


IP68 IP66

AXL IP68 / IP66 Aluminium Enclosures

MM AXL B 03 - 98 x 64 x 34

Features of Enclosure

Impact & Shock Resistance	Withstands impacts up to 7 Joules.
Invisible Mounting	Maintains ingress protection through inner mounting holes.
Fire Retardant	Complies with IS 11000 and IEC 60695 standards.

Specifications

Material	Corrosion-resistant Aluminum Alloy ENAC/GdAlSi12 (DIN 1706).
Corrosion Resistance	>1000 hours of salt spray resistance, certified to ASTM B117 and IS 9000.
Ingress Protection	IP68, IP66 Certified to IS/EN 60529.
Screws	Stainless Steel SS304/A2.
Gasket	One-piece compression-moulded, available in Silicon, Neoprene, or EMI-RFI.
Earth Screws	Steel with copper coating and integral spring washer.

Applications

Industrial	Electrical systems in factories and processing plants.
Hazardous Areas	Safe use in explosive or volatile environments.
Electric Vehicles	Protection for electrical components in EVs.
Infrastructure	Enclosures for telecoms, transport, and utilities.
Marine & Offshore	Durable protection in marine and offshore settings.
Outdoor	Reliable shielding against harsh weather conditions.

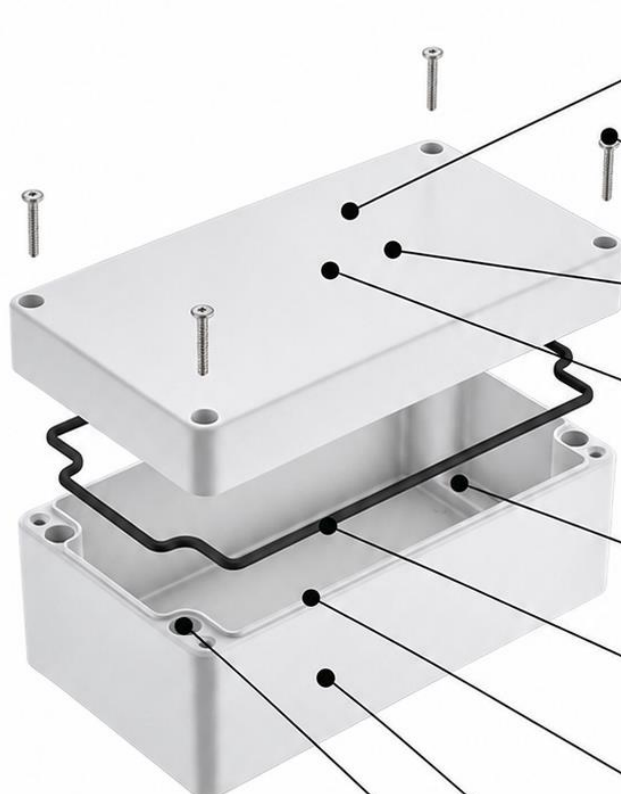
Enclosures Range/Sizes

General Part Number	Natural Finish Uncoated	MM AXL B 03-0000
MM AXL B 03	Ral 7001 Silver Grey	MM AXL B 03-7001
Dimensions/ Size	Ral 9005 Black	MM AXL B 03-9005
98 x 64 x 34		



IP68 IP66

Features & Specifications



STRENGTH

Impact and Shock Resistance upto 7 Joules Tested and Certified in accordance with IS/EN 60079-0:2007, EN60079.

SCREWS

Stainless Steel: SS304/A2 Captive Lid Mounting Screws.

MATERIAL

Corrosion Resistant Aluminium Alloy ENAC/GdAlSi12(Fe)-DIN1706.

CORROSION RESISTANCE

Salt Spray / Mist > 1000 hours Tested and certified in accordance with ASTM B117 IS 9000 PART XL.

EARTH SCREWS

Steel with Copper Coating with integral spring washer.

GASKET

One Piece Compression moulded gasket SILICON/NEOPRENE/EMI-RFI.

INGRESS PROTECTION - IP

IP68, IP66 Tested and certified in accordance with IS/EN 60529:2001-DIN EN 60529 Invisible Mounting Through inner mounting holes without affecting the ingress protection.

FIRE RETARDANT

Flame & Fire Retardant as per IS 11000 (Part 2/Sec2): 2008 IEC 60695-11-5:2004.

INVISIBLE MOUNTING

Through inner mounting holes with out affecting the ingress protection

REACH COMPLIANCE

REACH Tested and Compliant for SVHC as per Article 57 & Article 33(1) of the Reach Regulation Ec 1907/2006.

ROHS COMPLIANCE

ROHS Tested and Compliant as per Annexure II of the Commission Regulation (EU) No.65/2011.

STANDARD ENCLOSURE KIT

Lid Base Gasket, Mounting Screws Earth Screws.

SCREW OPTIONS

Pan Combi Head, Torx Head, Allen Head, Cheese Head.

GASKET OPTIONS

NEOPRENE -40°C to +130°C

SILICON -60°C to +200°C

EMI/Rfi Conductive Gasket on request

STANDARD COLOURS



NATURAL
ALUMINIUM



RAL 7001
SILVER GRAY



RAL 9005
BLACK



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