

Industrial Audible Signal - 106 dB (A) Series YA40



- > Max sound output
106 db (A) / 1 m
- > IP65 rated as standard
- > 32 selectable tones meeting international regulations
- > Flame retardant ABS enclosure
- > Stainless steel fixings
- > 2 stage alarm
- > Multi stage unit with up
8 individually selectable stages is available
- > Complies with BS 5839
- > Low current consumption
- > Robust, reliable and simple to install



14569E00

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

Approvals	
Certificates	
	UL 464
	C22.2 No. 205-M1983
 0086-CPD-96705	BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A 2 : 2006
 KM 91259	BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A 2 : 2006
	VdS 2504 (12/96), VdS 2203 (03/01), VdS 2344 (12/05), Cert No. G28702, VdS approval applies to selected models only. Contact sales for details, DIN EN 54, part 3 (10/01).
Multi stage units do not carry these approvals. They are designed in accordance with BS EN54-3	

WebCode YA40A

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Selection Table

Version	Enclosure colour	Rated operational voltage	Order number	Art. no.	Weight
					kg
YA40 Sounder, , BS EN 54-3, standard devices	red normal (RN)	24 V DC	YA40/D/RN/WR	204330	0.250
		115 V AC	YA40/L/RN/WR	204354	0.350
		230 V AC	YA40/N/RN/WR	204364	0.350
YA40 Sounder, UL certification	red normal (RN)	24 V DC	YA40/D/RN/UL	204869	0.250
		115 V AC	YA40/L/RN/UL	211983	0.350
		230 V AC	YA40/N/RN/UL	211984	0.350
YA40 Sounder, VDS certification	red normal (RN)	24 V DC	YA40/D/RN/WR/VDS	211985	0.250
YA40 Multi stage unit	red normal (RN)	24 V DC	YA40/D/RN/WR/MS	212362	0.250
Note Other voltages and variants are available. Please contact your local sales office for more details					

Technical Data

Electrical data

Rated operational voltage	standard: 12, 24 or 48 V DC 115 or 230 V AC $\pm 10\%$ 12 V DC versions will produce approx. 6 dB less output multi stage unit: 24 V DC $\pm 10\%$
Current consumption	24 V DC - 35 mA* 115 V AC - 25 mA* 230 V AC - 13 mA* * at tone 1 ** Voltages do not apply to multi stage units
Line monitoring	line monitoring excludes additional voltage options: • 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) multi stage unit: 2 wire polarised, single stage: monitor via reverse polarity

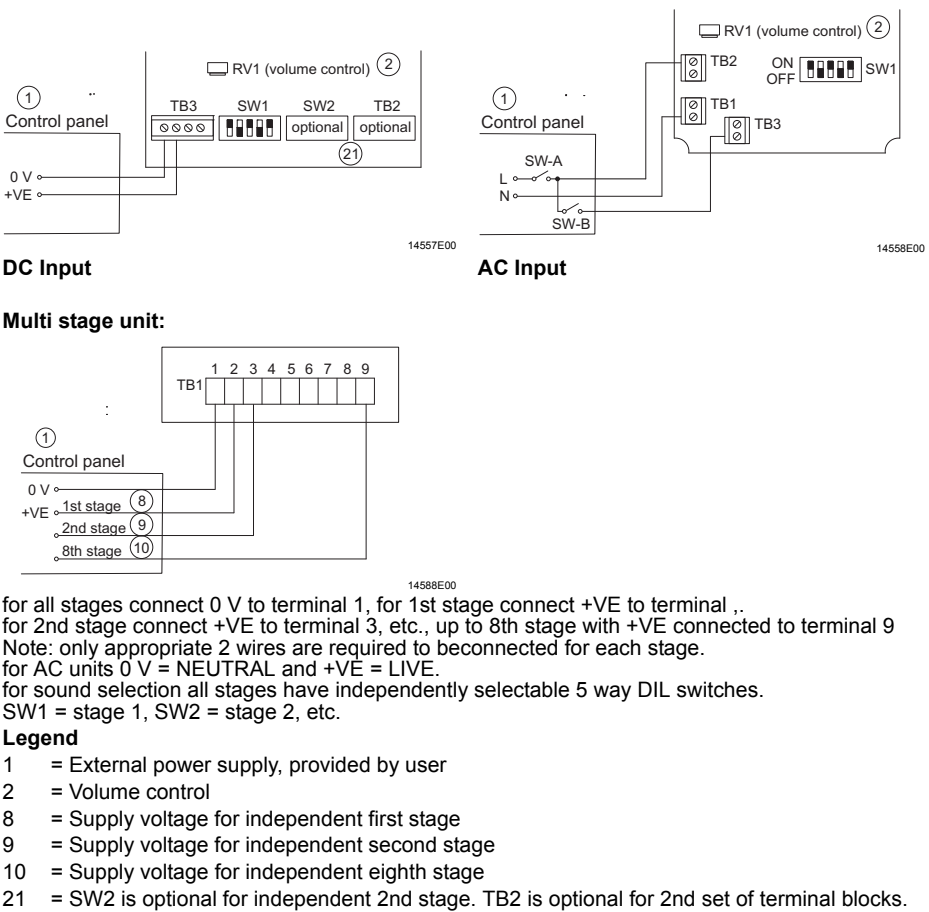
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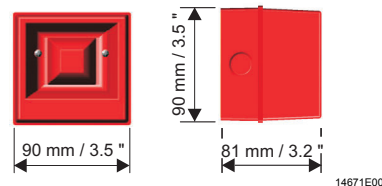
Technical Data

Schematic



Acoustic data	
Volume	106 db (A) / 1 m
Sound selection	volume control allowing 18 db (A) adjustment via DIL switch Optional independent 2nd stage via second DIL switch (DC only) (not for multi stage unit)
Ambient conditions	
Operating temperature range	UL: - 35 ... + 66 °C EN 54-3: - 25 ... + 55 °C VdS: - 25 ... + 40 °C
Storage temperature	- 40 ... + 70 °C
Max. relative humidity	95 % at 40 °C
Mechanical data	
Material	
Enclosure	ABS, flame retardant
Degree of protection	IP 65 standard on all units
Assembly / Installation	
Assembly	Should be mounted to a reasonably flat wall or bulkhead of suitable material using the internal fixing holes. The recommended fixing screws are dia. 4.5 mm max. x 20 mm long. To maintain the integrity of the weather seal, the cable entry must be fitted using a suitable sealed gland.

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.