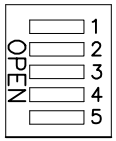
SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE	220	Vac
OPERATING VOLTAGE RANGE	110 ~ 220	Vac 50/60 Hz
TONE OUTPUT	SEE 32 TONE CHART	–
RATED CURRENT	SEE 32 TONE CHART	mA
INGRESS PROTECTION	IP54 (4)	–
COLOR	WHITE	–
OPERATING TEMPERATURE	−25 ~ +70	˚C
HOUSING MATERIAL	ABS	–
TERMINAL MATERIAL	SCREW	–
WEIGHT	282	grams

DETAIL "A"



1=CLOSED
0=OPEN

DETAIL "B"

VOLUME CONTROL

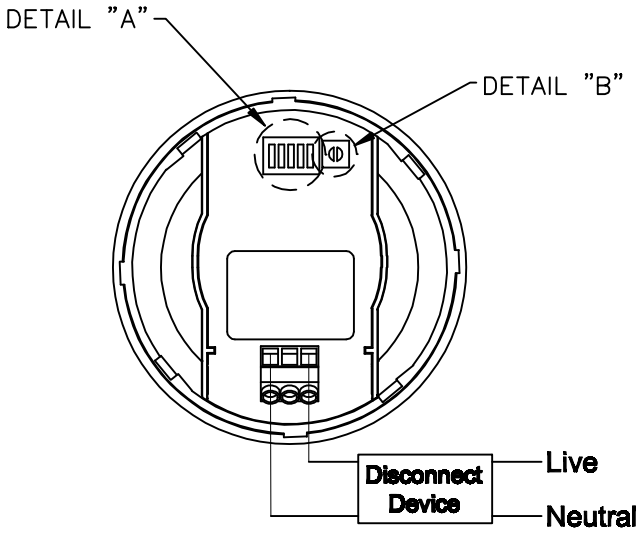
MAX

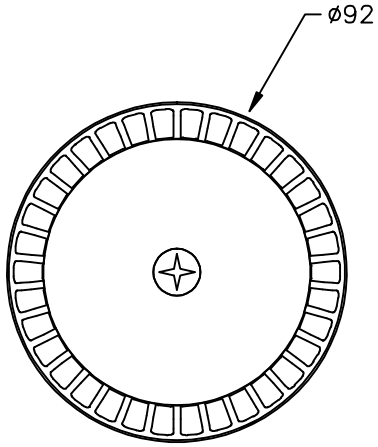
OPTIONAL BASES
DEEP BASE: AWA−DBW
U BASE: AWA−UBW
120Vac BASE: AWA−DBW−120

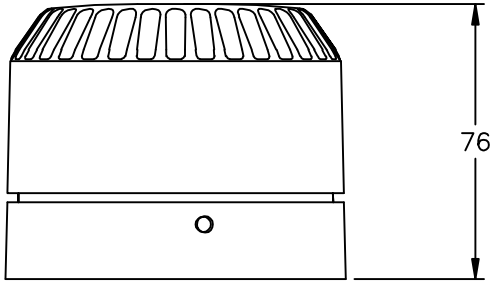
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATION SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
3. THIS PART IS RoHS 2002/95/EC COMPLIANT.
4. IP65 WITH USE OF AWA−DBW, AWA−DBW−120, OR AWA−UBW BASE.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
–	RELEASED FROM ENGINEERING	12/8/05	
A	ADDED BASE & RoHS NOTES	5/18/07	R.W.







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.5 AND ANGLES ARE ±3˚.

APPROVALS		DATE
DRAWN	J.A.F.	12/05
CHECKED	E.P.	12/05
APPROVED	B.R.	12/05

DO NOT SCALE DRAWING

FILE NAME
AW−15SBW−120.DWG

projects ® unlimited Dayton , Ohio

SIREN

SIZE A

DRAWING NO.
AW−15SBW−120

SCALE: N.T.S.

SHEET 1 OF 1

Primary tone	Secondary tone	Switch setting	Tone description				Main Application	AW-15 VAC	
								230 Vac	*230 Vac on axis @1M
		12345	Pattern	Frequency Hz	Rate	Depiction		mA	dB(A)
1	14	11111	Alternating	800 & 970	2Hz (250ms-250ms)		BS Fire tone	<30	100
2	14	11110	Sweep	800 to 970	7Hz (7/s)		BS Fire tone	<30	101
3	36	11101	Sweep	800 to 970	1Hz (1/s)		BS Fire tone	<30	102
4	14	11100	Continuous	2850	Steady			<30	106
5	4	11011	Sweep	2400 to 2850	7Hz			<30	108
6	4	11010	Sweep	2400 to 2850	1Hz			<30	110
7	14	11001	Slow whoop	300 to 1200	3s sweep, 0.5 s silence, then repeat		Dutch Fire tone	<30	101
8	14	11000	Sweep (DIN)	1200 to 500	1Hz		Din tone	<30	100
9	4	10111	Alternating	2400 & 2850	2Hz (250ms-250ms)			<30	106
10	14	10110	Intermittent	970	0.5Hz (1s On/1s Off)			<30	100
11	14	10101	Alternating	800 & 970	1Hz (500ms-500ms)		BS Fire tone	<30	100
12	4	10100	Intermittent	2850	0.5Hz (1s On/1s Off)			<30	106
13	14	10011	Intermittent	970	0.8Hz (250ms On/1s Off)			<30	99
14	14	10010	Continuous	970	Steady		BS Fire tone	<30	100
15	14	10001	Alternating	554 & 440	100ms-400ms		French fire tone	<30	95
16	16	10000	Intermittent	660	3.3Hz (150ms On/150msOff)		Swedish fire tone	<30	91
17	17	01111	Intermittent	660	0.28Hz(1.8s On/1.8s Off)		Swedish fire tone	<30	91
18	18	01110	Intermittent	660	0.05Hz (13s Off / 6.5Hz On)		Swedish fire tone	<30	91
19	19	01101	Continuous	660	Steady		Swedish fire tone	<30	91
20	20	01100	Alternating	554 & 440	0.5Hz (1s On/1s Off)		Swedish fire tone	<30	97
21	21	01011	Intermittent	660	1Hz (500ms-500ms)		Swedish fire tone	<30	91
22	14	01010	Intermittent	2850	4Hz (150ms On/100ms Off)		Pelican crossing	<30	107
23	14	01001	Sweep	800 to 970	50Hz		BS Fire tone	<30	100
24	4	01000	Sweep	2400 to 2850	50Hz			<30	108
25	25	00111	Intermittent	970	3 x 500ms pulses followed by 1.5s silence then repeat		ISO 8201	<30	100
26	26	00110	Intermittent	2850	3 x 500ms pulses followed by 1.5s silence then repeat		ISO 8201	<30	106
27	27	00101	Continuous	4000	Steady			<30	83
28	10	00100	Alternating	800 & 970	2Hz (250ms-250ms)		BS Fire tone	<30	99
29	33	00011	Alternating	990 & 650	2Hz (250ms-250ms) (Symphoni tones)		BS Fire tone	<30	99
30	36	00010	Alternating	510 & 610	2Hz (250ms-250ms) (Squashni Micro tones)		BS Fire tone	<30	95
31	31	00001	Sweep	300 to 1200	1Hz			<30	98
32	32	00000	Continuous	4000	Steady			<30	83

Note (a): Tones approved under the Construction Products Directive for Fire Alarm Applications, are shown in the column marked EN54-3.
Note (b): EN54-3 measurements shown reflect minimum expected SPL readings at Maximum Volume at the Loudest Point around the EN54-3 defined sounder axis.
Note (c): All other tone measurements reflect manufacturers data based on 'on axis' measurements, and are not verified by a Notified body.
Note (d): All measurements taken at 20oC operating temperature.