

Power Control Box

Standard cage side control box for power applications

The cage side box is a simple, robust, cost effective and extremely safe way to provide power and signal to electrical appliances (this could consist of underwater lights, cameras, mains appliances etc).

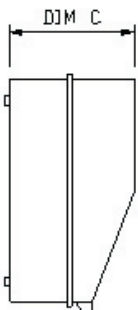
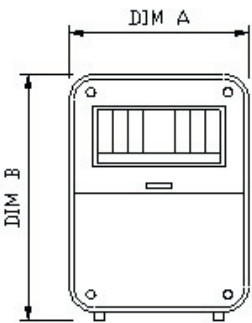
Cage side boxes can be manufactured to a particular specification although the BGB standard range is of 1, 2, 3 or 4 way combination units for providing power to our Pisces luminaires. The boxes are sealed to I.P66 allowing them to operate in brutal weather conditions for a prolonged period of time. Quick connection & disconnection plugs also make the boxes user friendly to install or isolate for maintenance. The unit also comes with a lockable front panel for added security.

The hardware of the boxes consists of an I.P66 receptacle (for power sockets each will need to be protected by a 30mA RCBO. This provides circuit protection and prevention against electrical shock). BGB can supply the boxes completely wired to the latest regulations or as a development kit for the user to wire the boxes independently.

Every receptacle on the cage side control box will be protected by the relevant 30mA RCBO unless the customer requires the box as a development kit (development kit is the control box without the internal wiring & RCBO's).

SPECIFICATION

- > I.P. Rating 66 (Completely protected against dust and prolonged effects of immersion under water).
- > ISO Metrics Entries M20 or M25 gland entries (depending on current voltage) for inputting power feeds to the control boxes.
- > RCBO 30mA sensitivity.



No. of Receptacles Per Cage Side Box	Amperes (A)	Volts (V) 50-60Hz	Ways Per Receptacle	Dim A	Dim B	Dim C
1 x Receptacle	16	110	2P + E	121.5	452	146
		240	2P + E	121.5	452	146
2 x Receptacles	16	110	2P + E	121.5	452	146
		240	2P + E	121.5	452	146
3 x Receptacles	16	110	2P + E	239	456	160
		240	2P + E	239	456	160
4 x Receptacles	16	110	2P + E	239	456	160
		240	2P + E	239	456	160