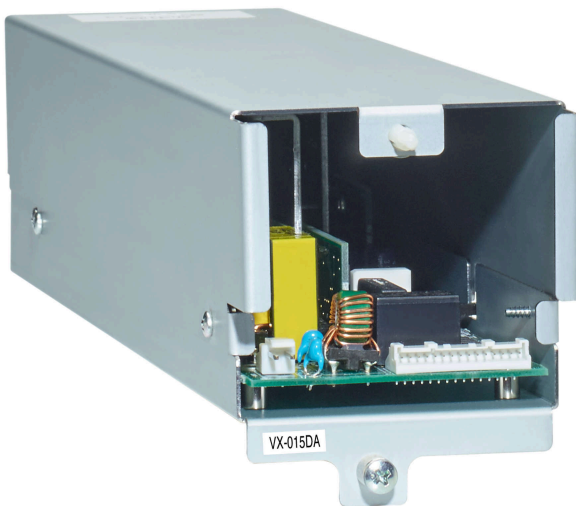


## VX-015DA

### DIGITAL POWER AMPLIFIER MODULE 150W



The VX-015DA is a Digital power amplifier used for the VX-3000 systems which is compliant with the European Standard EN54 for fire alarm systems. It is a module type with 1 channel of class-D digital power amplifier, which contribute to energy-saving and light weight design. The VX-015DA also features standby mode to be set for reducing standby power consumption. It requires a dedicated control units VX-3004F, VX-3008F, VX-3016F and power supply unit VX-3000DS.

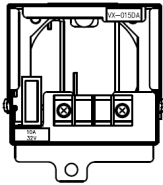
### Key features

- Low loss modular class-D amplifier
- Modules to be mounted in the frame units
- Power level: 150 W
- Can easily be removed or replaced simply by unplugging them; no need for special tools
- Dust filter, easy to clean
- 100 V Output without transformer resulting in light-weight units
- Fuse easily accessible from rear

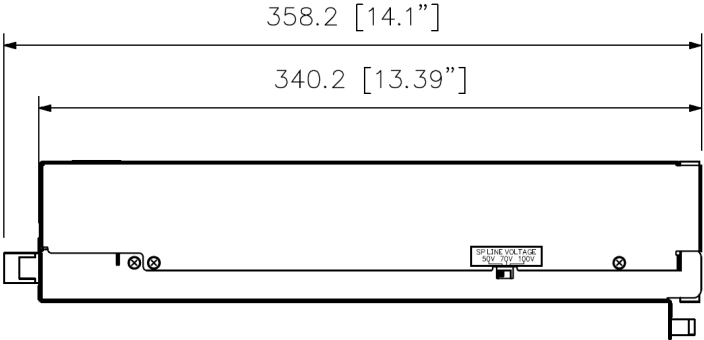
## Specifications

Power Source	31 V DC (operating range: 20 to 33 V DC) DC power in: M4 screw terminal, distance between barriers: 11 mm (0.43")
Amplification System	Class D
Power Consumption	40 W at 31 V DC
Rated Output	150 W (at 100 V line and min. impedance and max. capacitive load) 105 W (at 70 V line and min. impedance and max. capacitive load) 75 W (at 50 V line and min. impedance and max. capacitive load) (at AC Mains VX-3000DS or VX-3150DS: 187 to 253 V)
Output Voltage	100 V (70 V, 50 V: selectable)
Minimum Impedance Load	67 $\Omega$ (at 100 V line), 47 $\Omega$ (at 70 V line), 33 $\Omega$ (at 50 V line)
Maximum Capacitive Load	0.5 $\mu$ F
Number of Channels	1
Input	DA CONTROL LINK: Nylon connector (15 pins)
Output	DA OUTPUT LINK: Nylon connector (2 pins)
Frequency Response	40 Hz to 20 kHz: -5 to +1 dB (at 100 V line, 30 dB* output)
Distortion	1% or less (at 100 V line, rated output, 1 kHz)
Signal to Noise Ratio	100 dB or more (at 100 V line, A-weighted)
Operating Temperature	-5 $^{\circ}$ C to +45 $^{\circ}$ C (23 $^{\circ}$ F to 113 $^{\circ}$ F)
Operating Humidity	90% RH or less (no condensation)
Finish	Surface-treated steel plate
Dimensions	82.8 (W) x 91 (H) x 358.2 (D) mm (3.26" x 3.58" x 14.1")
Weight	1.3 kg (2.87 lb)
Included Accessories	DA CONTROL LINK Cable x 1, DA OUTPUT LINK Cable x 1, DC FUSE (10 A) x 1

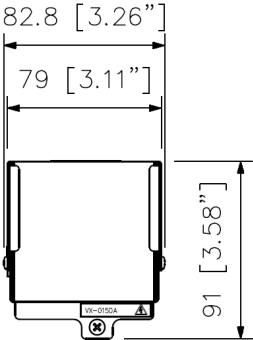
# Dimensions



Rear View



Side View



Front View

UNIT: mm

## A&E specifications

Amplifier module with highly efficient digital class-D amplifier with an output power of 150 watts and internal low-loss voltage converter of advanced switching technology. Lightweight through floating speaker line output without transformer. Output voltage switchable between 50, 70 and 100 volts. Fuse easily accessible from the back. Ventilation with easy to clean filter.