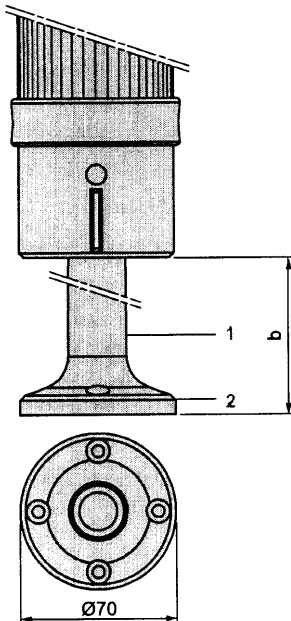
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Dimensions (continued)

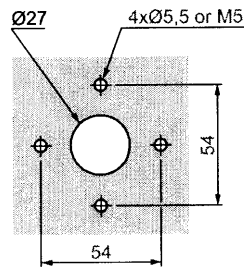
Support tube XVB-C0● and fixing plate for horizontal surface XVB-C11



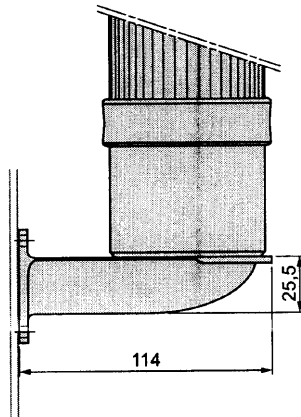
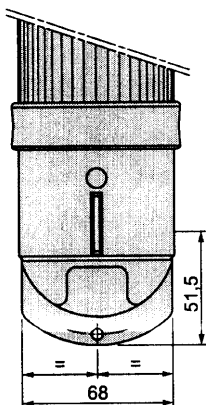
- 1 Support tube XVB-C0● Ø 25 mm
- 2 Fixing plate for vertical surface XVB-C12

	b
XVB-C02	77
XVB-C03	377
XVB-C04	777

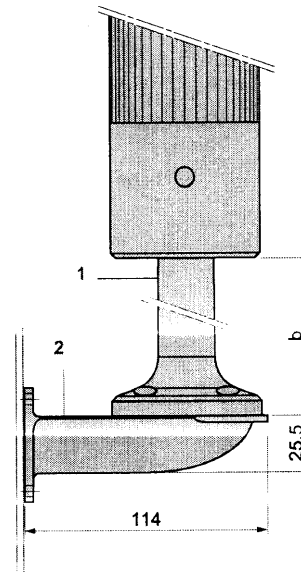
Cut-out in horizontal panel for fixing on plate XVB-C11



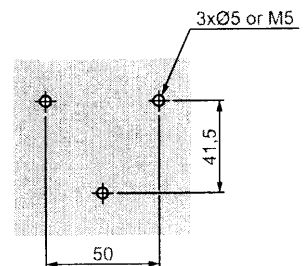
Fixing plate for vertical surface XVB-C12
Direct mounting on base unit



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

