



Representative Image

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Description: APO 31 BOX (GREY COVER) RAL7035

EAN 5412348560491

Home > Boxes & Cabinets & Pedestals > Enclosures for indoor and outdoor

- The bases are made of grey (RAL 7035), hot moulded glass fibre reinforced polyester, dyed in mass. These come complete with M4 threaded inserts (Dodge) for fixing a mounting plate or mounting frame.
- APO-boxes provide optimum security to both operators and equipment because they feature total insulation and protection degree IP67 according to IEC 60529 and EN 60529
- Protection degree IK10 against external mechanical impacts according to EN 62262 and IEC 62262
- This protection covers the total volume of the enclosure according to EN 62208 and IEC 62208.
- Each large box is a multiple of a smaller one. Its fixing points are also a multiple of those of a small box. These fixing points are blind holes for M4 threaded inserts.
- Four to six blind holes for M6 threaded inserts are also provided in each base.
- APO polyester boxes are designed for both wall end pole mounting.
- The box can be readily worked with conventional tools such as drills, cutting mills, saws punches, etc.
- Versatile service conditions: polyester enclosures can withstand continuous temperatures up to 70°C (peak temperatures up to 150°C) and the transparent polycarbonate covers resist service temperature up to 120°C
- APO polyester boxes are maintenance-free and corrosion resistant.
- Rated insulation voltage $U_i = 1000V$.
- APO boxes are UL listed, as per UL Standard 508, types 3, 3R, 4, 4X, 6, 6P, 12 and 13
- They are also CSA approved.

Descriptors

Category	Enclosures for indoor and outdoor
Family Name	APO
IK	IK10

Specifications

Enclosure type	Box
Total Insulation	Yes
Raw materials	Polyester glass-fibre reinforced hot-moulded
Ambient conditions	Indoor Outdoor
Installation	Pole Fixing Wall mounting
IP	IP67
Product/Accessory	Product
Product/Accessory functionality	Cover
Door/Cover	Cover Polyester
Door/Cover- plain/glazed	Plain
Standards	EN/IEC 61439-2 EN/IEC 60529 EN/IEC 62208
Type	APO 31
Inner height	282 mm
Inner width	166 mm
Screws/Hinges/Bolts	Fixing screws
Colour	RAL 7035
Volume	0.009713 m3

by ABB

Classifications

Approvals	UL CSA Lloyd's Register of Shipping Germanischer Lloyd
ETIM 5.0	EC000058 - Empty cabinet
ETIM 6.0	EC000058 - Empty cabinet

Dimensions

Height	300.0 mm
Width	185.0 mm
Depth	175.0 mm

Package Information

Standard packing	1
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Publications

Title	Publication No.	Publication Type
APO 31 - Box with polyester cover IP 67 300x185x175 mm (stp)	3D-00345	Drawings - CAD - 3D
3D Drawing: Industrial Enclosure - APO 31 - Box with polyester cover IP 67 300x185x175 mm (STEP format)		
APO 31 - Box with polyester cover IP 67 300x185x175 mm (pdf)	3D-00345-PDF	Drawings - CAD - 3D
3D PDF Viewer: Industrial Enclosure - APO 31 - Box with polyester cover IP 67 300x185x175 mm (3DPDF format)		

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