



Hazardous Area Audible Signal

YA11 Series Panel or Surface Mount Alarms Overview

STAHL YA11 series signal alarms provide an audible warning, alert, or information. For example, in the event of equipment malfunctions or safety issues, or when systems are starting up. The YA11 series signal alarms are designed to provide an omni-directional audible signal and is intended for use in hazardous areas or the harshest environments and have hazardous area certifications for international use.

Features

- Lightweight, corrosion resistant ABS and aluminum construction
- Low profile
- 100dB at 1-meter
- NEMA 4X, IP66 rating
- Meets UL, CUL, ATEX and IECEx approvals
- -40 to 70°C (-40 to 158°F) temperature range
- Stainless steel mounting and console sealing hardware included
- Prewired with a 3-meter (118 inches) cable for easy installation



YA11-1-D-01-RN

YA11 Series Alarms				
Part Number	<u>YA11-1-D-01-RN</u>	<u>YA11-1-D-02-RN</u>	<u>YA11-1-D-04-RN</u>	<u>YA11-1-D-11-RN</u>
Price				
Drawing Link	PDF	PDF	PDF	PDF
Description	STAHL Alarm Buzzer: 100dB at 1m			
Rated Voltage	24VDC			
Operating Voltage Range	18 - 32 VDC			
Rated Power Consumption	70mA			
Maximum Volume	100dB at 1m			
Tone Type	Alternating two-tone		Alternating fast two-tone	Continuous
Tone Frequency	800Hz 1kHz	2.5 kHz 3.1 kHz	2.5 kHz 3.1 kHz	1kHz
Operating Temperature	-40 to 70°C [-40 to 158°F]			
Mounting Location	Hazardous location rated			
Mounting Direction	Any			
Protection	Panel or Surface Mount - IP66			
NEMA Rating	4X			
Weight	3.57 lb			
Housing Material	Aluminum/ABS plastic			
Housing Color	Red			
Cable Description	3m (118in) ÖLFLEX150 QUATTRO/18AWG 2x1mm ²			
Agency Approvals	Standard UL 464, Edition 9, Revision date 2009-08-14 ISA 12.12.01-2010 - Nonincendive Electrical Equipment For Use In Class I and II, Division 2, and Class III, Divisions 1 and 2 Hazardous (Classified) Locations - Edition 1 - Approved 2011-01-28 Canadian Standard CAN/ULC-S525-07, Edition 3, dated February 2007 CSA C22.2 No. 213 - Nonincendive Electrical Equipment For Use In Class 1, Division 2 Hazardous Locations - (1987 Edition) - Edition 1 - Issue Date 1987-03-01			

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.
 Specifications continued on the following page



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Specifications

YA11 Series Alarms - Explosion Protection Specifications				
Part Number	YA11-1-D-01-RN	YA11-1-D-02-RN	YA11-1-D-04-RN	YA11-1-D-11-RN
Scope of Validity	Canada, European Union (ATEX), IECEx, USA			
Application range (zones)	2, 22			
IECEX gas certificate	IECEX BAS 11.0058X			
IECEX gas explosion protection	Ex nA IIC T4 Gc			
IECEX dust certificate	IECEX BAS 11.0058X			
IECEX dust explosion protection	Ex tc IIIC T90°C Dc IP66			
ATEX gas certificate	Baseefa 10 ATEX 0252X			
ATEX gas explosion protection	II 3 G Ex nA IIC T4 Gc			
ATEX dust certificate	Baseefa 10 ATEX 0252X			
ATEX dust explosion protection	II 3 D Ex tc IIIC T90°C Dc IP66			
USA gas certificate	UL E161818			
USA dust certificate	UL E161818			
NEC 500 gas explosion protection	Class I, Div. 0			
NEC 500 zones	Class I, Zone 2			
NEC 500_2 gas explosion protection	Group A,B,C,D			
CAN gas certificate	UL E161818			
Marking cULus	Class I, Div. 2, Groups A,B,C,D Class I, Div. 2, Groups A,B,C,D			
Certificates	ATEX (BAS), Canada / USA (UL), IECEx (BAS)			