

ELSEMA CASES

Elsema Pty Ltd certifies that its **C160**, complies to the CEI EN 60529 regulation. The C160 box for control units has an IP 5X dusts resistance rating and an IP X4 liquid resistance rating.

The box is with **IP 54** rating certified according to the tests carried out by the Intek S.P.A. laboratories.

C160



PVC Plastic Box 160 x 110 x 70mm Weatherproof
Rating IP 54 (Refer to the table below)

Elsema Pty Ltd certifies that its **C200**, complies to the CEI EN 60529 regulation. The C200 box for control units has an IP 5X dusts resistance rating and an IP X5 liquid resistance rating.

The box is with **IP 55** rating certified according to the tests carried out by the Intek S.P.A. laboratories.

C200



PVC Plastic Box 200 x 150 x 85mm Weatherproof
Rating IP 55 (Refer to the table below)

C220

ABS Plastic Box 220 x 200 x 75mm no battery stud

C220S

ABS Plastic Box 220 x 200 x 75mm with battery stud.

Elsema Pty Ltd certifies that its **C230**, complies to the CEI EN 60529 regulation.
The C230 box for control units has an IP 5X dusts resistance rating and an IP X4 liquid resistance rating.
The box is with **IP 54** rating certified according to the tests carried out by the
Intek S.P.A. laboratories.

C230



PVC Plastic Box 230 x 180 x 90mm Weatherproof
Rating IP 54 (*Refer to the table below*)

Elsema Pty Ltd certifies that its **C350**, complies to the CEI EN 60529 regulation.
The C350 box for control units has an IP 5X dusts resistance rating and an IP X4 liquid resistance rating.
The box is with **IP 54** rating certified according to the tests carried out by the
Intek S.P.A. laboratories.

C350



PVC Plastic Box 350 x 250 x 105mm Weatherproof
Rating IP 54 (*Refer to the table below*)

International Protection (IP) Ratings

First number (Protection against solid objects)	Definition	Second number (Protection against liquids)	Definition
0	No protection	0	No protection
1	Protected against solids objects over 50mm (e.g. accidental touch by hands)	1	Protected against vertically falling drops of water
2	Protected against solids objects over 12mm (e.g. fingers)	2	Protected against direct sprays up to 15° from the vertical
3	Protected against solids objects over 2.5mm (e.g. tools and wires)	3	Protected against direct sprays up to 60° from the vertical
4	Protected against solids objects over 1mm (e.g. tools, wires and small wires)	4	Protected against sprays from all directions - limited ingress permitted
5	Protected against dust - limited ingress (no harmful deposit)	5	Protected against low pressure jets if water from all directions - limited ingress permitted
6	Totally protected against dust	6	Protected against strong jets of water e.g. for use on shipdecks - limited ingress permitted
		7	Protected against the effects of temporary immersion between 15cm and 1m. Duration of test 30 minutes
		8	Protected against long periods of immersion under pressure