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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.

Complete units

References

Characteristics :
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Illuminated beacons, direct or tube fixing



XVA-L3●

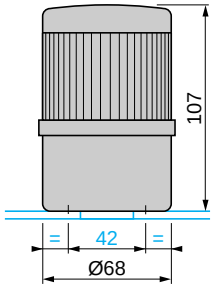


XVA-L4●

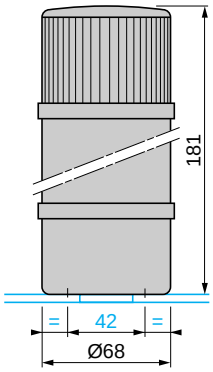
Description	Signal	Colour	Reference	Weight kg
Complete assembly comprising : 1 cover 1 coloured lens unit 1 base unit	Steady light bulb not included (1) ≤ 230 V	Green	**XVA-L33**	0.200
		Red	**XVA-L34**	0.200
		Orange	**XVA-L35**	0.200
		Blue	**XVA-L36**	0.200
		Clear	**XVA-L37**	0.200
	Flashing light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

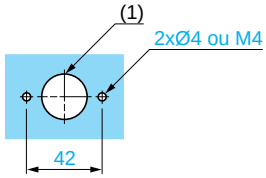


with xenon flashing light XVA-L6●●●●●●

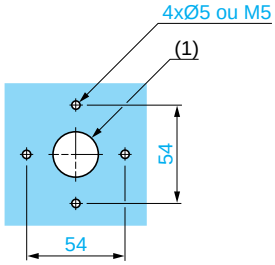


Panel cut-out

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.

Adaptable sub-assemblies

References

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

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.



XVA-C34



XVA-C37



XVA-C33

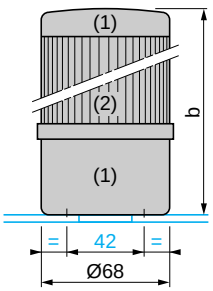


XVA-C35

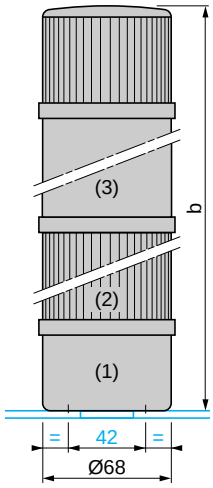


XVA-C21

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)

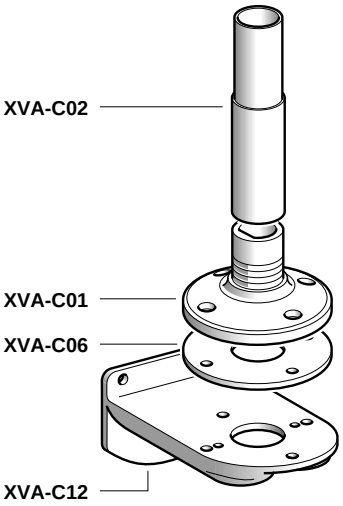
Number of illuminated or audible signalling units (2)	b
0	181
1	233
2	285
3	337
4	389

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

References of accessories and spare parts

Dimensions

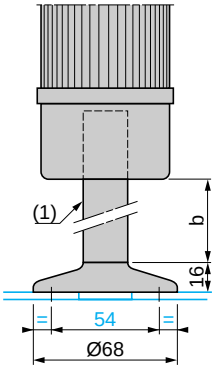
Characteristics :
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Accessories and spare parts

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

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