

Polycarbonate Enclosures – Impact Series

Impact Series - Wall Mount, Single-door Enclosures



Construction

- Polycarbonate for 900 in-lb, high impact resistance.
 - Polycarbonate is stable and holds its tensile strength better than other non-metallic materials over a temperature range from -40° F to 265° F.
 - Standard hinges for easy door removal or replacement while permitting a full 225-degree door swing.
 - Integrated mounting flanges eliminate the need to affix the mounting feet or flange to the enclosure. Mounting flanges are molded into the enclosure.
 - Integrated latch provides a clean look and easy opening of the enclosure. This latch is available on all Impact enclosures.
 - Gray in color with gloss finish.
 - Available with clear or opaque door.
 - Extra interior mounting bosses on rear wall (and lid of opaque enclosures, except 9x8x2) provide multiple mounting options for DIN rail, back panels, or other components.
- Tightening torque - 10 to 15 lb-in.**

Listings

- UL/cUL 50/50E listed UL Type 1, 2, 3, 3R, 3S, 4, 4X, 6, 6P, 12, 13
- UL File E207562
- Flammability Rating: UL94-5VA
- Outdoor UV Exposure Rating: UL-F1

Approvals

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

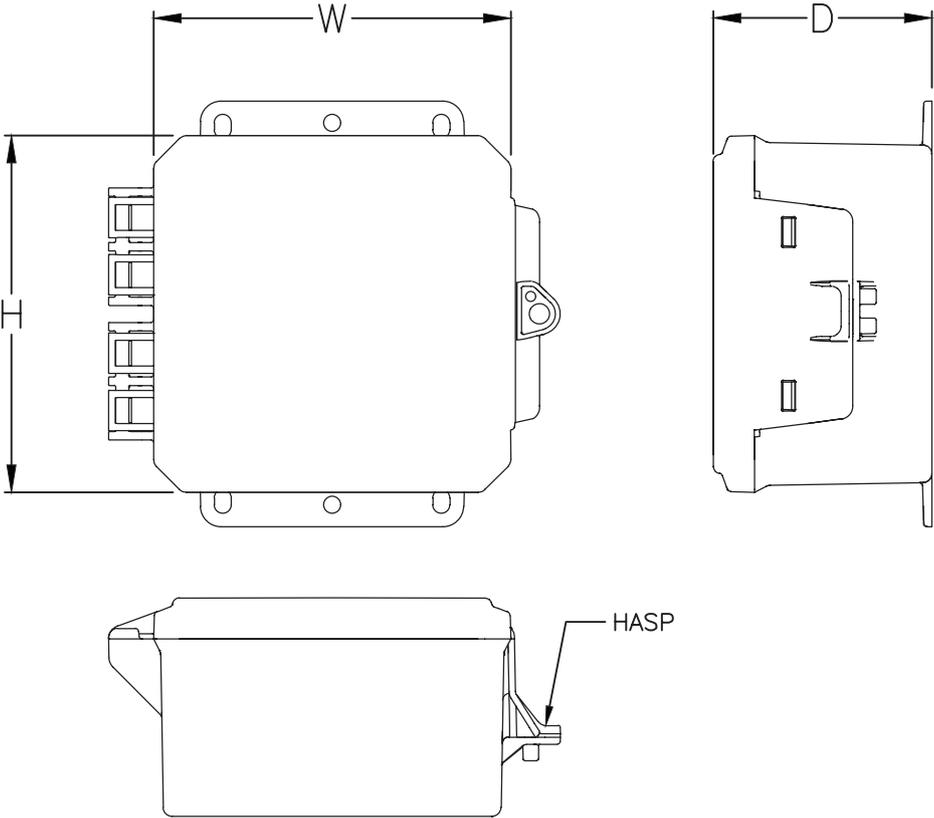


Impact Series Polycarbonate Enclosures - Wall Mount, Single Door

<i>Opaque Door</i>	<i>Price</i>	<i>Clear Door</i>	<i>Price</i>	<i>Enclosure Overall Size HxWxD</i>
<i>P4043-P10</i>		<i>P4043C-P10</i>		4.91 x 4.91 x 3.56 [125 x 125 x 90]
<i>P6063-P10</i>		<i>P6063C-P10</i>		6.54 x 6.54 x 4.01 [166 x 166 x 102]
<i>P8063-P10</i>		<i>P8063C-P10</i>		8.54 x 6.54 x 4.01 [217 x 166 x 102]
<i>P9082-P10</i>		<i>P9082C-P10</i>		9.54 x 8.54 x 3.51 [242 x 217 x 89]
<i>P10086-P10</i>		<i>P10086C-P10</i>		10.54 x 8.54 x 7.01 [268 x 217 x 178]

Note: Subpanels must be ordered separately. Dimensions in inches [millimeters].

Polycarbonate Enclosures – Impact Series



See our website: www.AutomationDirect.com for complete engineering drawings.

Polycarbonate Enclosures – Impact Series



Impact Series - Subpanels, Dead Front Panels, and Swing-Out Panels



Construction

- Subpanels available in aluminum, PVC, and steel with white powder coat finish.
- Mounting hardware included.
- Swing-Out panels available in aluminum.
- Advanced Dead Front Panel System: 2 brackets, 8 screws and a face plate (P606 and P806 only).
- Advanced Swing-Out Panel System: 2 brackets, 10 screws, and the swing-out panel (P606 and P806 only).
- Mounting screw torque - 10 to 15 lb-in.
- Aluminum panels are 0.063-in thick.
- Painted steel panels are 0.075-in thick.
- PVC panels are 0.187-in thick.



Impact Series Polycarbonate Enclosures - Subpanels							
Aluminum	Price	Painted Steel	Price	PVC	Price	Dimension HxW	For Use With
ABP44-IMP-P10		SBP44-IMP-P10		PVCBP44-IMP-P10		3.50 x 3.50 [89 x 89]	P404 enclosures
ABP66-IMP-P10		SBP66-IMP-P10		PVCBP66-IMP-P10		4.88 x 4.88 [124 x 124]	P606 enclosures
ABP86-IMP-P10		SBP86-IMP-P10		PVCBP86-IMP-P10		6.75 x 4.88 [171 x 124]	P806 enclosures
ABP98-IMP-P10		SBP98-IMP-P10*		PVCBP98-IMP-P10		6.88 x 6.75 [175 x 171]	P908 enclosures
ABP108-IMP-P10		SBP108-IMP-P10**		PVCBP108-IMP-P10		8.75 x 6.88 [222 x 175]	P1008 enclosures

Notes: Dimensions in inches [millimeters].
 *Painted steel subpanel dimensions are 6.88 x 6.88 [175 x 175]
 ** Painted steel subpanel dimensions are 8.88 x 6.88 [226 x 175].

Impact Series Polycarbonate Enclosures - Dead Front Panels					
Aluminum	Price	Painted Steel	Price	Dimension HxW	For Use With
AFPK44-IMP-P10		SFPK44-IMP-P10		4.29 x 4.29 [109 x 109]	P404 enclosures
AFPK66-IMP-P10		SFPK66-IMP-P10		5.93 x 5.93 [151 x 151]	P606 enclosures
AFPK86-IMP-P10		SFPK86-IMP-P10		7.93 x 5.93 [201 x 151]	P806 enclosures
AFPK108-IMP-P10		–	–	9.88 x 7.88 [251 x 200]	P1008 enclosures

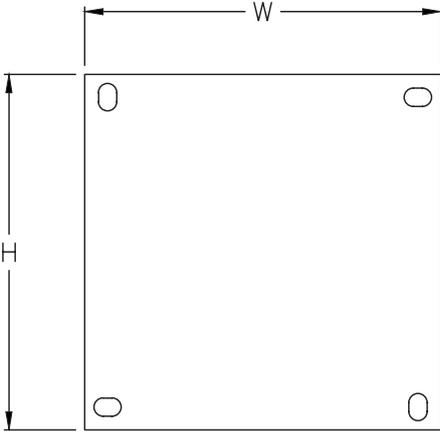
Note: Dimensions in inches [millimeters].

Impact Series Polycarbonate Enclosures - Swing-Out Panels					
Aluminum	Price	Painted Steel	Price	Dimension HxW	For Use With
ASWPK66-IMP-P10		SSWPK66-IMP-P10		5.90 x 5.38 [150 x 137]	P606 enclosures
ASWPK86-IMP-P10		SSWPK86-IMP-P10		7.38 x 5.90 [187 x 150]	P806 enclosures
ABP-108USOPK-P10		–	–	8.75 x 6.88 [222 x 175]	H1008 and P1008 enclosures

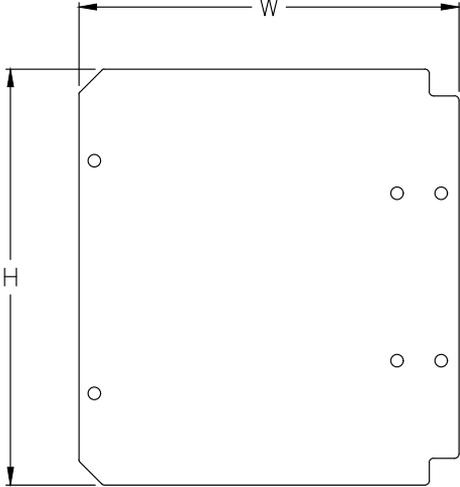
Note: Dimensions in inches [millimeters].

Polycarbonate Enclosures – Impact Series

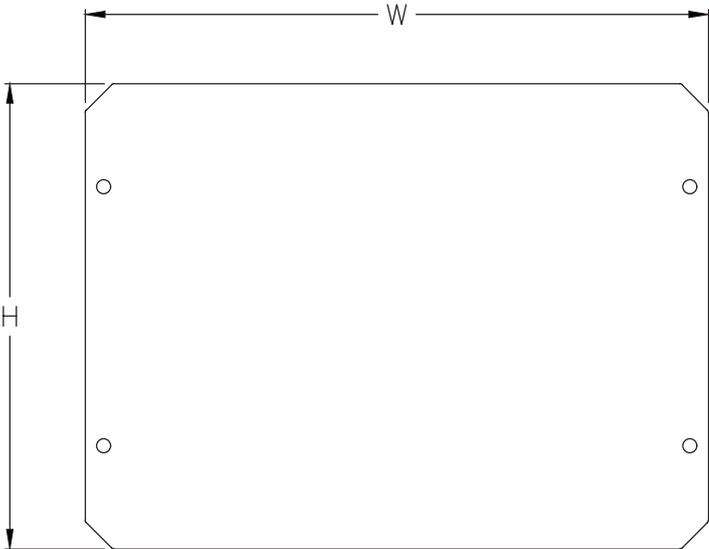
Subpanel



Swing-Out Panel



Dead Front Panel



See our website: www.AutomationDirect.com for complete engineering drawings.

Polycarbonate Enclosures Pole-Mounting Kits



Construction

- All kits include galvanized steel strut rails and plated steel fasteners.
- Kits for 9-1/2 to 12 in diameter poles include galvanized steel band clamps and brackets. All other kits include galvanized steel pipe clamps.



Pole Mounting Kits for Integra Premium Series Enclosures				
Part Number	Price	Pole Diameter	Kit Includes	For Use With Enclosure Width
PMKG-26-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	6in
PMKG-36-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	6in
PMKG-46-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	6in
PMKG-126-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	6in
PMKG-28-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	8in
PMKG-38-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	8in
PMKG-48-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	8in
PMKG-128-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	8in
PMKG-210-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	10in
PMKG-310-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	10in
PMKG-410-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	10in
PMKG-1210-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	10in
PMKG-212-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	12in
PMKG-312-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	12in
PMKG-412-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	12in
PMKG-1212-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	12in
PMKG-214-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	14in
PMKG-314-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	14in
PMKG-414-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	14in
PMKG-1214-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	14in
PMKG-216-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	16in
PMKG-316-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	16in
PMKG-416-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	16in
PMKG-1216-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	16in

Continued on next page.

Polycarbonate Enclosures Pole-Mounting Kits



Pole Mounting Kits for Integra Impact Series Enclosures				
Part Number	Price	Pole Diameter	Kit Includes	For Use With Enclosure Width
PMKG-12-IMP-P10*		2in to 12in	Plastic tie wrap and mount adapter; plated steel fasteners	4in
PMKG-26-IMP-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	6in
PMKG-36-IMP-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	6in
PMKG-46-IMP-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	6in
PMKG-126-IMP-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	6in
PMKG-28-IMP-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	8in
PMKG-38-IMP-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	8in
PMKG-48-IMP-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	8in
PMKG-128-IMP-P10		9-1/2 in to 12in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	8in

**All kits include galvanized steel strut rails and plated steel fasteners, except PMKG-12-IMP-P10, which does not have strut rails.*

Pole Mounting Kits for Integra Genesis Series Enclosures				
Part Number	Price	Pole Diameter	Kit Includes	For Use With Enclosure Width
PMKG-216-GEN-P10		2in	Galvanized steel strut rails, band clamps, and brackets; plated steel fasteners	16in
PMKG-316-GEN-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	16in
PMKG-416-GEN-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	16in
PMKG-1216-GEN-P10		9-1/2 in to 12in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	16in
PMKG-224-P10		2in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	24in
PMKG-324-P10		3in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	24in
PMKG-424-P10		4in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	24in
PMKG-1224-P10		9-1/2 in to 12in	Galvanized steel strut rails, pipe clamps, and brackets; plated steel fasteners	24in

Polycarbonate Enclosures – Accessories



Slotted DIN Rail 35mm x 7mm Plated Steel			
Part Number	Price	Length	For Use With
DIN4-IMP-P10		3.82 [97]	4in wide Impact series enclosures
DIN6-IMP-P10		4.88 [124]	6in wide Impact series enclosures
DIN8-IMP-P10		6.75 [171]	8in wide Impact series enclosures
DIN6-P10		4.88 [124]	6in wide Premium series enclosures
DIN8-P10		6.75 [171]	8in wide Premium series enclosures
DIN10-P10		8.88 [225]	10in wide Premium series enclosures
DIN12-P10		10.75 [273]	12in wide Premium series enclosures
DIN14-P10		12.75 [324]	14in wide Premium series enclosures
DIN16-P10		15.00 [381]	16in wide Premium series enclosures
DIN16-GEN-P10		21.13 [537]	16in wide Genesis series enclosures
DIN24-P10		23.63 [600]	24in wide Genesis series enclosures

*Notes: Each item includes (2) DIN rails and mounting hardware.
Dimensions in inches [millimeters].*



Mounting Feet Kits			
Part Number	Price	Material	For Use With
MFKG-P10		polycarbonate	Premium series enclosures
MFKSS-P10		304 stainless steel	Premium series enclosures

Note: Each kit includes (4) mounting feet and mounting hardware.



Screw Packs (10 Pcs)					
Part Number	Price	Screw Type	Size	Screw Head	For Use With
SP-8-P10		25-thread cutting	#8-32 x 3/8 in	Phillips pan head	4in and 6in wide Impact series enclosures
SP-10I-P10		25-thread cutting	#10-32 x 3/8 in	Phillips pan head	8in wide Impact series and all Premium series enclosures
GMFLK-SCREWS-P10		Machine-screw	1/4-20 UNC x 1/2 in	Phillips pan head	Genesis series mounting flanges
GSP10-P10		25-thread cutting	#10-32 x 1/2 in	Phillips pan head	Genesis series polycarbonate enclosures



Polycarbonate Enclosures – Accessories



Outdoor Labyrinth Vent				
Part Number	Price	Material	Dimension HxWxD	For Use With
VENT-2-P10		polypropylene	2.72 x 2.03 x 0.88 [69 x 52 x 22]	Impact, Premium and Genesis series enclosures
<i>Notes: Installation of vent de-rates enclosure to NEMA 3R. Dimensions in inches [millimeters].</i>				



Replacement Quick-Release Latches			
Part Number	Price	Latch Material	For Use With
SSL-KIT-P10		304 stainless steel	Premium and Genesis series enclosures
KIT-GPCL-2PK-P10		glass-filled nylon	Genesis series enclosures (set of 2)



SSL-KIT-P10



KIT-GPCL-2PK-P10