

AL Series

The enclosures of the AL Series are constructed of cast aluminum material. The enclosure base and cover are connected with pre-mounted, stainless steel cover screws (compatible with both Phillips and straight blade screwdrivers). The foam seal in the key/slot system guarantees an IP65 ingress protection and long lasting service life. A high quality coating covers and protects the enclosure from weather and corrosion. Several international safety certificates insure the overall quality of the AL Series.
The complete series of 16 enclosures ranges from 50 x 45 x 30 mm to 330 x 230 x 110 mm.

The exterior of the enclosure is protected by powder coating (silver-gray - RAL 7001) and combines an elegant appearance with outstanding protection against corrosion.
The enclosure material (Al Si 12) ensures both a high degree of impact resistance (>7Nm, DIN 50014) and continued operation in extreme temperatures.

The advantages of the AL Series include:

- IP65 protection, which is necessary for industry approval.
- High degree of resistance to chemicals and other damaging materials.
- Protection against electromagnetic interference (EMI).

The specially designed AL Series accessories make the AL Enclosures flexible and highly secure.

AL Enclosure Series

by Altech els spelsberg

The external mounting tabs allow for solid and safe wall mounting of the AL Enclosures. The installation of the clamps to the enclosure can be varied up to 90 degrees.

Through the use of external hinges, the covers of the AL Series can be converted into hinged doors. This is especially useful when devices such as push-button systems are integrated into the enclosure. The external hinges, constructed of cast aluminum can be swiveled up to 150 degrees.

With the help of the steel mounting plates, even large and heavy components can be securely mounted. The mounting plates are available from enclosures AL 88-6 and larger.



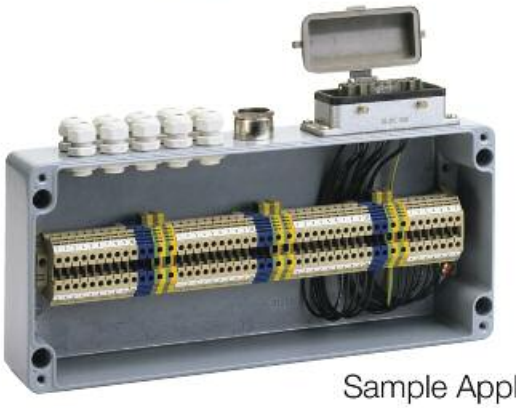
External Hinges*



DIN Rail*

Sample Application





Sample Application

External Mounting Tabs*



* sold separately

AL 55-3 – Aluminum – 50 x 45 mm (1.97 x 1.77 in.)

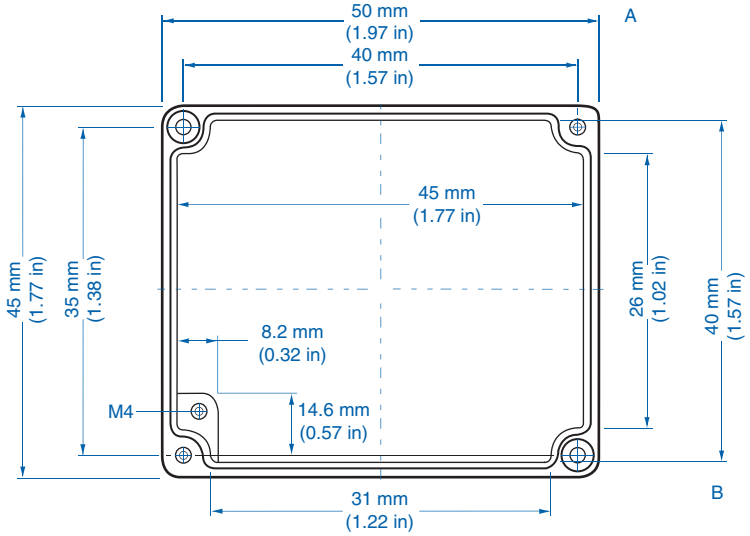
Standard Features

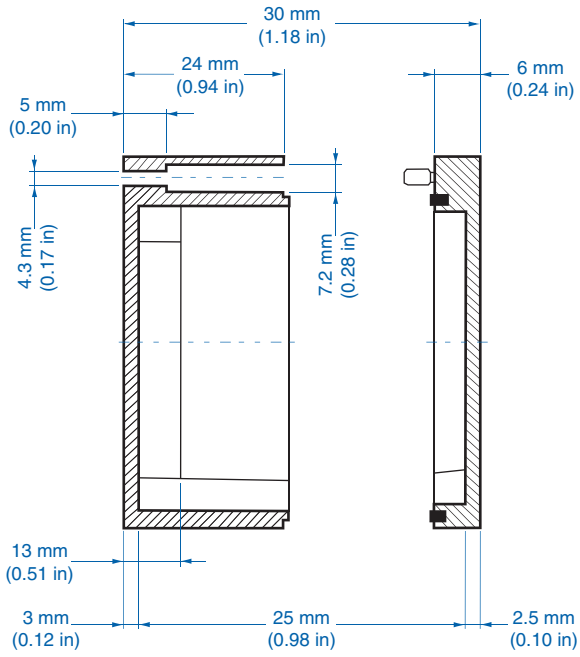
- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



Aluminum

Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-001	AL 55-3	50 mm (1.97 in)	45 mm (1.77 in)	30 mm (1.18 in)	1





Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



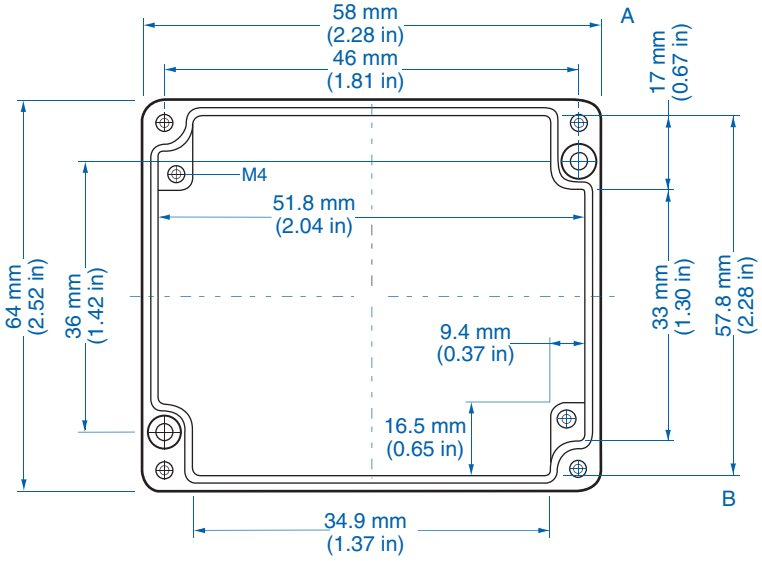
Aluminum

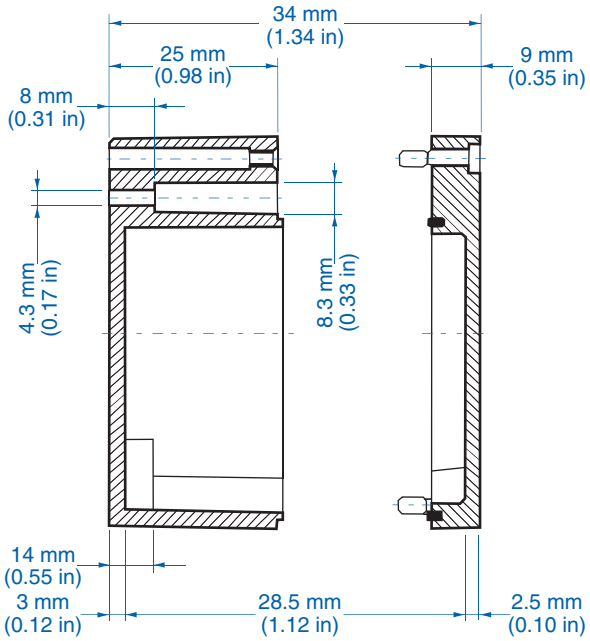
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-002	AL 66-3	64 mm (2.52 in)	58 mm (2.28 in)	34 mm (1.34 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Tab Kit - small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 1006-3 – Aluminum – 98 x 64 mm (3.86 x 2.52 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



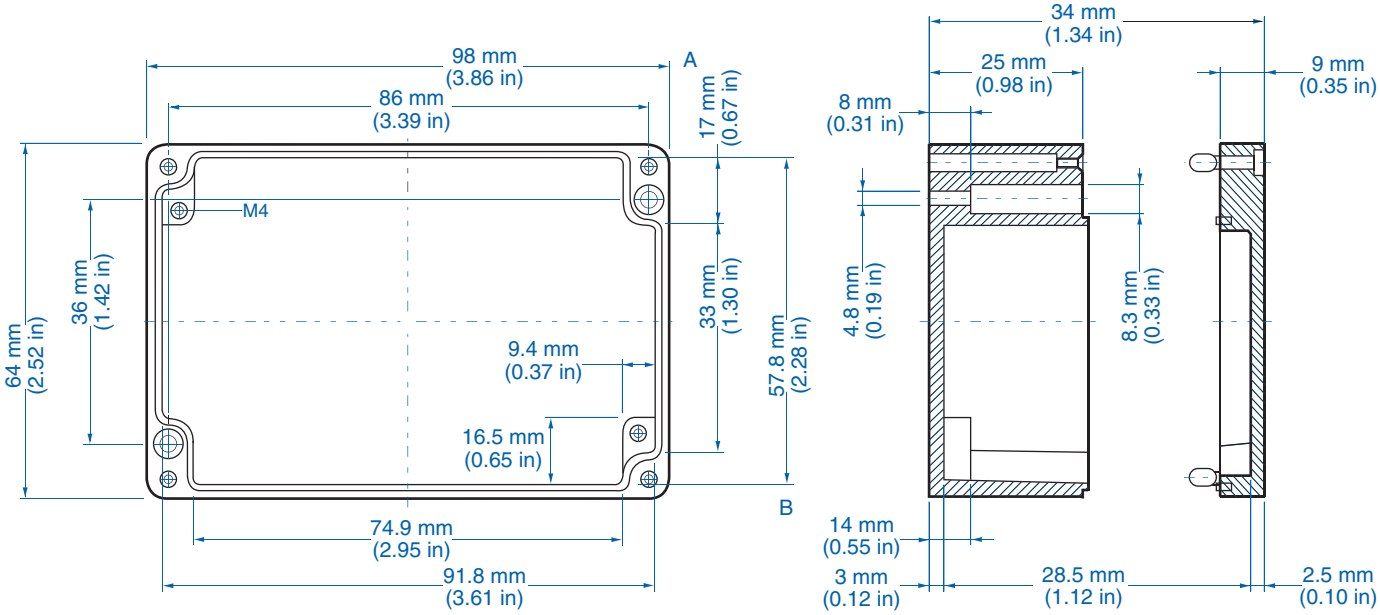
Aluminum

Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-003	AL 1006-3	98 mm (3.86 in)	64 mm (2.52 in)	34 mm (1.34 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Tab Kit - small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.



AL 1506-3 – Aluminum – 150 x 64 mm (5.91 x 2.52 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



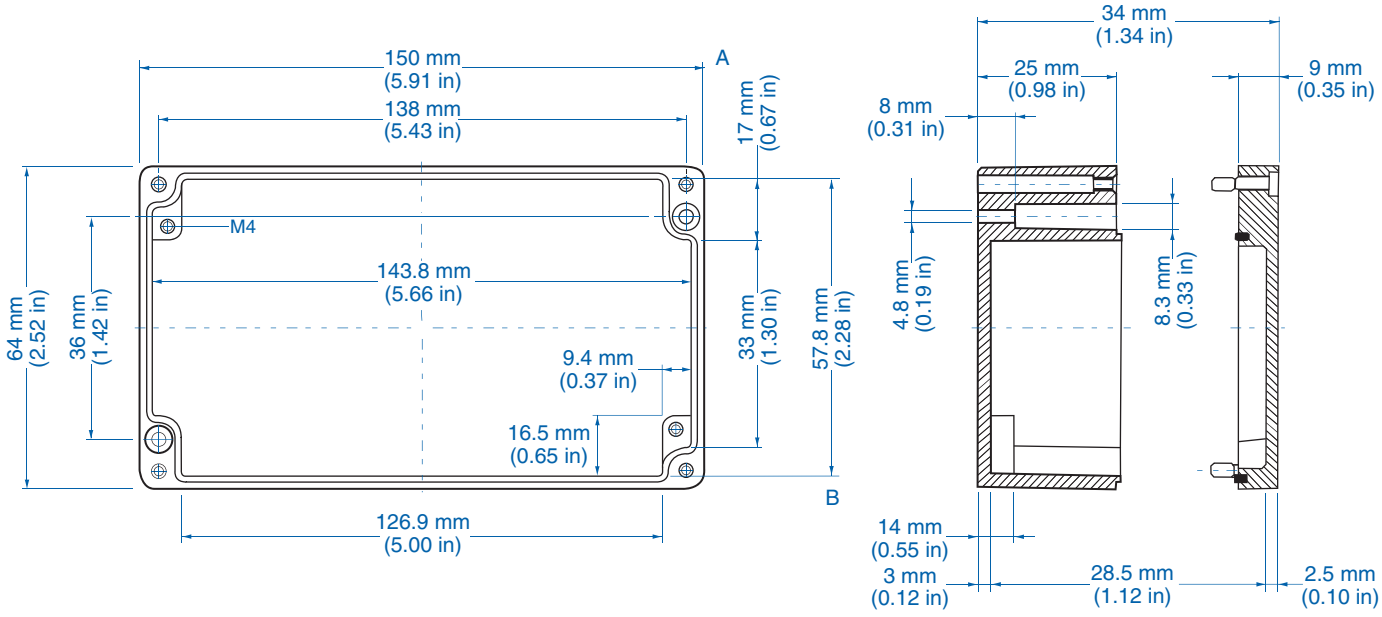
Aluminum

Ordering Information	Cat. No.	Type	Length	Dimensions mm (in) Width	Height	Std. Pk.
Enclosure	150-004	AL 1506-3	150 mm (5.91 in)	64 mm (2.52 in)	34 mm (1.34 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Tab Kit- small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.



AL 88-6 – Aluminum – 80 x 75 mm (3.15 x 2.95 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



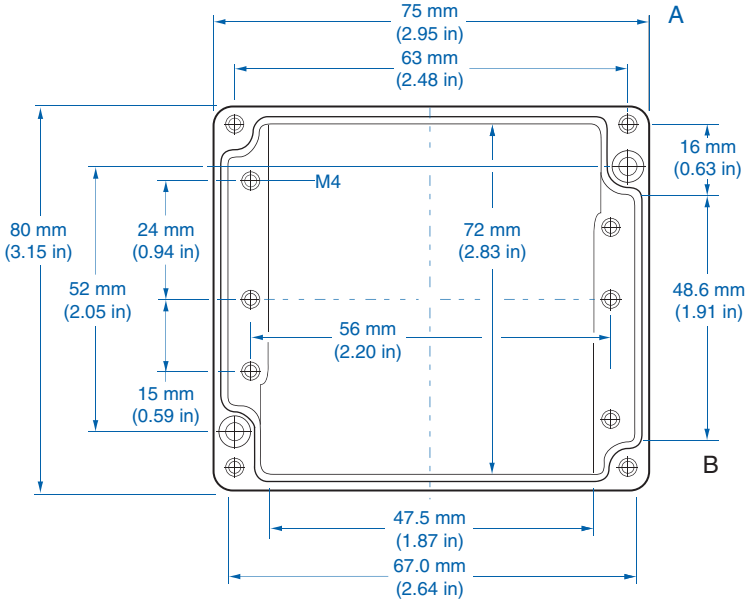
Aluminum

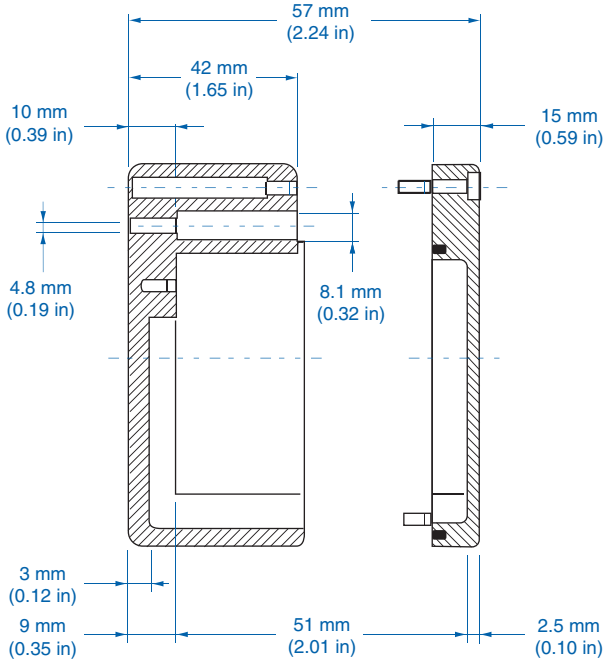
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-005	AL 88-6	80 mm (3.15 in)	75 mm (2.95 in)	57 mm (2.24 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-005	ALMPS-88	1
Mounting Tab Kit - small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.





Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



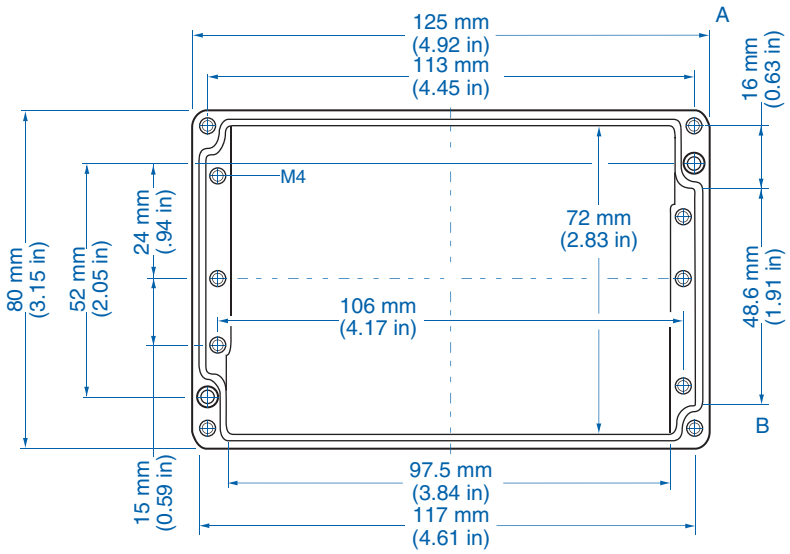
Aluminum

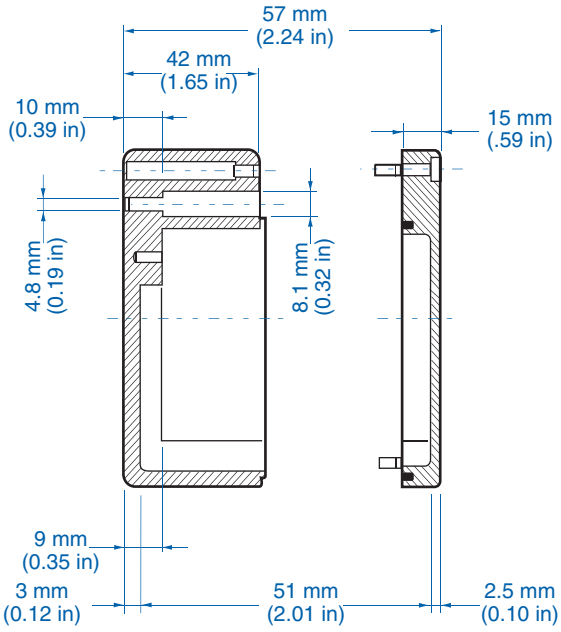
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-006	AL 1308-6	125 mm (4.92 in)	80 mm (3.15 in)	57 mm (2.24 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-006	ALMPS-1308	1
Mounting Tab Kit - small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 1808-6 – Aluminum – 175 x 80 mm (6.89 x 3.15 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



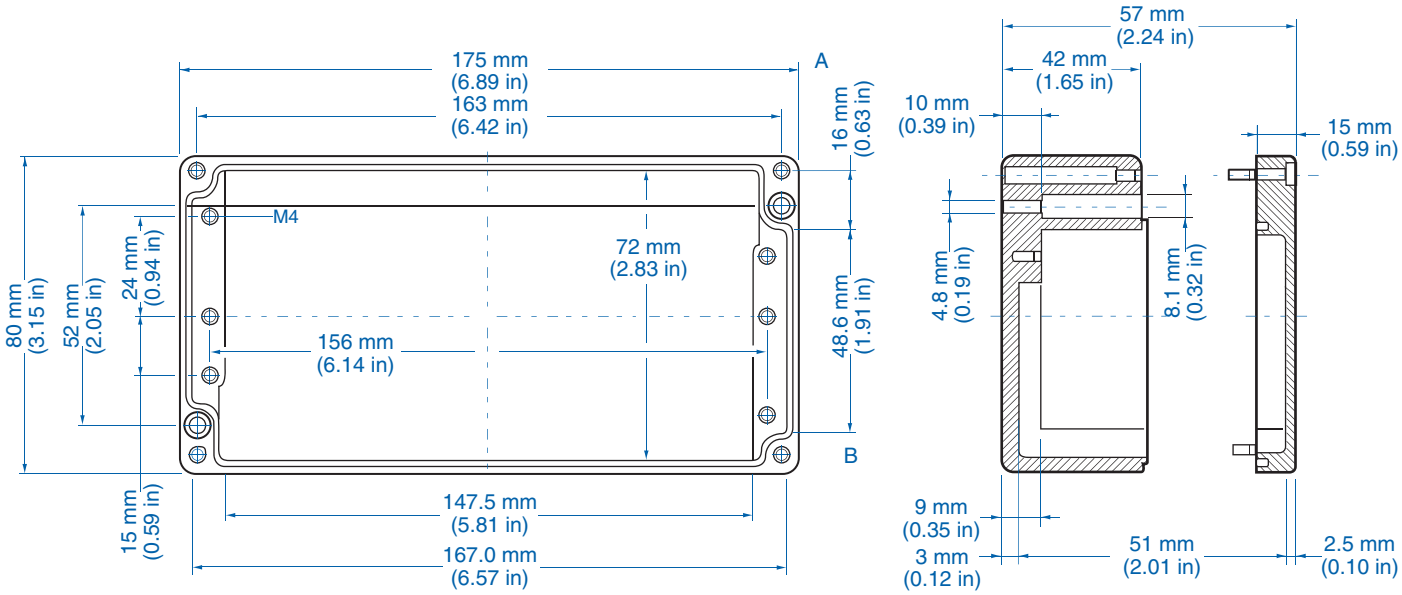
Aluminum

Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-007	AL 1808-6	175 mm (6.89 in)	80 mm (3.15 in)	57 mm (2.24 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-007	ALMPS-1808	1
Mounting Tab Kit - small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.



AL 1010-8 – Aluminum – 100 x 100 mm (3.94 x 3.94 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



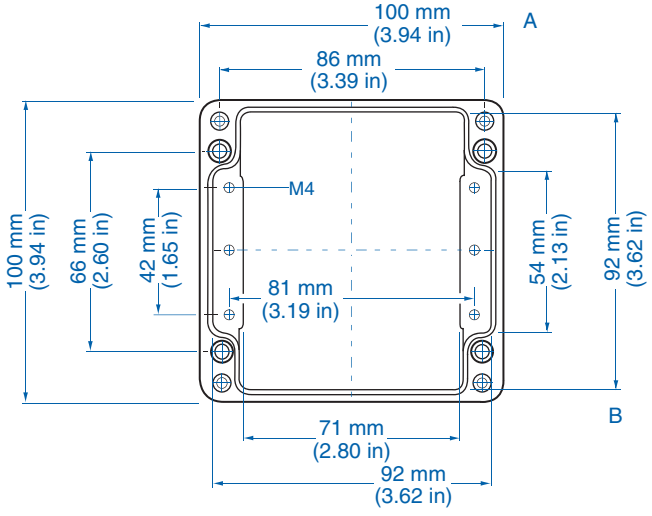
Aluminum

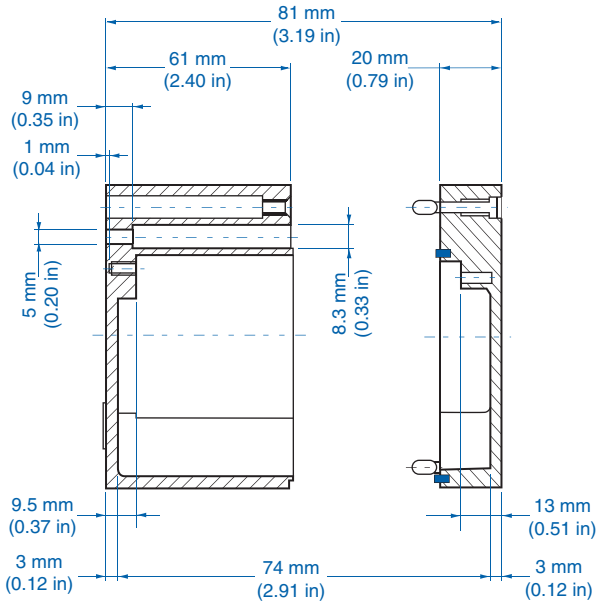
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-008	AL 1010-8	100 mm (3.94 in)	100 mm (3.94 in)	80 mm (3.15 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-008	ALMPS-1010	1
Hinge Kit Set	154-210	HK-AL	1
Mounting Tab Kit - small	154-004	MT-AL1	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 1212-8 – Aluminum – 122 x 120 mm (4.80 x 4.72 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



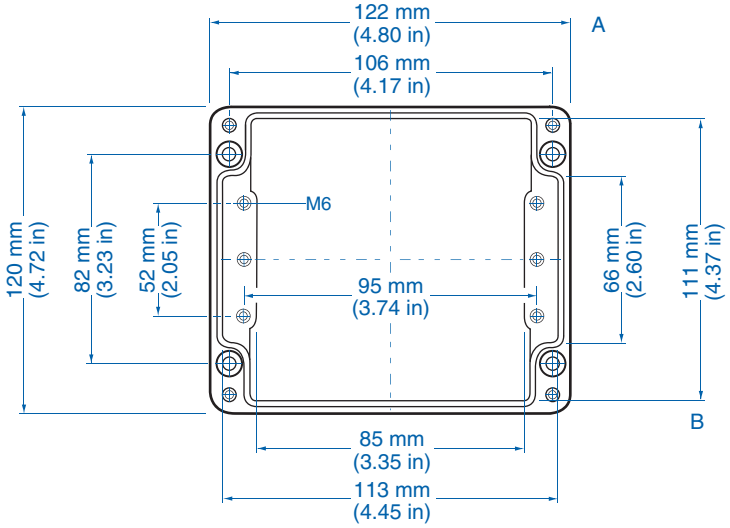
Aluminum

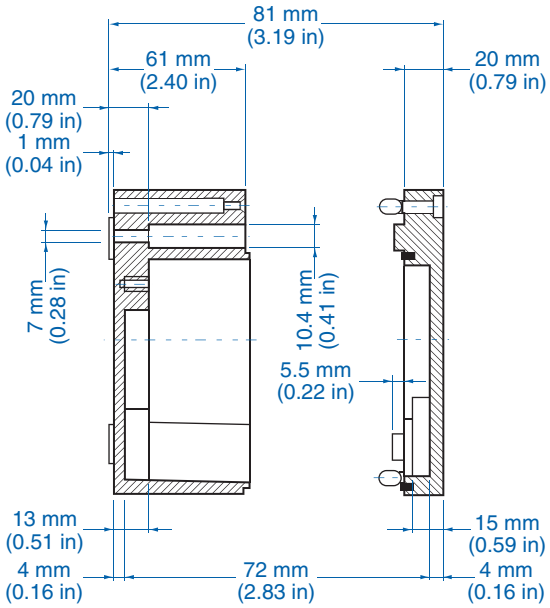
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-009	AL 1212-8	122 mm (4.80 in)	120 mm (4.72 in)	80 mm (3.15 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-009	ALMPS-1212	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 110 mm	162-009	TS35/110	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 2212-8 – Aluminum – 220 x 120 mm (8.66 x 4.72 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



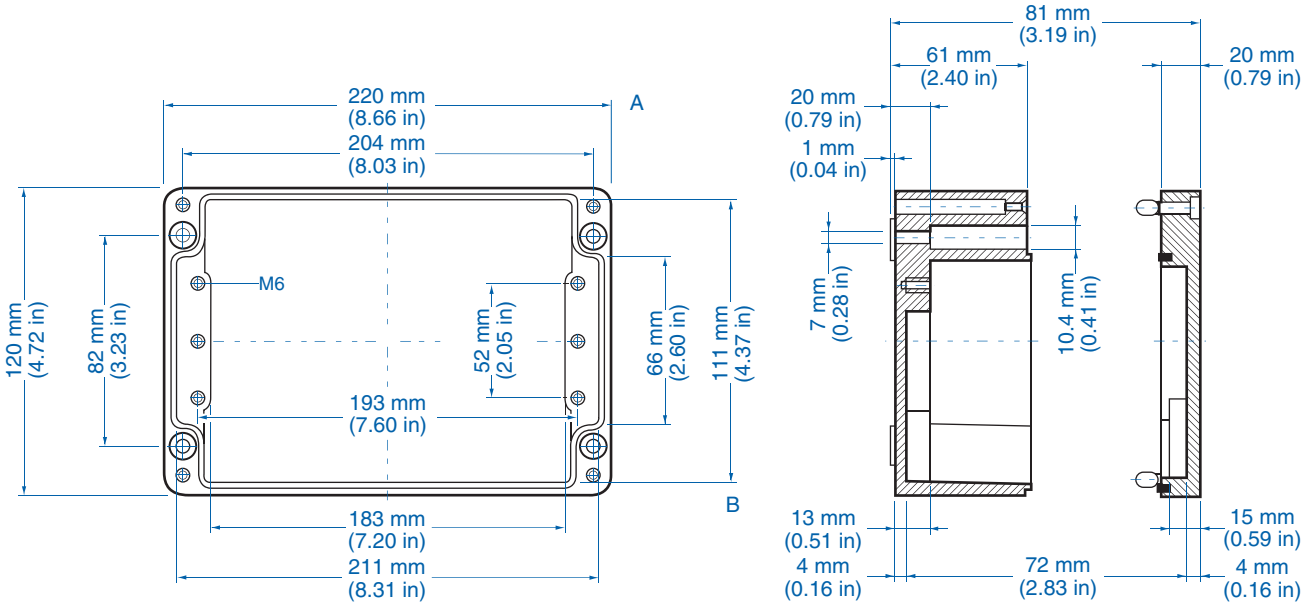
Aluminum

Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-010	AL 2212-8	220 mm (8.66 in)	120 mm (4.72 in)	80 mm (3.15 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-010	ALMPS-2212	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 208mm	162-010	TS35/208	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.



AL 1616-9 – Aluminum – 160 x 160 mm (6.30 x 6.30 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



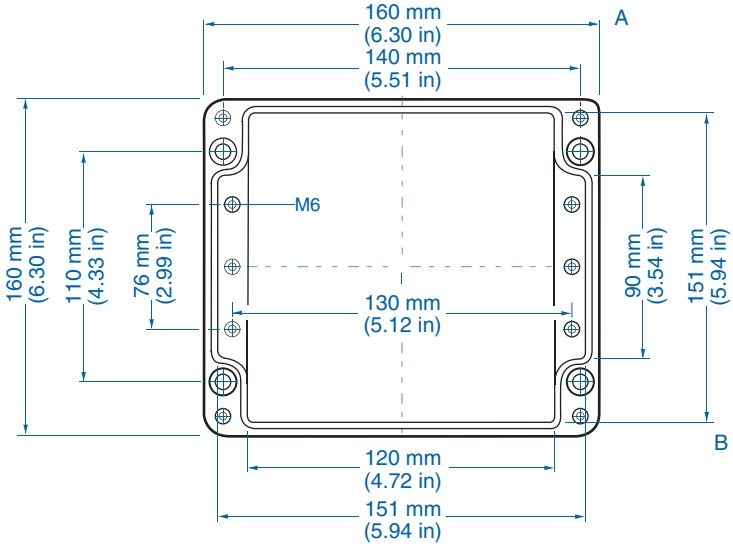
Aluminum

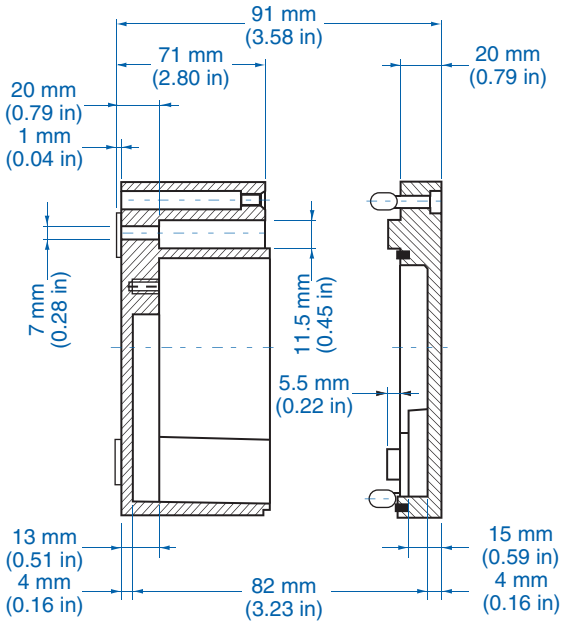
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-011	AL 1616-9	160 mm (6.30 in)	160 mm (6.30 in)	90 mm (3.54 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-011	ALMPS-1616	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 145mm	162-011	TS35/145	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 2616-9 – Aluminum – 260 x 160 mm (10.24 x 6.30 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



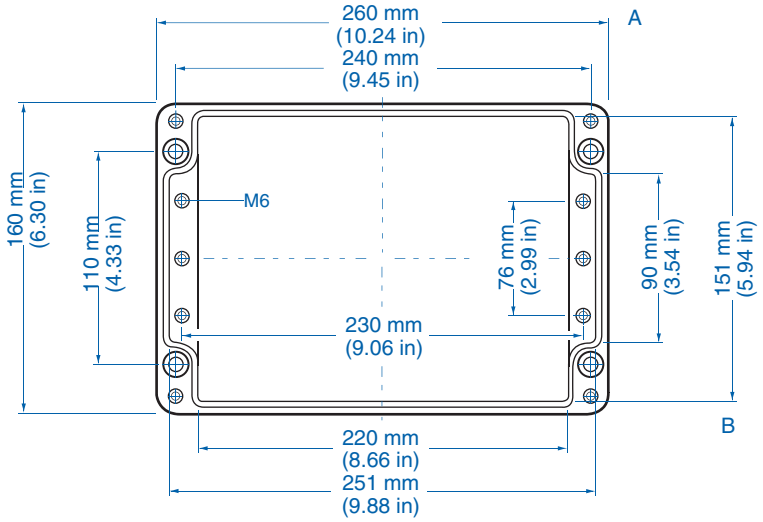
Aluminum

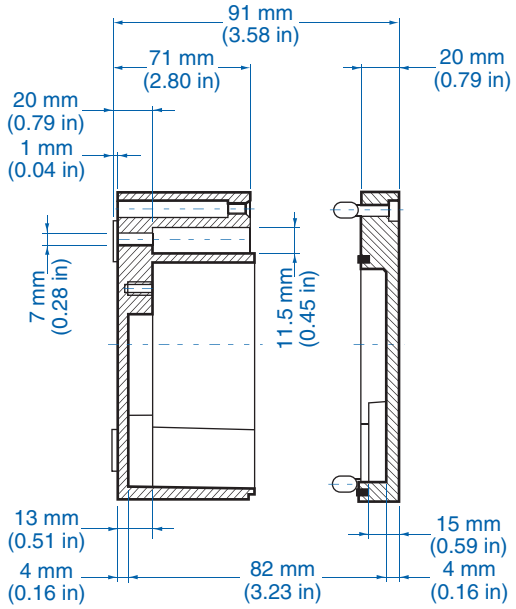
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-012	AL 2616-9	260 mm (10.24 in)	160 mm (6.30 in)	90 mm (3.54 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-012	ALMPS-2616	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 245mm	162-012	TS35/245	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 3616-9 – Aluminum – 360 x160 mm (14.17 x 6.30 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



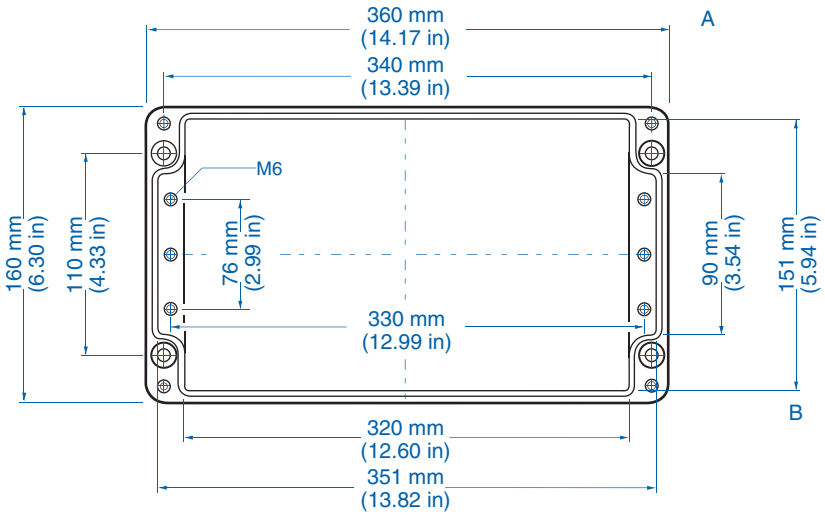
Aluminum

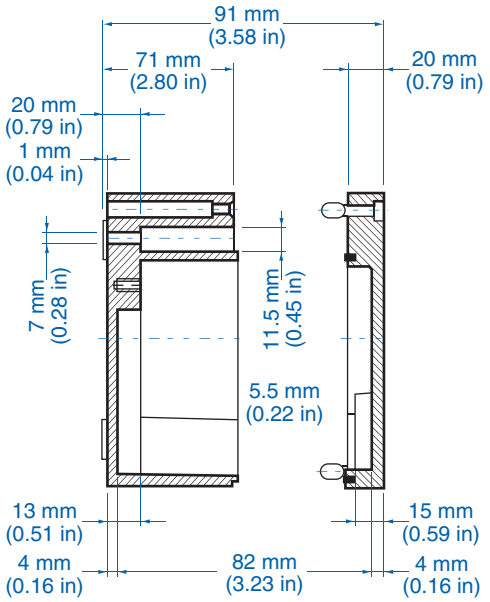
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-013	AL 3616-9	360 mm (14.17 in)	160 mm (6.30 in)	90 mm (3.54 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-013	ALMPS-3616	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 345mm	162-013	TS35/345	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.





Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



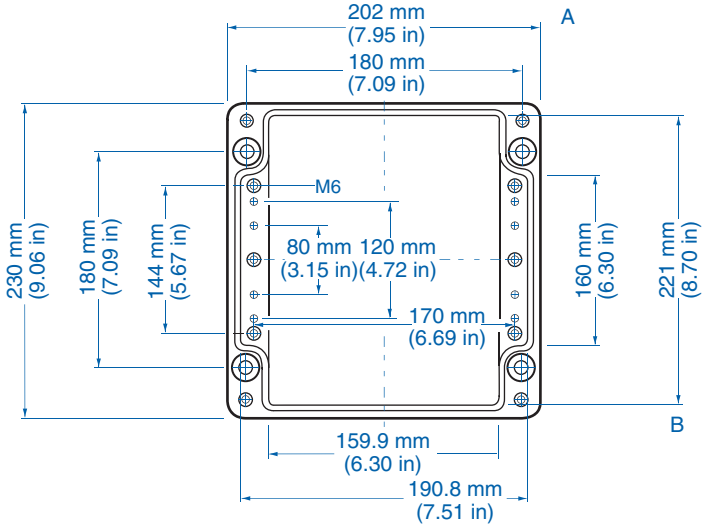
Aluminum

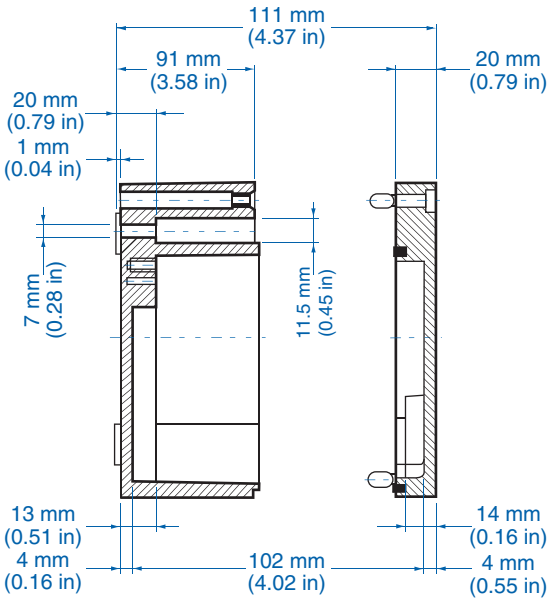
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-014	AL 2023-11	202 mm (7.95 in)	230 mm (9.06 in)	111 mm (4.37 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-014	ALMPS-2023	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 186mm	162-014	TS35/186	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 2823-11 – Aluminum – 280 x 230 mm (11.02 x 9.06 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



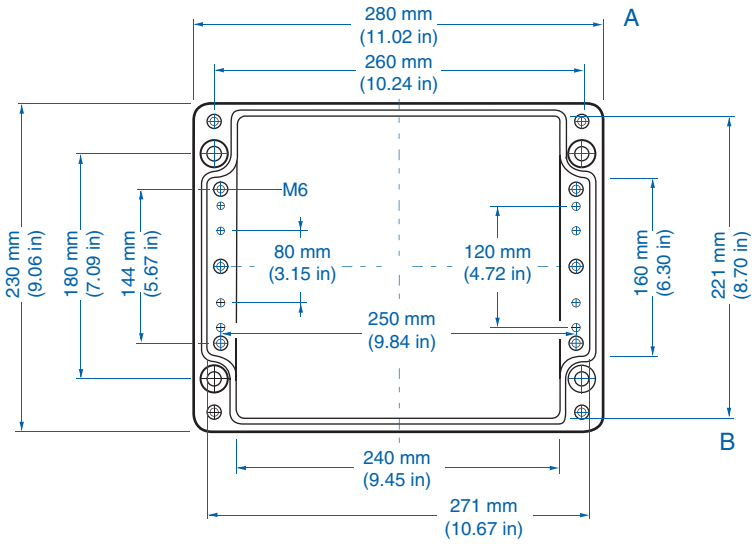
Aluminum

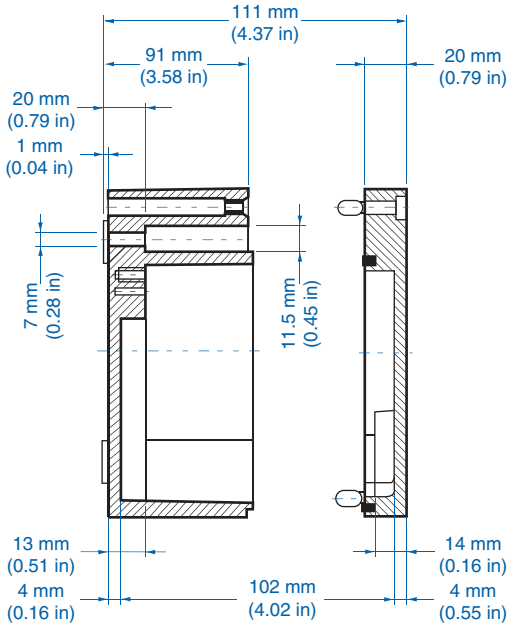
Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-015	AL 2823-11	280 mm (11.02 in)	230 mm (9.06 in)	111 mm (4.37 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-015	ALMPS-2823	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 266mm	162-015	TS35/266	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.





AL 3323-11 – Aluminum – 330 x 230 mm (12.99 x 9.06 in.)

Standard Features

- **Protection Level:** IP65
- **Technical:** Smooth Sidewalls
- **Enclosure Material:** Cast Aluminum, Al Si 12
- **Temperature Range:** -40°C to 100°C (-40°F to 212°F)
- **Gasket Material:** Polyurethane
  -35°C to 80°C (-31°F to 176°F)
- **Color:** Silver Gray, RAL 7001
- **Accessories:** See section below



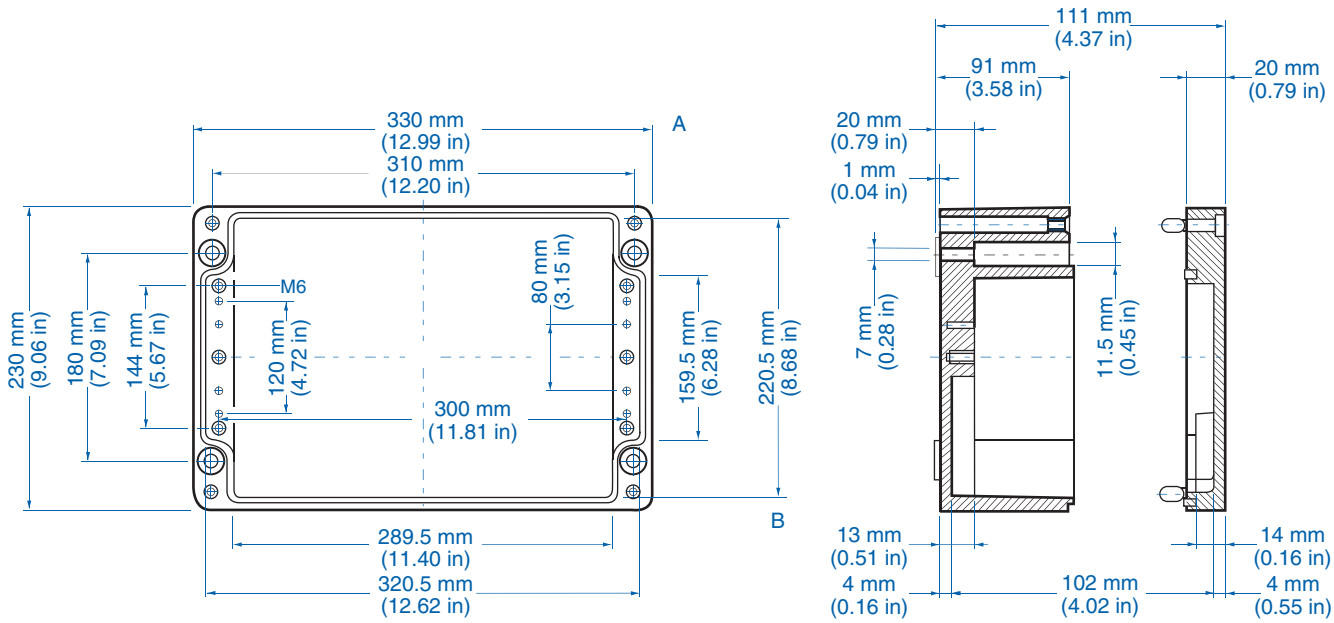
Aluminum

Ordering Information	Cat. No.	Type	Dimensions mm (in) Length	Width	Height	Std. Pk.
Enclosure	150-016	AL 3323-11	330 mm (12.99 in)	230 mm (9.06 in)	111 mm (4.37 in)	1

Accessories

Ordering Information	Cat. No.	Type	Std. Pk.
Mounting Plate	155-016	ALMPS-3323	1
Hinge Kit Set	154-210	HK-AL	1
DIN Rail TS 35 - 35 x 316mm	162-016	TS35/316	1
Mounting Tab Kit - large	154-006	MT-AL2	1

Please refer to pages 136-140 for additional accessories and detailed information.



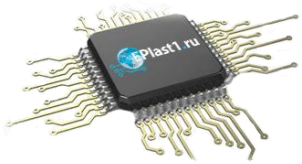
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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