



General Purpose Enclosure Specifications

Catalog Numbers 598-BS, 598-DS, 598-PM, 598-PP

Bulletin 598 – General Purpose Enclosures

These enclosures can be used as an automation control box, electrical control housing, and terminal wiring box in industrial and commercial applications.

- Type 3R, 4, 4X, 12, and 13 rainproof, watertight, corrosion resistant, and dust-tight, IP66 protection
- Available with optional plastic or metal mounting plates
- Provision for mounting with either AB or DIN Rail
- Enclosure can accommodate both panel mount and rail mount terminal blocks
- Designed for use in indoor and outdoor applications

General Purpose Enclosures Specifications

Attribute		Description
Certifications/ approvals	Approvals/certifications	c-UL-us, CE
	Degree of protection	Type 3R, 4, 4X, 12, and 13, IP66
Environment	Storage temperature range	-40...+75 °C (-40...+158 °F)
	Operating temperature range	-40...+55 °C (-40...+131 °F)
Material	Enclosure with solid base and solid cover	Thermoplastic polyester blend, UL94-5VA
	Enclosure with solid base and clear cover	Polycarbonate, UL94-5VA
	Gasket	Foam-in-place polyurethane
	Plastic mounting plate	ABS
	Metal mounting plate	Steel plus zinc with chromate plating
	Mounting plate hardware	Stainless steel
	External mounting bracket	Stainless steel
	Hinges and latches	Stainless steel

General Purpose Enclosures Specifications



NOTE: Preferred availability cat. nos. are in bold type.

Enclosure	Attribute			
	Catalog number	598-BS533	598-BS733	598-BS933
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	130 x 80 x 85 mm (5.12 x 3.15 x 3.35 in.)	180 x 80 x 85 mm (7.09 x 3.15 x 3.35 in.)	250 x 80 x 85 mm (9.84 x 3.15 x 3.35 in.)
	Base depth	50 mm (1.97 in.)		
	Cover depth	35 mm (1.38 in.)		
	Cover screw material	Glass-reinforced nylon		
	Cover plug material	—		
	Recommended tightening torque	1.0...1.2 N•m (9...11 lb•in)		
	Shipping weight, approx	271 g (0.6 lb)	357 g (0.79 lb)	435 g (0.96 lb)



Plastic mounting plate ⁽¹⁾	Catalog number	598-PP53	598-PP73	598-PP93
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	116 x 68 x 3.5 mm (4.57 x 2.68 x 0.14 in.)	165.5 x 68 x 3.5 mm (6.52 x 2.68 x 0.14 in.)	235 x 68 x 3.5 mm (9.25 x 2.68 x 0.14 in.)
	Recommended install hardware	M4 (#8)		
	Shipping weight, approx	22.4 g (0.05 lb)	32.0 g (0.07 lb)	45.9 g (0.1 lb)



Metal mounting plate ⁽¹⁾	Catalog number	598-PM53	598-PM73	598-PM93
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	116 x 68 x 1.6 mm (4.57 x 2.68 x 0.06 in.)	165.5 x 68 x 1.6 mm (6.52 x 2.68 x 0.06 in.)	235 x 68 x 1.6 mm (9.25 x 2.68 x 0.06 in.)
	Shipping weight, approx	85.8 g (0.19 lb)	124.8 g (0.28 lb)	181 g (0.4 lb)

(1) In applications where there are shock and vibration, a metal mounting plate is recommended.

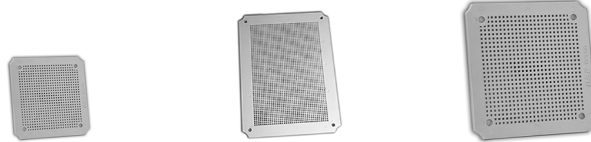
(2) Dimensions are not intended to be used for manufacturing purposes.

General Purpose Enclosures Specifications (continued)



NOTE: Preferred availability cat. nos. are in bold type.

Enclosure	Attribute	Shown above: 598-BS885	Shown above: 598-BS1187	Shown above: 598-BS11115
	Catalog number	598-BS885	598-BS1187	598-BS11115
	• Lift-off solid cover	598-BS885C	598-BS1187C	598-BS11115C
	• Lift-off clear cover ⁽⁴⁾			598-DS11115M
	• Hinged solid cover	598-DS885M	598-DS1187M	598-DS11115CM
	• Hinged clear cover ⁽⁴⁾	598-DS885CM	598-DS1187CM	
	Package quantity	1		
	Outside dimensions—H x W x D ⁽⁵⁾	190 x 190 x 130 mm (7.48 x 7.48 x 5.12 in.)	280 x 190 x 180 mm (11.02 x 7.48 x 7.09 in.)	280 x 280 x 130 mm (11.02 x 11.02 x 5.12 in.)
	Base depth	98 mm (3.86 in.)		
	Cover depth	30 mm (1.18 in.)		
Plastic mounting plate ⁽¹⁾	Cover screw material	Glass-reinforced nylon		
	Cover plug material	Polypropylene		
	Recommended tightening torque	1.2... 1.7 N·m (11... 15 lb·in)		
	Shipping weight, approx	801.6 g (1.77 lb)	1261 g (2.78 lb)	1308 g (2.88 lb)



Plastic mounting plate ⁽¹⁾	Catalog number	598-PP88	598-PP118	598-PP1111
	Package quantity	1		
	Outside dimensions—H x W x D ⁽⁵⁾	160 x 160 x 4 mm (6.3 x 6.3 x 0.16 in.)	252 x 161 x 3.4 mm (9.92 x 6.34 x 0.13 in.)	267 x 267 x 3.4 mm (10.51 x 10.51 x 0.13 in.)
	Thickness at support bracket	12mm (0.47 in.)		
	Recommended install hardware	M4 (#8)		M5 (#10)
	Shipping weight, approx	98.5 g (0.22 lb)	124.4 g (0.27 lb)	206.4 g (0.46 lb)



Metal mounting plate ⁽¹⁾	Catalog number	598-PM88	598-PM118	598-PM1111
	Package quantity	1		
	Outside dimensions—H x W x D ⁽⁵⁾	161 x 161 x 1.6 mm (6.34 x 6.34 x 0.06 in.)	251.5 x 161 x 1.6 mm (9.9 x 6.34 x 0.06 in.)	251 x 251 x 1.6 mm (9.88 x 9.88 x 0.06 in.)
	Shipping weight, approx	319.3 g (0.7 lb)	500.9 g (1.1 lb)	748.5 g (1.65 lb)
Stainless steel external mounting bracket kit ⁽²⁾	Catalog number	598-N13		
	Package quantity	1		
	Shipping weight, approx	92.5 g (0.2 lb)		
Stainless steel hinge and latch kit ⁽³⁾	Catalog number	598-NHL22M		
	Package quantity	1		
	Shipping weight, approx	165 g (0.36 lb)		

(1) In applications where there are shock and vibration, a metal mounting plate is recommended.

(2) Includes four brackets and four mounting hardware sets per kit.

(3) Kit is to convert cover from lift-off to hinged.

(4) Clear cover material is polycarbonate.

(5) Dimensions are not intended to be used for manufacturing purposes.

General Purpose Enclosures Specifications (continued)



NOTE: Preferred availability cat. nos. are in bold type.

Enclosure	Attribute	Shown above: 598-BS13115	Shown above: 598-BS1587	Shown above: 598-BS15117
	Catalog number • Lift-off solid cover • Lift-off clear cover ⁽⁴⁾ • Hinged solid cover • Hinged clear cover ⁽⁴⁾	598-BS13115 598-BS13115C 598-DS13115M 598-DS13115CM	598-BS1587 598-BS1587C 598-DS1587M 598-DS1587CM	598-BS15117 598-BS15117C 598-DS15117M 598-DS15117CM
	Package quantity	1		
	Outside dimensions—H x W x D ⁽⁵⁾	341 x 280 x 130 mm (13.43 x 11.02 x 5.12 in.)	382 x 192 x 180 mm (15.04 x 7.56 x 7.09 in.)	380 x 280 x 180 mm (14.96 x 11.02 x 7.09 in.)
	Base depth	100 mm (3.94 in.)	98 mm (3.86 in.)	
	Cover depth	30 mm (1.18 in.)	80 mm (3.15 in.)	
	Cover screw material	Glass-reinforced nylon		
	Cover plug material	Polypropylene		
	Recommended tightening torque	1.2 . . . 1.7 N·m (11 . . . 15 lb·in)		
	Shipping weight, approx	1643 g (3.62 lb)	1685 g (3.71 lb)	2069 g (4.56 lb)



Plastic mounting plate ⁽¹⁾	Catalog number	598-PP1311	598-PP158	598-PP1511
	Package quantity	1		
	Outside dimensions—H x W x D ⁽⁵⁾	300 x 240 x 4 mm (11.81 x 9.45 x 0.16 in.)	335 x 155 x 4 mm (13.19 x 6.1 x 0.16 in.)	351 x 251 x 4.3 mm (13.82 x 9.88 x 0.17 in.)
	Thickness at support bracket	12 mm (0.47 in.)		
	Recommended install hardware	M4 (#8)		
	Shipping weight, approx	268.8 g (0.59 lb)	194.2 g (0.43 lb)	333.1 g (0.73 lb)



Metal mounting plate ⁽¹⁾	Catalog number	598-PM1311	598-PM158	598-PM1511
	Package quantity	1		
	Outside dimensions—H x W x D ⁽⁵⁾	312 x 251 x 1.6 mm (12.28 x 9.88 x 0.06 in.)	352.5 x 161 x 1.6 mm (13.88 x 6.34 x 0.06 in.)	351 x 251 x 1.6 mm (13.82 x 9.88 x 0.06 in.)
	Shipping weight, approx	955.5 g (2.11 lb)	710.1 g (1.57 lb)	1089.8 g (2.4 lb)
Stainless steel external mounting bracket kit ⁽²⁾	Catalog number	598-N13		
	Package quantity	1		
	Shipping weight, approx	92.5 g (0.2 lb)		
Stainless steel hinge and latch kit ⁽³⁾	Catalog number	598-NHL22M		
	Package quantity	1		
	Shipping weight, approx	165 g (0.36 lb)		

(1) In applications where there are shock and vibration, a metal mounting plate is recommended.

(2) Includes four brackets and four mounting hardware sets per kit.

(3) Kit is to convert cover from lift-off to hinged.

(4) Clear cover material is polycarbonate.

(5) Dimensions are not intended to be used for manufacturing purposes.

General Purpose Enclosures Specifications (continued)

**NOTE:** Preferred availability cat. nos. are in bold type.

Enclosure	Attribute	Shown above: 598-BS22115	Shown above: 598-BS22157
	Catalog number	598-BS22115	598-BS22157
	• Lift-off solid cover	598-BS22115C	598-BS22157C
	• Lift-off clear cover ⁽³⁾	598-DS22115M	598-DS22157M
	• Hinged solid cover	598-DS22115CM	598-DS22157CM
	• Hinged clear cover ⁽³⁾		
	Outside dimensions (H x W x D) ⁽⁴⁾	560 x 280 x 130 mm (22.05 x 11.02 x 5.12 in.)	560 x 380 x 180 mm (22.05 x 14.96 x 7.09 in.)
	Base depth	98 mm (3.86 in.)	148 mm (5.83 in.)
	Cover depth	30 mm (1.18 in.)	
	Cover screw material	Glass-reinforced nylon	
	Cover plug material	Polypropylene	
	Recommended tightening torque	1.2...1.7 N·m (11...15 lb·in)	
	Shipping weight, approx	2622 g (5.78 lb)	4327 g (9.54 lb)



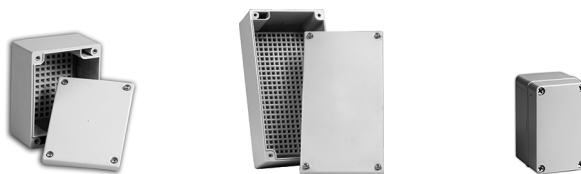
Plastic mounting plate	Catalog number	—	598-PP1511 ⁽⁵⁾
	Packaging quantity		1
	Outside dimensions—H x W x D ⁽⁴⁾		351 x 251 x 4.3 mm (13.82 x 9.88 x 0.17 in.)
	Thickness at support bracket		12 mm (0.47 in.)
	Recommended install hardware		M4 (#8)
	Shipping weight, approx		333.1 g (0.73 lb)



Metal mounting plate	Catalog number	598-PM2211	598-PM2215
	Package quantity	1	
	Outside dimensions—H x W x D ⁽⁴⁾	532 x 254.5 x 1.6 mm (20.94 x 10.02 x 0.06 in.)	532 x 354.5 x 1.6 mm (20.94 x 13.6 x 0.06 in.)
	Shipping weight, approx	1712 g (3.77 lb)	2332 g (5.14 lb)
Stainless steel external mounting bracket kit ⁽¹⁾	Catalog number	598-N13	
	Package quantity	1	
	Shipping weight, approx	92.5 g (0.2 lb)	
Stainless steel hinge and latch kit ⁽²⁾	Catalog number	598-NHL22M	
	Package quantity	1	
	Shipping weight, approx	165 g (0.36 lb)	

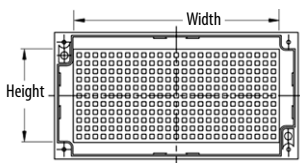
- (1) Includes four brackets and four mounting hardware sets per kit.
 (2) Kit is to convert cover from lift-off to hinged; two kits must be ordered.
 (3) Clear cover material is polycarbonate.
 (4) Dimensions are not intended to be used for manufacturing purposes.
 (5) Order two plastic mounting plates for these enclosures.

Junction Boxes Specifications



NOTE: Preferred availability cat. nos. are in bold type.

Enclosure	Attribute			
	Catalog number	598-BS332	598-BS632	598-BS533
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	90 x 70 x 51.5 mm (3.54 x 2.76 x 2.03 in.)	165 x 85 x 51.5 mm (6.5 x 3.35 x 2.03 in.)	130 x 80 x 85 mm (5.12 x 3.15 x 3.35 in.)
	Base depth	45 mm (1.77 in.)		50 mm (1.97 in.)
	Cover depth	6.5 mm (0.26 in.)		35 mm (1.38 in.)
	Cover screw material	Stainless steel		Glass-reinforced nylon
	Recommended tightening torque	0.8 ... 1.0 N·m (7 ... 9 lb·in)		1.0 ... 1.2 N·m (9 ... 11 lb·in)
	Shipping weight, approx	103 g (0.23 lb)	189 g (0.42 lb)	271 g (0.60 lb)



Plastic mounting plate ⁽¹⁾	Catalog number	Molded-in		598-PP53
	Package quantity	—		1
	Outside dimensions—H x W x D ⁽²⁾	64.5 x 51.5 x 4.9 mm (2.54 x 2.03 x 0.19 in.)	139.5 x 62.5 x 4.9 mm (5.49 x 2.46 x 0.19 in.)	116 x 68 x 3.5 mm (4.57 x 2.68 x 0.14 in.)
	Recommended install hardware	M4 (#8)		
	Shipping weight, approx	—		22.41 g (0.05 lb)



Metal mounting plate ⁽¹⁾	Catalog number	—	598-PM53
	Package quantity		1
	Outside dimensions—H x W x D ⁽²⁾		116 x 68 x 1.6 mm (4.57 x 2.68 x 0.06 in.)
	Shipping weight, approx		85.8 g (0.19 lb)

(1) In applications where there are shock and vibration, a metal mounting plate is recommended.

(2) Dimensions are not intended to be used for manufacturing purposes.

Junction Boxes Specifications (continued)



NOTE: Preferred availability cat. nos. are in bold type.

Enclosure	Attribute			
	Catalog number	598-BS733	598-BS933	598-BS885⁽³⁾
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	180 x 80 x 85 mm (7.09 x 3.15 x 3.35 in.)	250 x 80 x 85 mm (9.84 x 3.15 x 3.35 in.)	190 x 190 x 130 mm (7.48 x 7.48 x 5.12 in.)
	Base depth	50 mm (1.97 in.)		
	Cover depth	35 mm (1.38 in.)		
	Cover screw material	Glass-reinforced nylon		
	Recommended tightening torque	1.0...1.2 N·m (9...11 lb·in)		
	Shipping weight, approx	357 g (0.79 lb)	435 g (0.96 lb)	801.6 g (1.77 lb)



Plastic mounting plate ⁽¹⁾	Catalog number	598-PP73	598-PP93	598-PP88
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	165.5 x 68 x 3.5 mm (6.52 x 2.68 x 0.14 in.)	235 x 68 x 3.5 mm (9.25 x 2.68 x 0.14 in.)	160 x 160 x 4 mm (6.3 x 6.3 x 0.16 in.)
	Recommended install hardware	M4 (#8)		
	Shipping weight, approx	32 g (0.07 lb)	45.9 g (0.1 lb)	98.5 g (0.22 lb)



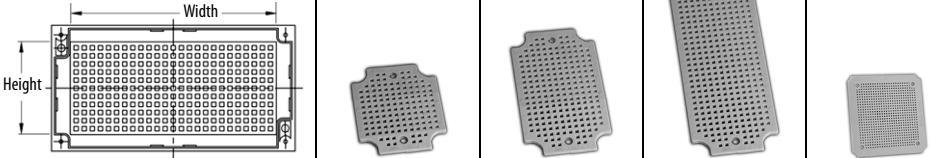
Metal mounting plate ⁽¹⁾	Catalog number	598-PM73	598-PM93	598-PM88
	Package quantity	1		
	Outside dimensions—H x W x D ⁽²⁾	165.5 x 68 x 1.6 mm (6.52 x 2.68 x 0.06 in.)	235 x 68 x 1.6 mm (9.25 x 2.68 x 0.06 in.)	161 x 161 x 1.6 mm (6.34 x 6.34 x 0.06 in.)
	Shipping weight, approx	124.8 g (0.28 lb)	181 g (0.4 lb)	319.3 g (0.7 lb)

(1) In applications where there are shock and vibration, a metal mounting plate is recommended.

(2) Dimensions are not intended to be used for manufacturing purposes.

(3) For clear and hinged covers, see cat. no. 598-BS885 information on [page 3](#).

Terminal Block Compatibility

Junction Box							
	Catalog number	598-BS332	598-BS632	598-BS533	598-BS733	598-BS933	598-BS885
Mounting Options for Use with Panel Mount Terminal Blocks							
	Catalog number	Molded-in		598-PP53	598-PP73	598-PP93	598-PP88
Types of Terminal Blocks Suitable for Mounting on Plastic Grid in Junction Box		Maximum Number of Poles, Approx					
Panel Mount Blocks with Predefined Set of Poles	Barrier Strips ⁽²⁾ 	2	8	4	8	12	
	1492-EC85 & 1492-ED103 	—		5			
	1492-HC6 	—		6			
	1492-HJ86 & 1492-HJ812 	—	12	6	12		
Panel Mount Interlocking Blocks	1492-15T 	2	6	4	7	12	7
	1492-25T 	—	5	3	5	8	6
Rail Mount Terminal Blocks ⁽¹⁾	1492-C...	—		7	12	18	14
	1492-F...						
	1492-H...						
	1492-J...			14	24	36	28
	1492-L...						
	1492-W...						

(1) Requires AB or DIN rail for mounting.

(2) For barrier strip with typical 0.563 in. pitch spacings.

Notes:

Rockwell Automation Support

Use the following resources to access support information.

Technical Support Center	Knowledgebase Articles, How-to Videos, FAQs, Chat, User Forums, and Product Notification Updates.	www.rockwellautomation.com/knowledgebase
Local Technical Support Phone Numbers	Locate the phone number for your country.	www.rockwellautomation.com/global/support/get-support-now.page
Direct Dial Codes	Find the Direct Dial Code for your product. Use the code to route your call directly to a technical support engineer.	www.rockwellautomation.com/global/support/direct-dial.page
Literature Library	Installation Instructions, Manuals, Brochures, and Technical Data.	www.rockwellautomation.com/literature
Product Compatibility and Download Center (PCDC)	Get help determining how products interact, check features and capabilities, and find associated firmware.	www.rockwellautomation.com/global/support/pcdc.page

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