

# 2012 Series Alarms

## Backup Alarms



### FEATURES

- Available in 87 dB(A), 97 dB(A) and 102 dB(A)
- 12/24 Vdc
- Steam-cleanable and pressure-washable
- Epoxy-encapsulated
- Draws minimal 0.5 A
- Three-year warranty

### APPROVALS

- SAE J994
- CE
- OSHA
- MSHA

Federal Signal's 2012 Series Backup Alarms provide dependable performance at an economical price for a variety of applications.

#### A Wide Selection of Models Meets a Broad Scope of Decibel Requirements

The 2012 Series backup alarms are available in a wide range of decibel ratings including 87 dB(A), 97 dB(A) and 102 dB(A) models to meet precise warning requirements. Each decibel version can be ordered with stud terminals or wires for added installation flexibility. The stud models come equipped with a built-in universal mounting bracket and self-grounding strap.

#### Built to Meet Demands of Many Work Environments

The 2012 Series Backup Alarms are epoxy-encapsulated to protect against moisture, vibration and the environment. These alarms are steam-cleanable and pressure-washable and are built with heat-resistant, glass-filled nylon allowing them to handle the toughest commercial and industrial work environments.

#### Ready For a Variety of Applications

All models of the 2012 Series Backup alarms meet SAE J994, CE, OSHA and MSHA requirements. They are ideal for various work truck applications, including municipal fleets, utility, construction and OEMs.

## HOW TO ORDER

### STUD TERMINAL

210238-S	87 dB(A), 12/24 Vdc, SAE J994 Type D
210239-S	97 dB(A), 12/24 Vdc, SAE J994 Type C
210240-S	102 dB(A), 12/24 Vdc, SAE J994 Type F

### WIRE MODELS

210238-W	87 dB(A), 12/24 Vdc, SAE J994 Type D
210239-W	97 dB(A), 12/24 Vdc, SAE J994 Type C
210240-W	102 dB(A), 12/24 Vdc, SAE J994 Type F

## SPECIFICATIONS

OPERATING VOLTAGE	12/24 Vdc
CONFORMANCE	SAE J994, CE, OSHA and MSHA

MODEL	SOUND OUTPUT	CURRENT DRAW	SAE J994 TYPE
210238-S	87 dB(A)	0.3 A	Type D
210239-S	97 dB(A)	0.3 A	Type C
210240-S	102 dB(A)	0.5 A	Type F
210238-W	87 dB(A)	0.3 A	Type D
210239-W	97 dB(A)	0.3 A	Type C
210240-W	102 dB(A)	0.5 A	Type F

### PHYSICAL SPECIFICATIONS

WIDTH	1.3 in (3.2 cm)
HEIGHT	2.6 in (6.4 cm)
LENGTH	4.1 in (10.5 cm)

### SHIP WEIGHT

0.6 lb (0.3 kg)

