

General Purpose Enclosure Specifications

Bulletin Number 598



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Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at <http://www.rockwellautomation.com/literature/>. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

		
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Description	General-Purpose Enclosure	Junction Box
Features	Designed for use as an automation control box, electrical control housing, and terminal wiring box in industrial and commercial applications	Designed for use as a junction box, terminal wiring box, and small automation control box in industrial and commercial applications
Approximate Dimensions and Shipping Weights	Available in 11 sizes (Height x Width x Depth) 130 x 80 x 85 mm 271 g (0.60 lb) 180 x 80 x 85 mm 357 g (0.79 lb) 250 x 80 x 85 mm 435 g (0.96 lb) 190 x 190 x 130 mm 802 g (1.77 lb) 280 x 190 x 130 mm 1261 g (2.78 lb) 280 x 280 x 130 mm 1308 g (2.88 lb) 340 x 280 x 130 mm 1643 g (3.62 lb) 380 x 190 x 180 mm 1685 g (3.71 lb) 380 x 280 x 180 mm 2069 g (4.56 lb) 560 x 280 x 130 mm 2622 g (5.78 lb) 560 x 380 x 180 mm 4327 g (9.54 lb)	Available in 6 sizes (Height x Width x Depth) 90 x 70 x 50 mm 103 g (0.23 lb) 165 x 85 x 50 mm 189 g (0.42 lb) 130 x 80 x 85 mm 271 g (0.60 lb) 180 x 80 x 85 mm 357 g (0.79 lb) 250 x 80 x 85 mm 435 g (0.96 lb) 190 x 190 x 130 mm 802 g (1.77 lb)
Degree of Protection	Type 1, 3R, 4, 4X, 12, 13 IP66 Indoor/Outdoor	Type 1, 3R, 4, 4X, 12, 13 IP66 Indoor/Outdoor
Storage Temperature Range	-40...+75 °C (-40...+158 °F)	-40...+75 °C (-40...+158 °F)
Operating Temperature Range	-40...+55 °C (-40...+131 °F)	-40...+55 °C (-40...+131 °F)
Material		
Enclosure — Solid Base and Cover	Thermoplastic polyester blend, UL94-5VA	Thermoplastic polyester blend, UL94-5VA
Enclosure — Clear Cover	Polycarbonate, UL94-5VA	Polycarbonate, UL94-5VA
Gasket	Foam-in-place polyurethane	Foam-in-place polyurethane
Plastic Mounting Plate	ABS	ABS
Metal Mounting Plate	Steel plus zinc with chromate plating	Steel plus zinc with chromate plating
Mounting Plate Hardware (included with enclosure)	Stainless steel	Stainless steel
Mounting Provision	Brass	Brass
External Mounting Bracket	Stainless steel	Stainless steel
Hinges and Latches	Stainless steel	Stainless steel
Cover Screw	Glass-reinforced nylon	Glass-reinforced nylon or stainless steel
Cover Plug (for hinged enclosures only)	Polypropylene	—

Important User Information

Read this document and the documents listed in the additional resources section about installation, configuration, and operation of this equipment before you install, configure, operate, or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.

Activities including installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice.

If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

In no event will Rockwell Automation, Inc. be responsible or liable for indirect or consequential damages resulting from the use or application of this equipment.

The examples and diagrams in this manual are included solely for illustrative purposes. Because of the many variables and requirements associated with any particular installation, Rockwell Automation, Inc. cannot assume responsibility or liability for actual use based on the examples and diagrams.

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