Industrial Audible Signal 120 dB (A)

Series YA80 Super





- > Max sound output 120 db (A) / 1 m
- > IP65 rated as standard
- > 32 selectable tones meeting international regulations
- > Flame retardant ABS enclosure
- > Stainless steel fixings
- > 2 stage alarm
- Idependently selectable second stage
- Sound selection via 5 way DIL switch
- > Low current consumption
- Robust, reliable and simple to install





14594E00

Yodalarm range 120 dB multi-purpose audible signalling device designed for use in industrial applications.

Approvals

Approvais		
Certificates	CUL US	UL 464
	CUL US	C22.2 No. 205-M1983
	C € 0086-CPD-96705	BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A 2 : 2006
	₩	BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A2 : 2006
	KM 91259	

Signalling Devices

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Selection Table

Version	Enclosure colour	Rated operational voltage	Туре	Art. no.	Weight
	(55)	041450	\\\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.		kg
YA80 Super Sounder, BS EN 54-3, standard devices	red flame (RF)	24 V DC	YA80/D/RF/SU/WR	204404	2.900
		115 V AC	YA80/L/RF/SU/WR	204420	3.280
		230 V AC	YA80/N/RF/SU/WR	204434	3.280
YA80 Super Sounder, UL certification	red flame (RF)	24 V DC	YA80/D/RF/SU/UL	204440	2.900
		115 V AC	YA80/L/RF/SU/UL	204442	3.280
		230 V AC	YA80/N/RF/SU/UL	209649	3.280
Note	Other voltages and variants are available. Please contact your local sales office for more details				

	l Data

l echnical Data			
Electrical data			
Rated operational voltage	24 or 48 V DC 115 or 230 V AC		
Current consumption	24 V DC	541 mA	
	230 V AC	74 mA	
		at tone 1	
Operational parameters	+ or - 10% of nominal		
Line monitoring	3 wire, 2 stage or 2 wire, single stage: monitor via reverse polarity 2 wire, 2 stage i.e. bi-polar inputs: monitor via threshold (applied voltage < 1 V)		
Acoustic data			
Volume	max. 120 dB (A)		
Sound stages	2, independently selectable tones		
Sound selection	via DIL switch		
Ambient conditions			
Operating temperature	Standard variants:	-25 +55 °C	
range	UL certified variants:	-35 +66 °C	
Storage temperature	-40 +70 °C		
Max. relative humidity	93% ± 3 at 40 °C		
Mechanical data			
Material			
Enclosure	flame retardant ABS		
Assembly parts	stainless steel fixings		
Labels	polyester foil, adhesive		
Degree of protection	IP65 (IEC60529)		
Mounting / Installation			
Assembly	Should be mounted to a reasonably flat wall or bulkhead of suitable material using the lugs projecting from the side of the case. The lugs are bored 10 mm on 250 mm centres. The minimum recommended length of fixing screws is 30 mm. To maintain the integrity of the weather seal, the cable entry must be fitted using a suitable sealed gland.		
Connection	V DC variants separate input and output 2,5mm² terminals V AC variants 2,5mm² terminals		

E5/2 Signalling Devices 2014-08-29-EK00-III-de

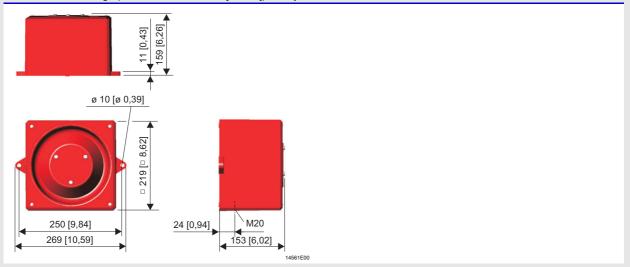
Ξ5

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



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.