

Audible signalling device

Series YA60 - Flameproof Version; max. 110 dB(A) @ 1 m (39.37")



- Ex d enclosure made from seawater-resistant aluminium
- Omnidirectional high output sounder 110 dB(A) @ 1 m (39.37")
- 2 stage alarm, independently selectable 2nd stage, each with 32 selectable tones in accordance with international regulations
- Independent tone selection using a DIL switch
- NEMA 4X / IP66 rated
- Telephone initiate option available

MY R. STAHL YA60A



Yodalex range

Product Series YA60 is designed to provide an audible alarm which can be used to alert, warn or draw attention to machine malfunction/start up or any number of safety related issues in hazardous areas. Omnidirectional audible signal designed for use in hazardous or harsh environments.

	NEC® 500 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface						
Installation in	•	•				

	CE Code Section 18					
	NEC® 505			NEC® 506		
	Class I					
Zone	0	1	2	20	21	22
Ex interface						
Installation in		•	•			

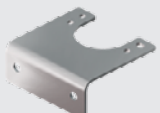
	IECEX / ATEX					
	Zone 0		Zone 1		Zone 2	
Zone	0	1	2	20	21	22
Ex interface						
Installation in		•	•		•	•


Selection Table					
Certificates		ATEX (BVIS), IECEX (BVIS)			
Rated operational voltage AC		Rated operational voltage DC		Product Type	Art. No. Weight
-		12 ... 24 V		YA60/21-DS0000-000002-ST0000-0000	284513 5.4 kg
Certificates		Canada / USA (UL)			
Rated operational voltage AC		Rated operational voltage DC		Product Type	Art. No. Weight
115 V		-		YA60/B/L/UL	205204 5.4 kg
230 V		-		YA60/B/N/UL	207054 5.4 kg
-		24 V		YA60/B/D/UL	205202 5.4 kg

Further variations in gas group and voltage are available, please use the selection table on the internet at r-stahl.com. MY R. STAHL YA60A

Technical Data	
Variant	YA60/21 YA60 - UL
Explosion Protection	
Certificate ULus	UL E161818
Certificate cUL	UL E161818
Marking cULus	Class I, Div. 1,2, Groups B,C,D Class II Groups E,F,G Class III Class I, Zone 1, AEx/Ex d IIB + H ₂
IECEX gas explosion protection	Ex db IIC T6 / T4 Gb

Technical Data		
Variant	YA60/21	YA60 - UL
Explosion Protection		
IECEX dust explosion protection	Ex tb IIIC T80 °C / T100 °C Db	
Acoustic Data		
Sound pressure level	Max. 110 dB(A) @ 39.37"	
Sound pressure level	max. 110 dB(A) @ 1 m	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch	Via DIL switch
Sound level	4	2
Ambient Conditions		
Ambient temperature °F	-13°F ... +150°F	
Notes	The operating temperature is different based by the UL and IECEx certificate	
Mechanical Data		
Degree of protection (NEC UL 50)	NEMA 4X	
Degree of protection (IP) (IEC 60529)	IP66	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant	Aluminum, powder-coated, Seawater-resistant
Trumpet material	ABS, flame retardant	ABS, flame retardant
Connection terminal, solid, max. AWG	AWG 14	
Max. solid connection terminals	2.5 mm ²	2.5 mm ²
Connection terminal, finely stranded, max. AWG	AWG 14	
Max. finely stranded connection terminals	2.5 mm ²	2.5 mm ²
Enclosure color	Red (RAL 3001)	Red (RAL 3001)
Mounting / Installation		
Connection type	Push in	Screw terminal
Mounting part material	Sheet steel, powder-coated	Sheet steel, powder-coated
Components		
Drilled holes	2 x M20	2 x M20
Cable glands and entries	Can be ordered as accessories	Can be ordered as accessories
Stopping plugs	1 x M20 x 1.5 1 x dust cap	1 x dust cap 1 x CMP-757 VST Ms M20 1 x adapter M20x1/2" NPT
Stopping plug material	Brass	Brass
You can find more technical data online at r-stahl.com . MY R. STAHL YA60A		

Accessories			
Figure	Description	Art. No.	Weight
Mounting accessories			
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794	300 g

Spare Parts				
Figure	Description	Product Type	Art. No.	Weight
Spare PCB assembly kit				
	PCB YA60 115 to 230 V AC	YA60	209515	100 g
	PCB YA60/C 24 V DC	YA60	222969	62 g

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Sheet steel mounting bracket supplied as standard.

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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

