polyTOP
THE ROBUST POLYESTER ENCLOSURE

IP 66 - Optional: IP 67

The key product features:
• Enclosure material: glass-fibre reinforced polyester
• Enclosure surface: similar to RAL 7032
• Lid screws in polyamide
• Compatible assembly dimensions with the aluNORM series
• Flammability: UL-94 V0
• Enclosure seal: O-ring gasket (EPDM)

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polyTOP is a range of IP 66 enclosures made of highly resistant glass-fibre reinforced polyester. The enclosures are ideal for industrial electronics and control equipment used in harsh indoor and outdoor applications.

Special features include corrosion-resistant polyamide lid fixings in four different designs: slotted (standard), triangular or square head for tamper protection, and hand screws for fast access. Threaded M6 fixing pillars are provided inside for mounting terminal rails, circuit boards, mounting plates etc. polyTOP is available in a wide range of standard sizes. Supporting rails, terminals, cable glands and other accessories are also available.

We can supply polyTOP enclosures fully customized to your requirements.

Enclosure sizes
13

Further information
Improved technology thanks to the single-channel lid and assembly fastening
Compatible assembly dimensions with the aluNORM range
Full protective insulation in accordance with VDE 0100

Enclosure
Polyester glass fiber reinforced, halogen-free
 similar to RAL 7032, pebble gray,   surface resistance< 109 Ohm
Optional: similar to RAL 9005, deep black,   surface resistance< 109 Ohm
1° mold slope for casting ejection > internal circumference dimensions decrease by 1° towards enclosure bottom.

Flammability
UL 94 V-0

Fastening
Single-channel lid and assembly fastening outside of the enclosure interior, stainless steel external mounting brackets

Internal mounting

M4/M6 threaded bushing on the enclosure base

Ingress protection

IP 66 / EN 60529

Optional: IP 67 / EN 60529

Gasket

EPDM O-ring gasket

Optional: Silicone gasket

Lid screws

Polyamide, corrosion-resistant and captive, slotted design

Optional: Various locking screws available

Customizing

Learn more about our full customizing service for installation-ready enclosures

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	132.080.000	PT 080	82	82	60		- Protection Class IP 67 - Mounting plates - External mounting brackets - Captive allen screw - Supporting rail for series terminals
	132.082.000	PT 082	122	82	60		- Protection Class IP 67 - Mounting plates - External mounting brackets - Captive allen screw - Supporting rail for series terminals
	132.084.000	PT 084	162	82	60		- Protection Class IP 67 - Mounting plates - External mounting brackets - Captive allen screw - Supporting rail for series terminals
	132.100.000	PT 100	102	102	81		- Protection Class IP 67 - Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	132.102.000	PT 102	152	102	81		- Protection Class IP 67 - Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	132.104.000	PT 104	202	102	81		- Protection Class IP 67 - Mounting plates - External mounting brackets - Captive allen screw - Hinges - Supporting rail for series terminals
	132.120.000	PT 120	124	124	100		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Protection Class IP 67 - Hinges - Handscrew
	132.122.000	PT 122	184	124	100		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Protection Class IP 67 - Hinges - Handscrew
	132.124.000	PT 124	244	124	100		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Protection Class IP 67 - Hinges - Handscrew
	132.160.000	PT 160	164	164	100		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw

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Our products is enclosures.

- External mounting brackets
- Protection Class IP 67
- Hinges
- Handscrew

Photo	No.	Type	Length L	Width W	Height H	Gasket H	Optional available
	132.162.000	PT 162	244	164	100		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Protection Class IP 67 - Hinges - Handscrew
	132.164.000	PT 164	324	164	100		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Protection Class IP 67 - Hinges - Handscrew
	132.400.000	PT 400	404	404	160		- Supporting rail for series terminals - Triangular screw - Mounting plates - Collar-head screw - External mounting brackets - Protection Class IP 67 - Hinges - Handscrew