

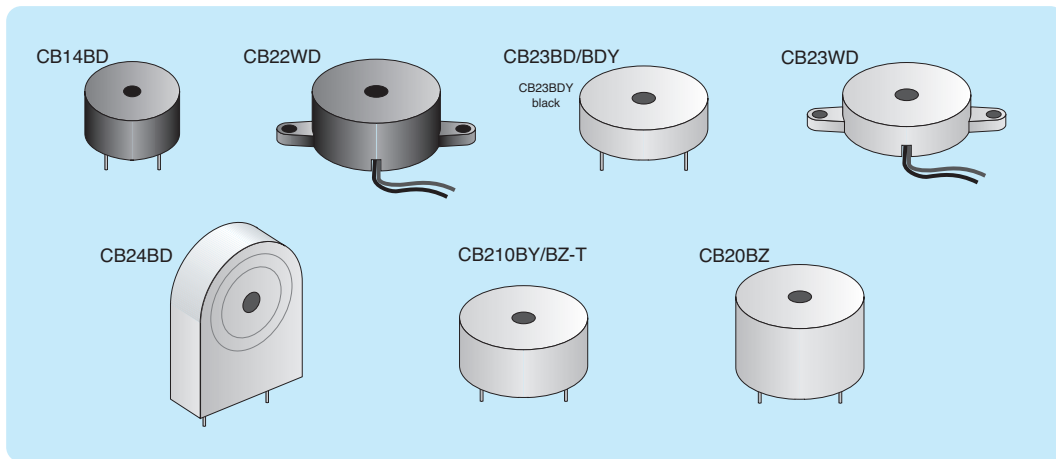
SOUNDERS
(built-in drive)

A wide range of piezo sounders, each with a built-in drive circuit, for direct operation from low voltage dc supplies. High pitched sound output and low power consumption. Offer a varied choice of popular styles and mounting, separated into two size groups. All types have continuous single tone output unless otherwise stated.

PCB MOUNTING/WIRE CONNECTION

Size 14 to 24mm

Choice of size, profile and pitch where appropriate. Body colour **Cream** except CB14BD, CB22WD and CB23BDY which are **Black**. CB24BD is a tombstone shape, vertical mounting sounder which occupies a minimum of board space. The CB210BZ-T series has internal surface mount construction for higher reliability, a sealed and washable body and an option of operating voltage.



Specification	CB14BD	CB22WD	CB23BD/WD	CB23BDY	CB24BD	CB210BY/BZ-T		CB20BZ	
Rated voltage	12	12	12	12	12	12	24	12	Vdc
Supply voltage range	6 - 16	3 - 15	3 - 24	3 - 15	3 - 24	3 - 15	15 - 24	3 - 24	Vdc
Current	8 max.	4.5	5	5	5	10 max		5	mA
Sound output at 30cm	85*	85	75	75	75	85		75	dB
Frequency	4000	4000	4000	4000	3500	3800		3500	Hz
Oper. temp. range	-20, +60	-10, +60	-20, +70	-20, +105	-20, +70	-20, +110		-20, +70	°C

* at 10cm

Dimensions (mm)	CB14BD	CB22WD	CB23BD/BDY	CB23WD	CB24BD	CB210BY/BZ-T	CB20BZ
Body Dia.	14.1	22	23.4	23.4	23.4 [†]	24	24
H.	8	11.5	7	7	32	11	16
FC.	-	26.5	-	29	-	-	-
Pin pitch	7.62	-	17.5/15	-	17.5	15/17.5	15

[†] figure indicates width. Depth 6.5

Size (dia.)	Profile (height)	Type	Rated Voltage	Body Colour	Manf. Part No. & Anglia Order Code
14.1mm	8mm	PCB pins	12Vdc	Black	CB14BD
22mm	11.5mm	Wire leads	12Vdc	Black	CB22WD
23.4mm	7mm	PCB pins (17.5mm pitch)	12Vdc	Cream	CB23BD
23.4mm	7mm	PCB pins (15mm pitch) (washable)	12Vdc	Black	CB23BDY
23.4mm	7mm	Wire leads	12Vdc	Cream	CB23WD
23.4mm width tombstone	32mm	PCB pins	12Vdc	Cream	CB24BD
24mm	11mm	PCB pins (15mm pitch) (washable)	12Vdc	Cream	CB210BY12T
24mm	11mm	PCB pins (17.5mm pitch) (washable)	12Vdc	Cream	CB210BZ12T
24mm	11mm	PCB pins (17.5mm pitch) (washable)	24Vdc	Cream	CB210BZ24T
24mm	16mm	PCB pins	12Vdc	Cream	CB20BZ

Size 28 to 40mm

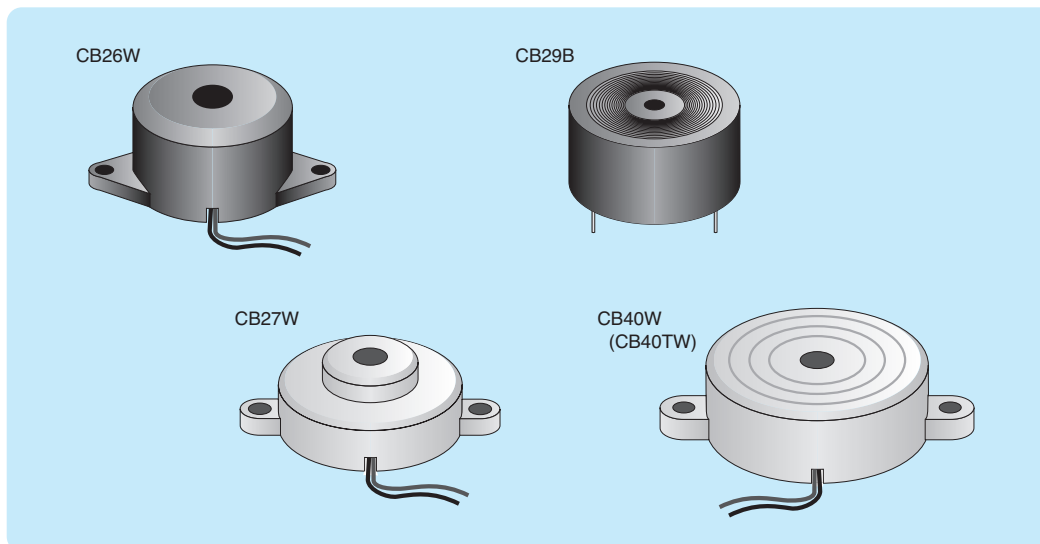
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SOUNDERS *continued*
(built-in drive)

PCB MOUNTING/WIRE CONNECTION

Size 28 to 40mm

Choice of size/profile. Body colour either **Black** (CB26W, CB29B) or **Cream** (CB27W, CB40W/TW). The 40mm size is also available with an additional trigger lead, both versions having flame retardant bodies to UL94V-0.



Specification	CB26W	CB29B	CB27W	CB40W/TW	
Rated voltage	9	12	12	12	Vdc
Supply voltage range	3 - 12	3 - 15	3 - 30	3 - 24	Vdc
Current	35	10	10	18	mA
Sound output at 50cm	92	90*	90	100†	dB
Frequency	2600	2000	2700	2800	Hz
Oper. temp. range	-20, +70	-10, +60	-40, +70	-20, +60	°C

* at 30cm

† at 100cm

Dimensions (mm)	CB26W	CB29B	CB27W	CB40W/TW
Body Dia.	28	30	32.2	40
H.	20	18	13.9	16
FC.	34	-	38	50
Pin pitch	-	15	-	-

Size (dia.)	Profile (height)	Type	Rated Voltage	Body Colour	Manf. Part No. & Anglia Order code
28mm	20mm	Wire leads	9Vdc	Black	CB26W
30mm	18mm	PCB pins	12Vdc	Black	CB29B
32.2mm	13.9mm	Wire leads	12Vdc	Cream	CB27W
40mm	16mm	Wire leads	12Vdc	Cream	CB40W
TRIGGERED					
40mm	16mm	Wire leads	12Vdc	Cream	CB40TW