



Battery Holders

Manufactured from quality moulding and metal components to ensure a secure and reliable connection, Bulgin's battery holder range caters for battery sizes 1/2AA, AAA(R03), AA(R6), C(R14), D(R20) and PP3(6R61), accommodating 1, 2, 3 or 4 cells.

There's a choice of fixing styles including screw and flange panel fixing, PCB and base mounting versions.

Panel mounting versions are now available in two styles: standard fixing and panel sealed to IP67, extending the applications into harsher external environments where dust or water would inhibit equipment operation.

The open frame styles are designed to be either PCB or base mounted and most have an interlocking facility to join adjacent holders together.

Principle applications include portable equipment and memory back-up.

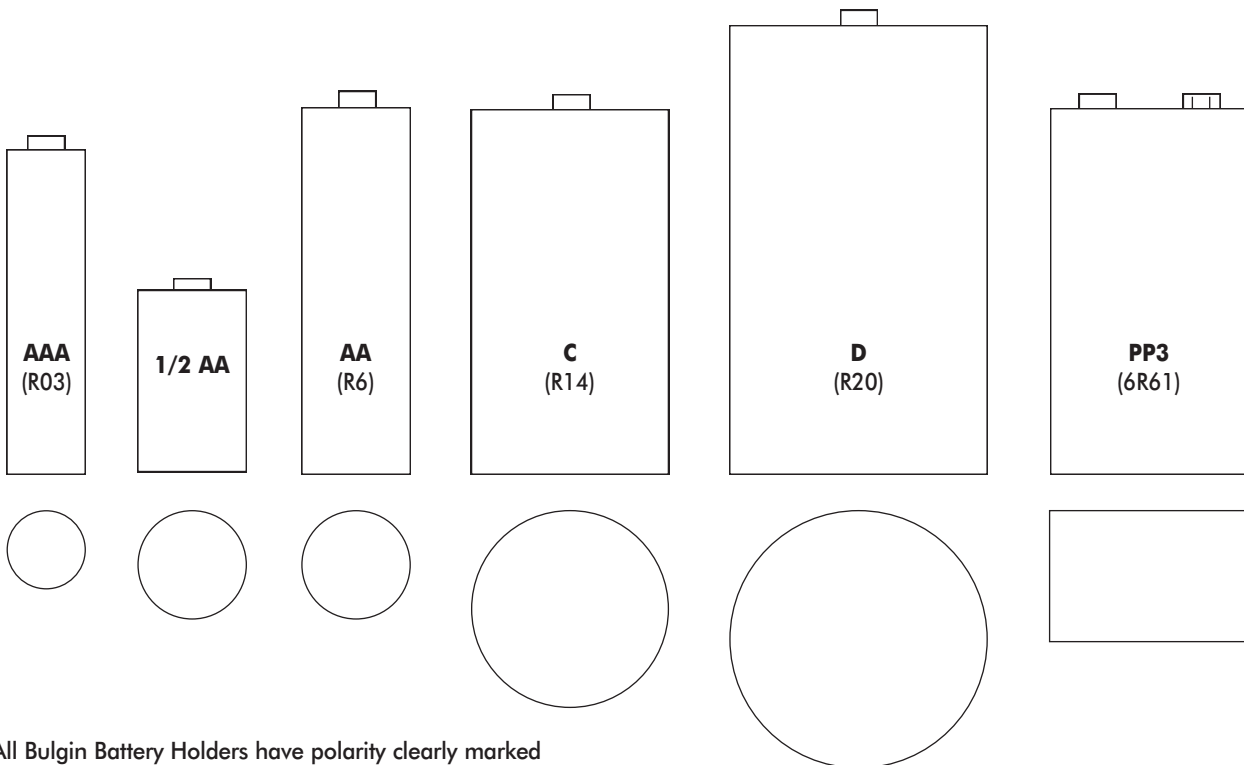
Type	Cell Size	Page
Panel Mounting (sealed to IP67)		
BXS011/1-BXS013/1	AA	9
BXS001/1-BXS003/1	C	9
BXS016-BXS018	D	9
Panel Mounting		
BX0011/1-BX0013/1	AA	10
BX0027	AA	10
BX0001/1-BX0003/1	C	10
BX0016-BX0018	D	11
BX0023	PP3	11
BX0026	PP3	11
PC/Base Mounting		
BX0031	1/2AA	12
BX0034	AAA	12
BX0035	AA	12
BX0036	C	13
BX0037	D	13
BX0033	PP3	13

Battery Holder Selector

Maximum Battery Size to BSEN 60086-1 and -2

Battery size	Battery Dimensions	No. of Cells	Mounting	Part No.
1/2AA	Ø14.9 x 25.1	1	PCB/Base	BX0031
AAA (R03)	Ø10.5 x 44.5	1	PCB/Base	BX0034
AA (R6)	Ø14.5 x 50.5	1	PCB/Base	BX0035
		1	Panel	BX0011/1
		2	Panel	BX0012/1
		3	Panel	BX0013/1
		4	Panel	BX0027
		1	Panel Sealed	BXS011/1
		2	Panel Sealed	BXS012/1
		3	Panel Sealed	BXS013/1
		C (R14)	Ø26.2 x 50	1
1	Panel			BX0001/1
2	Panel			BX0002/1
3	Panel			BX0003/1
1	Panel Sealed			BXS001/1
2	Panel Sealed			BXS002/1
3	Panel Sealed			BXS003/1
D (R20)	Ø34.2 x 61.5	1	PCB/Base	BX0037
		1	Panel	BX0016
		2	Panel	BX0017
		3	Panel	BX0018
		1	Panel Sealed	BXS016
		2	Panel Sealed	BXS017
		3	Panel Sealed	BXS018
PP3 (6R61)	W26.5 x D17.5 x H48.5	1	PCB/Base	BX0033
		1	Panel	BX0023
		2	Panel	BX0026

Note: As batteries from different manufacturers may vary slightly in size, Dimensions & Drawings are approximate only.



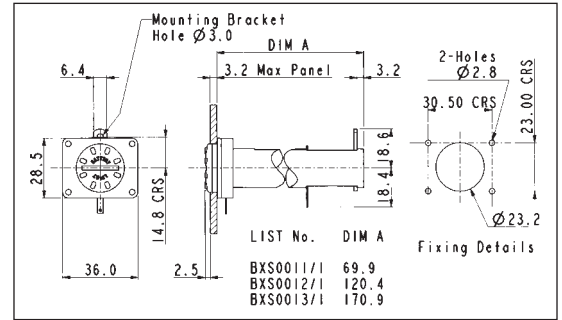
Front panel sealed to IP67

AA SIZE BATTERY HOLDER



BXS011/1

- 1, 2 or 3 Cells
- Flanged Panel Mount
- Bayonet with finger/coin slot release
- Supplied with gasket and sealing grommets for screws

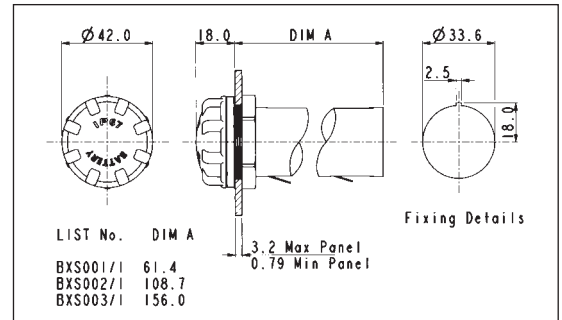


C SIZE BATTERY HOLDER



BXS001/1

- 1, 2 or 3 Cells
- Panel Mount
- Screw Cap/Hand release
- Supplied with gasket

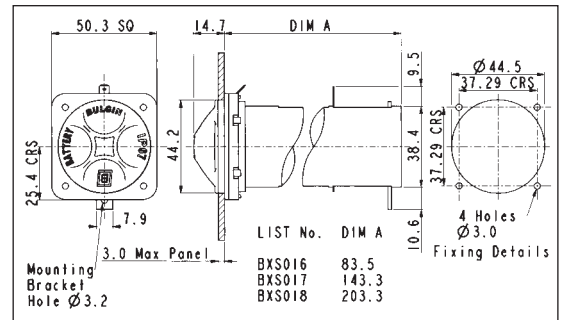


D SIZE BATTERY HOLDER



BXS016

- 1, 2 or 3 Cells
- Flanged Panel Mount
- Bayonet/finger release
- Supplied with flange gasket and sealing grommets for screws



Specification	BXS011/1, BXS012/1, BXS013/1	BXS001/1, BXS002/1, BXS003/1	BXS016, BXS017, BXS018
Battery/Cell Type:	AA (R6)	C (R14)	D (R20)
No. Cells:	BXS011/1 - 1 cell BXS012/1 - 2 cells BXS013/1 - 3 cells	BXS001/1 - 1 cell BXS002/1 - 2 cells BXS003/1 - 3 cells	BXS016 - 1 cell BXS017 - 2 cells BXS018 - 3 cells
Terminations:	2.8 series tabs/solder tags	2.8 series tabs/solder tags	4.8 series tabs/solder tags
Operating Temperature:	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C
Mouldings:	Nylon Glass filled Polyester Polycarbonate	Nylon Glass filled Polyester	Nylon Glass filled Polyester
Flammability Rating:	UL94V-0	UL94V-0	UL94V-0
Contacts:	Brass, Tin Plated - rear contact Nickel Silver, clean - front contact and cap contact plate	Brass, Tin Plated - front and rear contacts Nickel Silver, clean - cap contact plate	Brass, Nickel Plated - front and rear contacts and cap contact plate
Features:	Bayonet cap with finger grip and coin slot Rear support bracket	Screw on cap with finger grip Recommended torque for panel ring 1.13-1.7Nm (10-15lbf.in)	Bayonet cap with finger grip Rear support bracket
Sealing (front of panel):	Protection classification IP67, BS60529:1992	Protection classification IP67, BS60529:1992	Protection classification IP67, BS60529:1992
Notes:	Recommend 2 & 3 cell versions are supported by rear bracket		Recommend 2 & 3 cell versions are supported by rear bracket