

Illuminated beacons and indicator banks

Characteristics

References :
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Characteristics

Ambient air temperature	With steady or flashing circuit : operation : - 25...+ 70 °C With discharge circuit : storage : operation : - 10...+ 50 °C
Degree of protection	IP 42 conforming to IEC 529
Rated insulation voltage	Ui : 250 V
Consumption	With flashing circuit : (7 W bulb) - on ~ 24 V : 250 mA, - on ~ 230 V : 35 mA. With discharge circuit : (flashing lamp) - on = 24 V : 350 mA max. (switch-on : 720 mA), - on ~ 110/120 V : 100 mA, - on ~ 230 V : 80 mA. Audible elements : - = 12...48 V : 10...50 mA, - ~ 110...230 V : 3...7 mA.
Bulb/lamp type	Illuminated units with steady or flashing circuit : BA 15d base fitting bulbs, minimum power 5 W, maximum power 7 W. Illuminated units with high intensity "flash" lamp (integral xenon tube) : 13.6 cds with clear lens.
Audible signalling unit	90 db at 1 m, continuous or intermittent. Fundamental frequency : 3 kHz
Terminal referencing	1 terminal referenced "O" (-) common to all 5 possible stacked units, other terminals referenced 1 to 5, for use as required.
Cabling	Capacity : 2 x 2.5 mm ² max.

Illuminated beacons and illuminated 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°. Example : start, stop machine, no material, call technical staff, fault indication, etc.

● Illuminated beacon

- Pre-assembled with a single illuminating signalling unit : either steady, flashing or with high intensity xenon flash lamp :
 - optional accessory : anodised aluminium support tube ; 100 mm, 400 mm or 800 mm long,
 - optional accessory : support plate.

● Illuminated indicator bank

- For assembly by the user, with up to 5 illuminated or 4 illuminated + 1 audible signalling units. It comprises :
 - a base, incorporating terminal block, cable clamp and support tube fixings,
 - 1 to 5 coloured lens units (green, red, orange, blue or clear) or 4 coloured lens units + 1 audible signalling units,
 - a top cover, where necessary,
 - optional accessory : anodised aluminium support tube ; 100 mm, 400 mm or 800 mm long,
 - optional accessory : support plate.
 The illuminated lens or audible signalling units stack vertically and are each locked by a single screw. Electrical connections between each unit are made automatically during assembly.

● Fixing

- Base fitted directly onto panel by means of 2 screws.
Fixed onto panel using support plate (4 fixing screws) and 100 mm, 400 mm or 800 mm anodised aluminium tube.

● Cabling

- Internal connections are brought out to a terminal block, with protected screw and captive cable clamp terminals, incorporated in the base unit.

Illuminated beacons and indicator banks

Complete units

References

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XVA-L3●



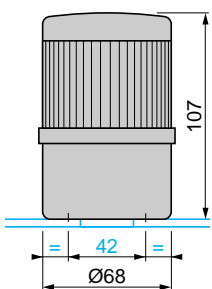
XVA-L4●

Illuminated beacons, direct or tube fixing

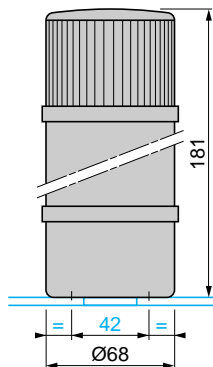
Description	Signal	Colour	Reference	Weight kg	
Complete assembly comprising : 1 cover 1 coloured lens unit 1 base unit	Steady light bulb not included (1) ≤ 230 V	Green	XVA-L33	0.200	
		Red	XVA-L34	0.200	
		Orange	XVA-L35	0.200	
		Blue	XVA-L36	0.200	
		Clear	XVA-L37	0.200	
		Flashing light bulb not included (1) ~ 24...230 V (± 10 %)	Green	XVA-L43	0.200
			Red	XVA-L44	0.200
Orange	XVA-L45		0.200		
Blue	XVA-L46		0.200		
Clear	XVA-L47		0.200		
Discharge circuit for flashing light Integral high intensity xenon discharge tube ~ 24 V	Green		XVA-L63C024	0.210	
	Red		XVA-L64C024	0.210	
	Orange	XVA-L65C024	0.210		
	Blue	XVA-L66C024	0.210		
	Clear	XVA-L67C024	0.210		
Discharge circuit for flashing light Integral high intensity xenon discharge tube ~ 110/120 V 50/60 Hz	Green	XVA-L63B120	0.210		
	Red	XVA-L64B120	0.210		
	Orange	XVA-L65B120	0.210		
	Blue	XVA-L66B120	0.210		
	Clear	XVA-L67B120	0.210		
Discharge circuit for flashing light Integral high intensity xenon discharge tube ~ 230 V (± 10 %) 50 Hz	Green	XVA-L63A220	0.210		
	Red	XVA-L64A220	0.210		
	Orange	XVA-L65A220	0.210		
	Blue	XVA-L66A220	0.210		
	Clear	XVA-L67A220	0.210		

(1) Bulb type for use with direct supply : BA 15d base fitting incandescent, see page 5/41.

**Illuminated beacons
without xenon flashing light
XVA-L3●, XVA-L4●**

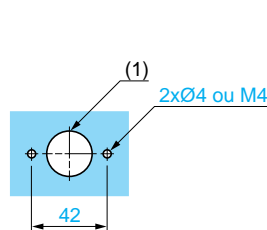


**with xenon flashing light
XVA-L6●●●●●●**

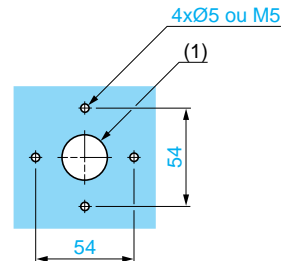


Panel cut-out

For direct fixing of illuminated beacons or indicator banks



For tube fixing of illuminated beacons or indicator banks, using support plates



(1) Ø 25 max.

Illuminated beacons and indicator banks

Adaptable sub-assemblies

References

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Illuminated indicator banks (up to 5 units), direct or tube fixing



XVA-C34



XVA-C37



XVA-C33



XVA-C35



XVA-C21

Description	Signal	Colour	Reference	Weight kg		
Illuminated lens units Not interchangeable with illuminated beacons	Steady light bulb not included (1) ≤ 230 V	Green	XVA-C33	0.080		
		Red	XVA-C34	0.080		
		Orange	XVA-C35	0.080		
		Blue	XVA-C36	0.080		
		Clear	XVA-C37	0.080		
		Yellow	XVA-C38	0.080		
	Flashing light bulb not included (1) ~ 24 to 230 V (± 10 %)	Green	XVA-C43	0.080		
		Red	XVA-C44	0.080		
		Orange	XVA-C45	0.080		
		Blue	XVA-C46	0.080		
		Clear	XVA-C47	0.080		
High intensity xenon flashing light (Maximum of 1 unit per indicator bank, mounted at top)	With discharge circuit Integral tube = 24 V (2)	Green	XVA-C63C0241	0.090		
		Red	XVA-C64C0241	0.090		
		Orange	XVA-C65C0241	0.090		
		Blue	XVA-C66C0241	0.090		
	With discharge circuit Integral tube ~ 110/120 V 50/60 Hz	Green	XVA-C63B120	0.090		
		Red	XVA-C64B120	0.090		
		Orange	XVA-C65B120	0.090		
		Blue	XVA-C66B120	0.090		
	With discharge circuit Integral tube ~ 230 V (± 10 %) 50 Hz	Green	XVA-C63A220	0.090		
		Red	XVA-C64A220	0.090		
		Orange	XVA-C65A220	0.090		
		Blue	XVA-C66A220	0.090		
Description	Signal	Supply voltage	Reference	Weight kg		
		Clear	XVA-C67A220	0.090		
		Audible signalling unit (90 db at 1 m)	Continuous	= 12...48 V (2)	XVA-C911	0.120
			Intermittent	= 12...48 V (2)	XVA-C921	0.120
Continuous	~ 110...230 V		XVA-C93	0.120		
Intermittent	~ 110...230 V		XVA-C94	0.120		
Base unit + cover	For bank without xenon flashing light		XVA-C21	0.135		
Base unit only	For bank with xenon flashing light		XVA-C07	0.120		

Note : Illuminated indicator banks are supplied as sub-assemblies (for customer assembly).

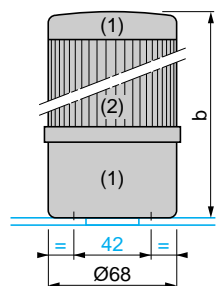
Each unit is packed individually and marked with its respective reference.

Maximum number of units per bank : 5 illuminated units or 4 illuminated units + 1 audible unit (mounted at top).
For accessories and spare parts see page 5/41.

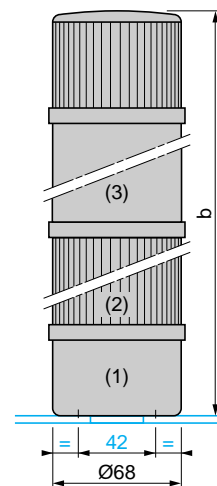
(1) Bulb type for use with direct supply : BA 15d base fitting incandescent, see page 5/41.

(2) "-" line to common terminal (PLC solid state PNP type output). For "+" line to common terminal (NPN), please consult your Regional customer centre.

Illuminated indicator banks without xenon flashing light



with xenon flashing light



Illuminated indicator banks without xenon flashing light

Number of illuminated or audible signalling units (2)	b
1	107
2	159
3	211
4	263
5	315

(1) XVA-C21
(2) XVA-C3●, C4● or C9●

Illuminated indicator banks with xenon flashing light (3)

Number of illuminated or audible signalling units (2)	b
0	181
1	233
2	285
3	337
4	389

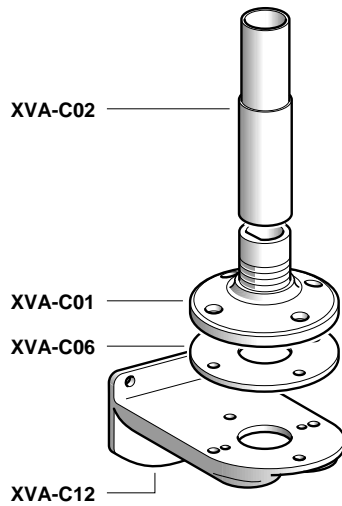
(1) XVA-C07
(2) XVA-C3●, C4● or C9●
(3) XVA-C6●●●●●

Illuminated beacons and indicator banks

References of accessories and spare parts

Dimensions

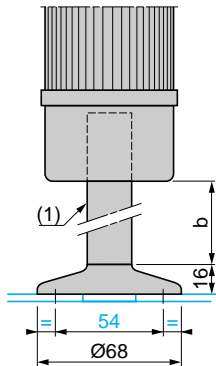
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Accessories and spare parts

Description		Unit reference	Weight kg
Accessories for tube mounting	Tube only	100 mm	XVA-C02 0.030
		400 mm	XVA-C03 0.120
		800 mm	XVA-C04 0.240
	Tube/support fixing plate	Plastic	XVA-C01 0.030
	Metal	XVA-C11 0.100	
Side fixing bracket for tube/support fixing plate or base unit	Metal	XVA-C12 0.350	
Sealing gaskets	Dust and damp protecting	For base unit	XVA-C05 0.004
		For tube support	XVA-C06 0.005
Set of sealing gaskets	For IP 54 degree of protection for beacons and indicator banks	XVA-C082	0.100
Bulbs, incandescent BA 15d base fitting (Sold in lots of 10)	12 V - 5 W	DL1-BA012	0.010
	24 V - 6.5 W	DL1-BL024	0.010
	48 V - 6 W	DL1-BA048	0.010
	120 V - 7 W	DL1-BL120	0.010
	230 V - 7 W	DL1-BL230	0.010

Tube XVA-C0● and support plate XVA-C●1 for illuminated beacons and indicator banks



XVA-	C02	C03	C04
b	63	363	763
(1) Tube Ø 25 mm			