

EKM-131808 UL Enclosure Spec Sheet



Technical Specifications:

- Model: EKM-131808
- Dimensions: 135mm x 185mm x 85mm (5.32" x 7.28" x 3.35")
- Weight: 1.25 lbs.

Description:

- UL Listed and cUL Listed enclosure
- NEMA 4X rated
- Openable and latching clear polycarbonate cover
- Designed to prevent the penetration of rain or dust
- Stainless latches and hinge pins
- DIN rail included

Features of Plastic Polycarbonate Material:

- Ultraviolet stabilizer prevents discoloration when installed outdoors
- Plastic material protects electronics from static electricity
- Material is very strong and resistant to impact damage

Combustion Retardant Properties of Plastic Material:

- Polycarbonate (Transparent): 94-HB(Standard)
- Polycarbonate (Grey): 94-V-0

Installation Tools/Materials List:

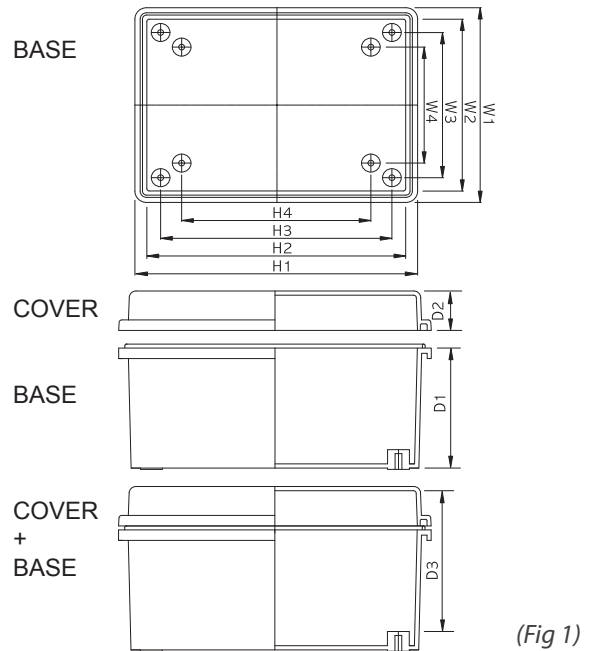
- Standard phillips head screwdriver
- Drill with hole saw or drill bit large enough to penetrate the enclosure for the conduit to enter

For UL Listed installations:

- Use in conjunction with a UL Listed Omnimeter
- Use in conjunction with UL Listed Current Transformer(s)

Installation Instructions:

- We recommend that a small hole is added to the exterior of the enclosure, in a location that is most protected from the elements (usually the bottom). This will help prevent condensation build up over time.



Size (mm)	W1	W2	W3	W4	H1	H2	H3	H4	D1	D2	D3
135x185x85	135	120	95	90	185	70	45	140	65	20	72

Draw Latch, Integrated Hinge

- Stainless steel hinge pin and latching mechanism make this enclosure extremely durable under repeated use.



Integrated drip Edge:

- Both short axis have a protruded drip edge for an added level of water resistance. They also prevent dust or water from entering when opening/closing the cover.



Gasket:

- Has excellent water and dust proofing even under repeated opening/closing of the lid. Gasket is installed in the enclosure with an extremely precise CNC machine.



EKM METERING INC.

Certifications:



ISO 9001 Approval from SGS



ISO 14001 Approval from SGS



Obtained UL508A Certificate from UL (Underwriter's Laboratories)



Standard Certification KTL C067-2007 for resin box used for indoor and outdoor electrical equipment below 600v AC



Obtained Certificate of CE by EN from EOTC (European Organization for Testing and Certification)



Passed in Combustion Resistance Test 94:2003 of Korea Institute of Construction Materials



Obtained TUV, IP67, IK08 from Germany for plastic enclosures



Passed in Combustion Resistance Test of V-0 for Polycarbonate from Korea Environment and Merchandise Testing Institute



Obtained RoHS Certification from SGS, the world's leading inspection agency in Geneva, Switzerland



EX degree: Exe II T5
Certificate Number: CNEEx07.0311U

