

General Purpose Enclosure Specifications

Bulletin Number 598

Topic	Page
Specifications	2

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.



Bulletin	598	598																																		
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) <table border="0"> <tr><td>130 x 80 x 85 mm</td><td>271 g (0.60 lb)</td></tr> <tr><td>180 x 80 x 85 mm</td><td>357 g (0.79 lb)</td></tr> <tr><td>250 x 80 x 85 mm</td><td>435 g (0.96 lb)</td></tr> <tr><td>190 x 190 x 130 mm</td><td>802 g (1.77 lb)</td></tr> <tr><td>280 x 190 x 130 mm</td><td>1261 g (2.78 lb)</td></tr> <tr><td>280 x 280 x 130 mm</td><td>1308 g (2.88 lb)</td></tr> <tr><td>340 x 280 x 130 mm</td><td>1643 g (3.62 lb)</td></tr> <tr><td>380 x 190 x 180 mm</td><td>1685 g (3.71 lb)</td></tr> <tr><td>380 x 280 x 180 mm</td><td>2069 g (4.56 lb)</td></tr> <tr><td>560 x 280 x 130 mm</td><td>2622 g (5.78 lb)</td></tr> <tr><td>560 x 380 x 180 mm</td><td>4327 g (9.54 lb)</td></tr> </table>	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) <table border="0"> <tr><td>90 x 70 x 50 mm</td><td>103 g (0.23 lb)</td></tr> <tr><td>165 x 85 x 50 mm</td><td>189 g (0.42 lb)</td></tr> <tr><td>130 x 80 x 85 mm</td><td>271 g (0.60 lb)</td></tr> <tr><td>180 x 80 x 85 mm</td><td>357 g (0.79 lb)</td></tr> <tr><td>250 x 80 x 85 mm</td><td>435 g (0.96 lb)</td></tr> <tr><td>190 x 190 x 130 mm</td><td>802 g (1.77 lb)</td></tr> </table>	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)
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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.

No patent liability is assumed by Rockwell Automation, Inc. with respect to use of information, circuits, equipment, or software described in this manual.

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