

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●



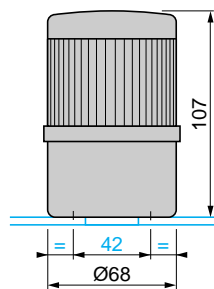
XVA-L4●

Illuminated beacons, direct or tube fixing

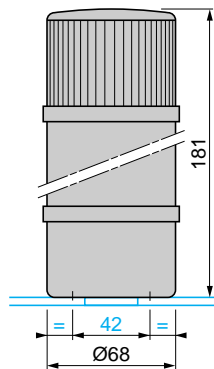
Description	Signal	Colour	Reference	Weight kg
Complete assembly comprising : 1 cover 1 coloured lens unit 1 base unit	Steady light bulb not included (1) ≤ 230 V	Green	XVA-L33	0.200
		Red	XVA-L34	0.200
		Orange	XVA-L35	0.200
		Blue	XVA-L36	0.200
		Clear	XVA-L37	0.200
	Flashing light bulb not included (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.

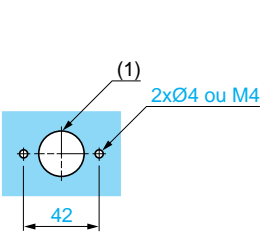
Illuminated beacons
without xenon flashing light
XVA-L3●, XVA-L4●



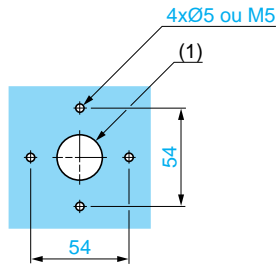
with xenon flashing light
XVA-L6●●●●●●



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
		Clear	XVA-C67C0241	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
		Clear	XVA-C67B120	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
		Clear	XVA-C67A220	0.090
Description	Signal	Supply voltage	Reference	Weight kg
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).

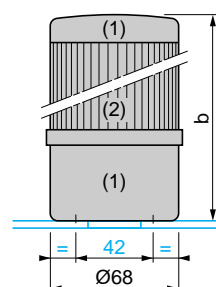
Each unit is packed individually and marked with its respective reference.

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.

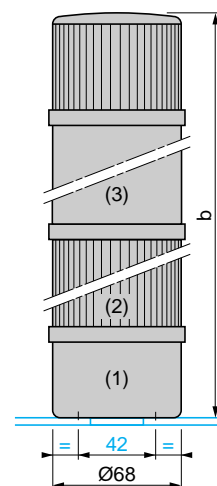
(1) Bulb type for use with direct supply : BA 15d base fitting incandescent, see page 5/41.

(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)

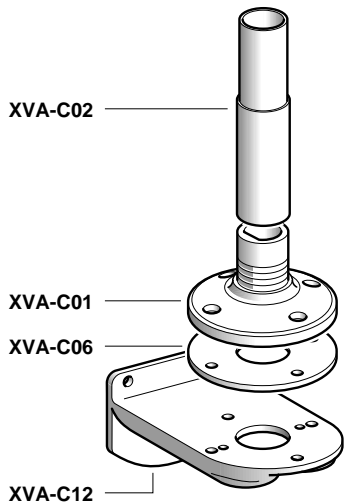
Number of illuminated or audible signalling units (2)	b
0	181
1	233
2	285
3	337
4	389
(1) XVA-C07	
(2) XVA-C3●, C4● or C9●	
(3) XVA-C6●●●●●	

Illuminated beacons and indicator banks

References of accessories and spare parts

Dimensions

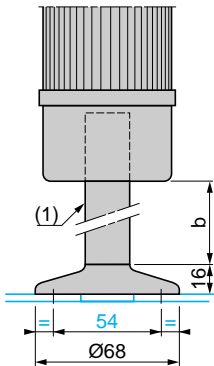
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Accessories and spare parts

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			