



- Horn: Omnidirectional/max. 110 dB(A)
- Type of protection: Ex d
- Class: IP 66/67 (IEC 60529/NEMA 4X)
- Robust aluminium enclosure (powder-coated)
- Individual sound selection via DIL switch for each sound level
- Mounting bracket included
- 32 standardised preconfigured signal sounds (PFEER/UKOOA compatible)
- 2 independent signal channel sounds can be chosen
- Telephone system connection optionally available to order

E5

WebCode YA60A



Product series YA60 is designed to provide a 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 panel signal, intended for use in hazardous areas or harsh environments.

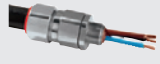


	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

	NEC 500 CEC Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Installation in	•	•	•	•	•	

	CEC Section 18					
	NEC® 505			NEC® 506		
	Class I					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table						
Certificates ATEX (BAS), Canada / USA (UL), IECEX (BAS)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight	kg
115 V	–	0.11 A (T4)	YA60/B/L/UL	205204	5.400	
230 V	–	0.055 A (T4)	YA60/B/N/UL	207054	5.400	
–	24 V	0.35 A (T4)	YA60/B/D/UL	205202	5.400	
Certificates ATEX (BAS), EAC (TehnoP), India (PESO), Russian Federation (TPB SER)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight	kg
115 V	–	0.11 A (T6)	YA60/C/L/RU	212395	5.400	
230 V	–	0.055 A (T6)	YA60/C/N/RU	212396	5.400	
–	24 V	0.35 A (T6)	YA60/C/D/RU	205198	5.400	
Certificates ATEX (BAS), IECEX (BAS), India (PESO), Korea (KTL), Taiwan (ITRI)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight	kg
115 V	–	0.11 A (T6)	YA60/C/L/EU	205199	5.400	
230 V	–	0.055 A (T6)	YA60/C/N/EU	205200 ▲	5.400	
–	24 V	0.35 A (T6)	YA60/C/D/EU	205191 ▲	5.000	
Further variations in gas group and voltage are available, please use the selection table on the internet at r-stahl.com. WebCode YA60A						

Technical Data			
Variant	YA60 / C / . / EU	YA60 / C / . / RU	YA60 / B / . / UL
Explosion Protection			
Ambient temperature °C	-20 ... +40 °C	-20 ... +40 °C	-20 ... +60 °C
IECEx dust explosion protection	Ex tb IIIC T85 °C ... T135 °C Db	Ex tb IIIC T85 °C ... T135 °C Db	Ex tb IIIC T135 °C Db
IECEx gas explosion protection	Ex d IIB+H2 T6/T4 Gb	Ex d IIB+H2 T6/T4 Gb	Ex d IIB+H2 T4 Gb
ATEX gas explosion protection	Ⓔ II 2 G Ex d IIB+H2 T6/T4 Gb	Ⓔ II 2 G Ex d IIB+H2 T6/T4 Gb	Ⓔ II 2 G Ex d IIB+H2 T4 Gb
ATEX dust explosion protection	Ⓔ II 2 D Ex tb IIIC T85 °C ... T135 °C Db	Ⓔ II 2 D Ex tb IIIC T85 °C ... T135 °C Db	Ⓔ II 2 D Ex tb IIIC T135 °C Db
EAC gas explosion protection		Ⓔ 1 Ex d IIB+H2 T4 Gb X Ⓔ 1 Ex d IIB+H2 T6 Gb X	
EAC dust explosion protection		Ⓔ Ex tb IIIC T135 °C Db X Ⓔ Ex tb IIIC T85 °C Db X	
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
Ship approval	ABS		
Electrical Data			
Tolerance	-10 – 10 %	-10 – 10 %	-10 – 10 %
Acoustic Data			
Sound pressure level	max. 110 dB(A) @ 1 m	max. 110 dB(A) @ 1 m	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch	Via DIL switch	Via DIL switch
Number of stages	2	2	2
Ambient Conditions			
Ambient temperature	-20 °C ... +40 °C (T6) -20 °C ... +60 °C (T4)	-20 °C ... +40 °C (T6) -20 °C ... +60 °C (T4)	-20 °C ... +60 °C (T4)
Mechanical Data			
Degree of protection IP (IEC 60529)	IP66	IP66	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant	Aluminium, powder-coated, Seawater-resistant	Aluminium, powder-coated, Seawater-resistant
Trumpet material	ABS, flame retardant	ABS, flame retardant	ABS, flame retardant
Connection terminals solid max.	2.5 mm ²	2.5 mm ²	2.5 mm ²
Connection terminals finely-stranded max.	2.5 mm ²	2.5 mm ²	2.5 mm ²
Enclosure colour	red normal	red normal	Red (RAL 3001)
Mounting / Installation			
Material mounting parts	Sheet steel, powder-coated	Sheet steel, powder-coated	Sheet steel, powder-coated
Components			
Drilled holes	2 x M20	2 x M20	2 x M20
Cable entries	Can be ordered as accessories	Can be ordered as accessories	Can be ordered as accessories
Stopping plug	1 x M20 x 1.5 1 x dust cap	1 x M20 x 1.5 1 x dust cap	1 x 1/2" NPT 1 x dust cap 2 x adapters M20x1/2"NPT
Stopping plug material	Brass	Brass	Brass
You can find more technical data online at r-stahl.com . WebCode YA60A			

Accessories			
Figure	Description	Art. No.	Weight kg
Cable glands made of metal			
	Ex d & Ex e Compound barrier cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass)	109428 ▲	0.240
	Ex d & Ex e Compound barrier cable gland for all types of unarmoured and braid armour cables (nickel plated brass)	109441 ▲	0.200
Mounting accessories			
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794	0.400

Mounting bracket supplied as standard.

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

