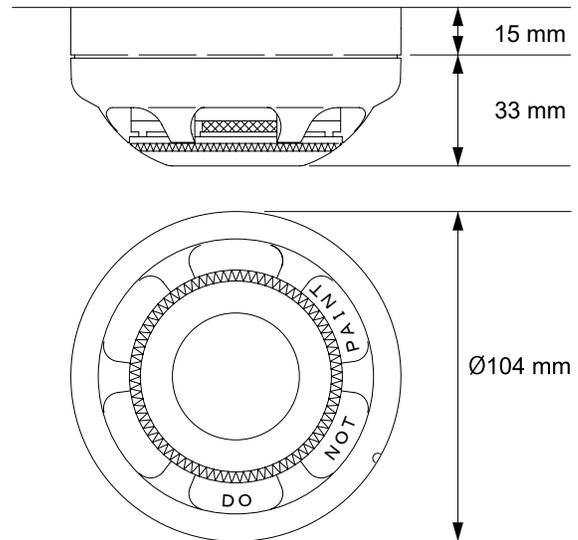


■ Dimensions



■ Description

The EVCA-PY is a UL268 7th edition approved conventional photoelectric smoke detector. Advanced sensing algorithms for the smoke sensor can analyse a type of smoke and reduce false alarms.

The LED Indicator for 360° visibility (OMNIVIEW™360°) illuminates in red in an alarm condition.



■ Features

- Responds well to both black and white smoke
- Low profile, stylish appearance
- Low monitoring current
- OMNIVIEW™ 360° LED
- Drift Compensation
- Approved to UL268 7th edition

■ Specifications

Specifications	EVCA-PY
Detector Element	Light Emitting Diode
LED Visual Indicator	The ALARM LED illuminates RED when the detector is activated. Out of sensitivity : The LED flashes RED
Operating Voltage	12 VDC to 32 VDC
System Voltage	24 VDC
Stand-by Current	30 µA ave. @ 24 VDC
Alarm Current	68 mA max. 47.5 mA @ 24 VDC
Sensitivity	1.34 %/Ft. to 2.14 %/Ft.
Operating Temperature	-10 °C to +55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to +65 °C (-4 °F to 149 °F)
Relative Humidity	0-95%RH, non-condensing
Material	ABS
Dimensions	φ 104 mm x H 33 mm (Detector head only)
Weight	115 g (Detector head only)
Standard	UL268 7th edition

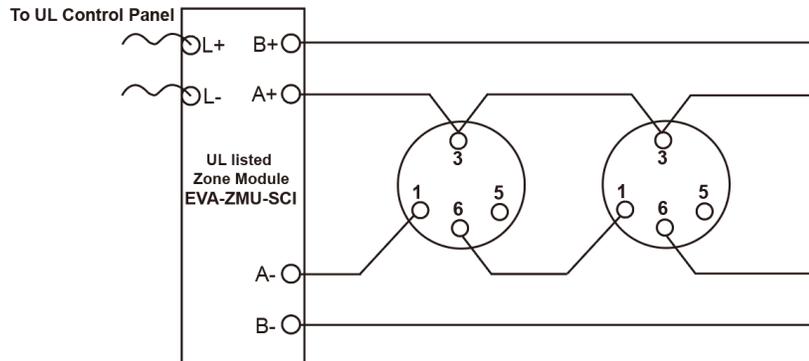
■ Mounting Base Models

Model	Description	Diameter	Number of Terminals
EVA-UB4	Standard mounting base	104 mm (4 inch)	4
EVA-UB4-6*	Larger mounting base	160 mm (6 inch)	4

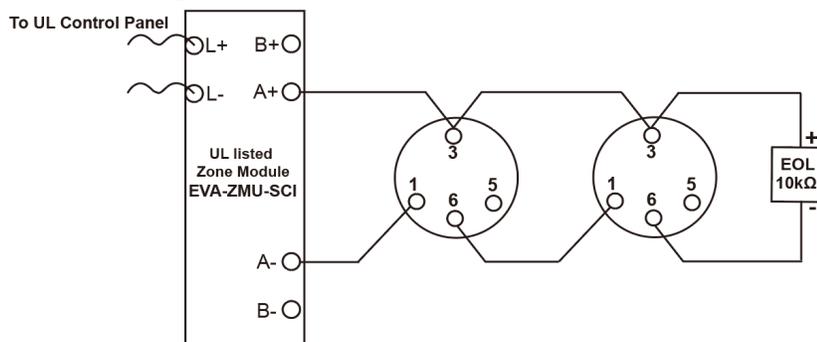
* The Model EVA-UB4-6 base is intended for applications where a 4 inch square or octagonal electrical junction box is required.

■ Wiring

【 Class A wiring 】



【 Class B wiring 】



■ Terminals

Terminal	Description
1	Zone Powered (- negative) INPUT
3	Zone Powered (+ positive) IN & OUT
6	Zone Powered (- negative) OUTPUT

All specifications are subject to change without any notice.
For more information, contact with NITTAN.

NITTAN

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