

Control and signaling

Harmony XVL

Catalogue

2015



Control and signalling units

Ø 8 and 12

LED pilot lights

Presentation

This range of LED pilot lights meets the latest requirements in signalling techniques.

Applications

Due to their small size, Ø 8 and Ø 12 fixing pilot lights are particularly suitable for the following applications:

- Mounting on small control panels
- Shallow depth mounting
- Where a large number of signalling units are required on a control panel
- Low power dissipation

Advantages

LED pilot lights have many advantages:

- Very long life and low maintenance costs (bulb test procedure no longer required)
- Highly resistant to shocks, vibrations, and overvoltage
- Low power consumption which, for example, allows direct compatibility with programmable controller outputs
- No sudden failures

Description and environment

- The XVL A range features two different models:
 - **XVL A1** ● 8 mm diameter pilot lights with black bezel. This version has a sealed front face (IP 40).
 - **XVL A2** ● 8 and 12 mm diameter pilot lights with integral lens cap and covered LED. These models have sealed front faces (IP 40) and can be fitted with an additional seal to provide IP 65 protection.
- All models comply with UL (Recognized) and CSA certifications.

Connection

- Quick installation is assisted by:
 - tag connectors suitable for soldered connections on Ø 8 mm pilot lights
 - threaded connectors on Ø 12 mm pilot lights
- This offers two advantages in terms of connection:
 - An integral ballast resistor
 - Reverse polarity protection

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LED pilot lights



XVL A1●●

References

Pilot lights with black bezel

Description	Supply voltage	Colour	Reference	Weight kg
Ø 8 mm Degree of protection: <input type="checkbox"/> IP 40 (with integral ballast resistor and reverse polarity protection diode)	5 V	Green	XVL A113	0.003
		Red	XVL A114	0.003
		Yellow	XVL A115	0.003
	12 V	Green	XVL A123	0.003
		Red	XVL A124	0.003
		Yellow	XVL A125	0.003
	24 V	Green	XVL A133	0.003
		Red	XVL A134	0.003
		Yellow	XVL A135	0.003
	48 V	Green	XVL A143	0.003
		Red	XVL A144	0.003
		Yellow	XVL A145	0.003

IP 40 version



XVL A2●●

IP 65 version



XVL A2●● + XVL Z911 (1)

Pilot lights with integral lens cap, covered LED

Description	Supply voltage	Colour	Reference	Weight kg
Ø 8 mm Degree of protection: <input type="checkbox"/> IP 40 <input type="checkbox"/> IP 65 with seal XVL Z911 (1) (with integral ballast resistor and reverse polarity protection diode)	5 V	Green	XVL A213	0.003
		Red	XVL A214	0.003
		Yellow	XVL A215	0.003
	12 V	Green	XVL A223	0.003
		Red	XVL A224	0.003
		Yellow	XVL A225	0.003
	24 V	Green	XVL A233	0.003
		Red	XVL A234	0.003
		Yellow	XVL A235	0.003
	48 V	Green	XVL A243	0.003
		Red	XVL A244	0.003
		Yellow	XVL A245	0.003
Ø 12 mm Degree of protection: <input type="checkbox"/> IP 40 <input type="checkbox"/> IP 65 with seal XVL Z912 (1) (with integral ballast resistor and reverse polarity protection diode)	5 V	Green	XVL A313	0.007
		Red	XVL A314	0.007
		Yellow	XVL A315	0.007
	12 V	Green	XVL A323	0.007
		Red	XVL A324	0.007
		Yellow	XVL A325	0.007
	24 V	Green	XVL A333	0.007
		Red	XVL A334	0.007
		Yellow	XVL A335	0.007
	48 V	Green	XVL A343	0.007
		Red	XVL A344	0.007
		Yellow	XVL A345	0.007

IP 40 version



XVL A3●●

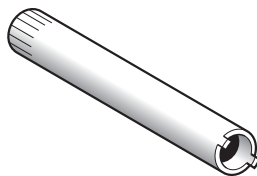
IP 65 version



XVL A3●● + XVL Z912 (1)

Separate components

Description	For use with	Sold in lots of	Unit reference	Weight kg
Tightening tools (sold singly)	Ø 8 mm pilot lights	1	XVL X08	0.015
	Ø 12 mm pilot lights	1	XVL X12	0.030
Seals (IP 65)	Ø 8 mm pilot lights	10	XVL Z911	0.001
	Ø 12 mm pilot lights	10	XVL Z912	0.001
Other versions	Ø 8 and Ø 12 mm LED pilot lights, without resistor, without reverse polarity protection diode (max. direct current: 30 mA $\overline{=}$) Please consult our Customer Care Centre.			



XVL X●●



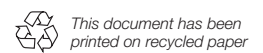
XVL Z91●

(1) To be ordered separately.

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Document Number 35041_CA-GB



December 2014 SF