

POLYLINE®



POLYLINE® Polycarbonate Enclosures

From Allied Moulded Products, Inc.

Experts in manufacturing nonmetallic enclosures for industrial applications



*Click on the information located within the table of contents to be quickly directed to your desired page.
Use the "Index" option at the top right of each page to return to the table of contents.*

AMP Series Features & Benefits

POLYLINE® Features & Benefits	2
Summary of Product Options	3
POLYLINE® Physical Properties.....	3
Certificate of Conformance to Industry Standards.....	3
General Enclosure Specification Guidelines	4
Corrosion Resistance Guidelines.....	4

AMP Series - POLYLINE® JIC Size Junction Boxes

Lift-Off Screw Cover - Solid/Opaque.....	5
Lift-Off Screw Cover - Clear Polycarbonate	7
Hinged Screw Cover - Solid/Opaque	9
Hinged Screw Cover - Clear Polycarbonate.....	11
Nonmetallic Snap Latch Hinged Cover - Solid/Opaque.....	13
Nonmetallic Snap Latch Hinged Cover - Clear Polycarbonate	15
Metal Snap Latch Hinged Cover - Solid/Opaque	17
Metal Snap Latch Hinged Cover - Clear Polycarbonate	19

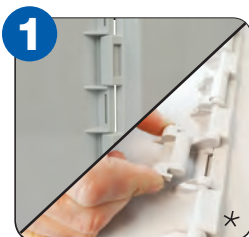
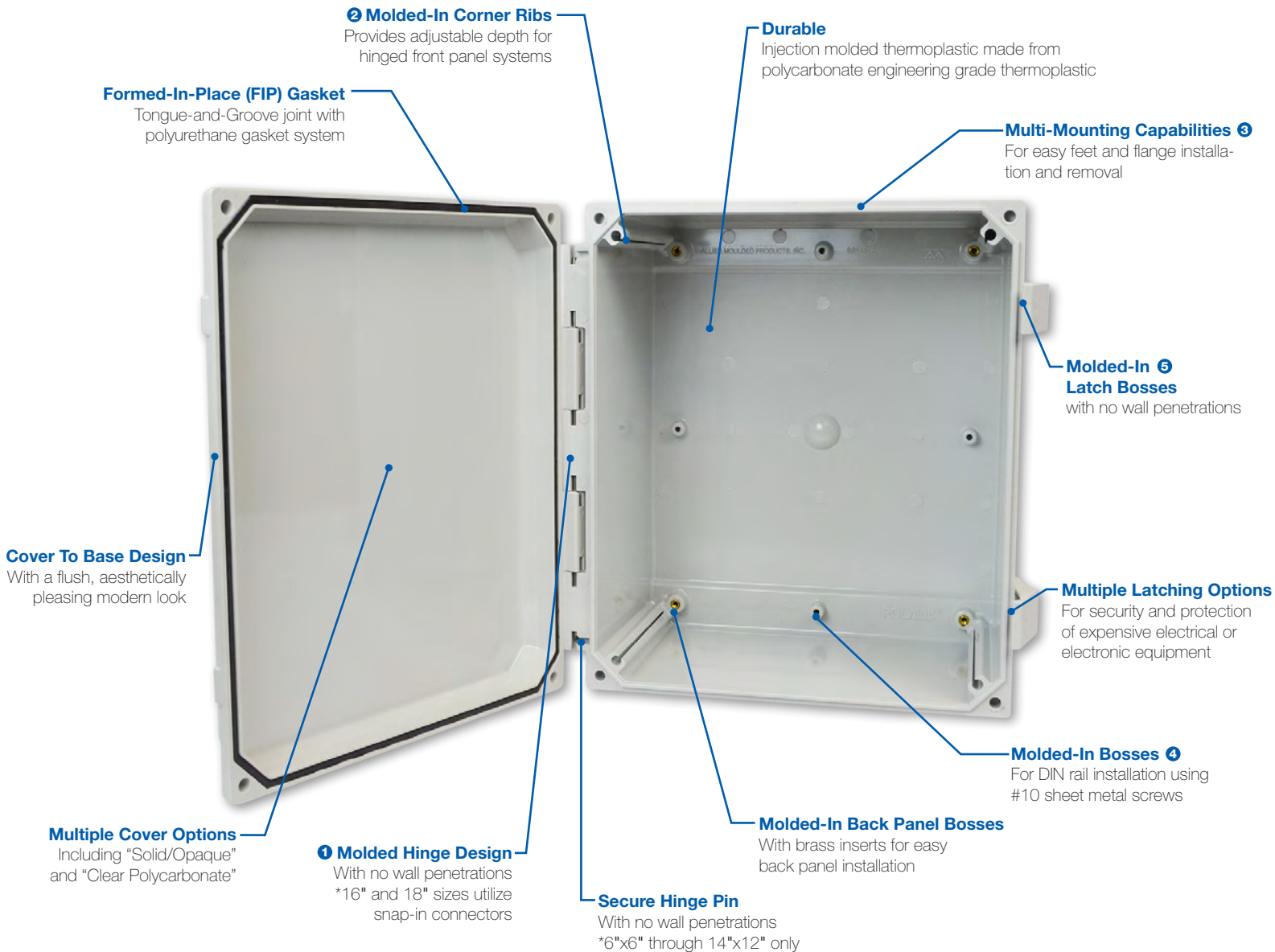
POLYLINE® Optional Accessories

Optional Back Panels	21
Optional Hinged Front Panels.....	21
Hinged Front Panels Installed.....	22

[Click Here To Watch Our POLYLINE® Video For More Information!](#)

POLYLINE® AMP Series Features & Benefits

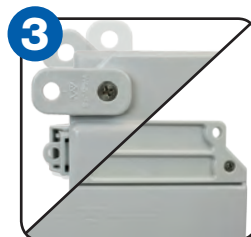
POLYLINE® comes standard with multi-mounting capability including an out-of-the-box mounting flange or adjustable mounting feet which adapt to various mounting configurations. Featuring metallic or nonmetallic latches and molded-in latch keepers and mounting bosses, a tongue-and-groove seal joint between cover and base, POLYLINE® is the ultimate in polycarbonate enclosures. A clear polycarbonate cover option is also available for instrumentation applications where critical electronic equipment must be visible and protected from the elements.



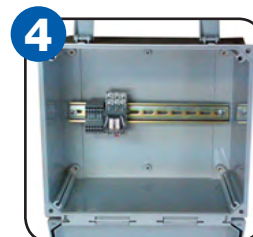
Molded Hinge Design
*New Hinge Design
For 16" & 18" only



Molded-In Corner Ribs



Multi-Mounting Capabilities



Molded-In Bosses



Latch Bosses



Summary of Product Options

Base Number Size	Size (inches)	Cover Options		Cover Attachment Options				Mount Options	
		Opaque Cover (none)	Clear Cover (CC)	Screw Cover (none)	Hinged Screw Cover (H)	Hinged Nonmetal Latch (NL)	Hinged Snap Latch (L)	Foot Mount (none)	Flange Mount (F)
AMP664	6x6x4	✓	✓	✓	✓	✓	✓	✓	✓
AMP864	8x6x4	✓	✓	✓	✓	✓	✓	✓	✓
AMP884	8x8x4	✓	✓	✓	✓	✓	✓	✓	✓
AMP1084	10x8x4	✓	✓	✓	✓	✓	✓	✓	✓
AMP1206	12x10x6	✓	✓	✓	✓	✓	✓	✓	✓
AMP1426	14x12x6	✓	✓	✓	✓	✓	✓	✓	✓
AMP1648	16x14x8	✓	✓	✓	✓	✓	✓	✓	✓
AMP1860	18x16x10	✓	✓	✓	✓	✓	✓	✓	✓

POLYLINE® Physical Properties

Enclosure Material Typical Properties	ASTM Test Method	Polycarbonate
Impact Strength (ft - lb/in)	D 256	12
Flexural Strength (psi)	D 790	13,000
Tensile Strength (psi)	D 638	9,000
Compressive Strength (psi)	D 695	11,000
Water Absorption (%)	D 570	0.25
Specific Gravity	D 792	1.20
Shrinkage in/in	D 955	0.007
Hardness (Barcol-Rockwell M-Shore A)	D 2583	75
Elongation (%)	D 638	7.00
Dielectric Strength (kV/in)	D 149	732
Arc Resistance (sec)	D 495	117
Flammability	UL 94	V-0
Heat Deflection (°F at 264 psi)	D 648	266
Service Temperature (°F)		-31°F to 266°F
K Factor, Thermal Conductivity (BTU/hr/ft ² /°F/in)	D1269E	1.25
Thermal Expansion (10 ⁻⁶ in/in/°F)	D 696	36
UV Rating	UL 746C	(f1)

Certificate of Conformance to Industry Standards

POLYLINE® industrial enclosures manufactured by Allied Moulded Products, Inc. and bearing the UL® and CSA labels have been tested and certified to the following standards:

UL 50	Enclosures For Electrical Equipment
UL 50E	Enclosures For Electrical Equipment, Environmental Considerations
UL 508A	Industrial Control Panels
UL 746C	Polymeric Materials – Use In electrical Equipment Evaluations
CSA-C22 No. 14	Industrial Control Equipment
CAN/CSA-C22 No. 94	Special Purpose Enclosures

AMP model sizes 14"x12"x6" and smaller, utilizing covers secured with four mounting screws are UL® and CSA listed Type 6P.

AMP series meet IEC60529 Type IP66. Models rated NEMA 6P meet IEC60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8meters).

Allied Moulded Products AMP Series POLYLINE® enclosures are certified:

UL types 1, 2, 3, 3R, 4, 4X, 12 and 13
CSA types 1, 2, 3, 3R, 4, 4X, 12 and 13
NEMA types 1, 2, 3, 3R, 4, 4X, 12 and 13

General Enclosure Specifying Guidelines

	Metal Enclosures			Nonmetal Enclosures			
	304 SS	316 SS	Painted CS	Polycarbonate	Compression FRP	Gelcoat FRP	Custom PVC
Cost	4	5	1	2	3	4	4
Weight	5	5	5	2	3	3	2
Impact (flex)	N/A	N/A	N/A	4	3	3	2
Flex Strength (rigidity)	N/A	N/A	N/A	13,000 psi	23,000 psi	33,400 psi	10,500 psi
MFG Process Type	Fabricated sheet	Fabricated sheet	Fabricated sheet	Injection Mold	Compression Mold	Open Mold	Fabricated sheet
Size Limits	Custom NL	Custom NL	Custom NL	Typically up to 18" Max	Typically up to 36" Max	Typically 36" up to 90"	Custom NL
Outdoor Corrosion (rating)	NEMA 4	NEMA 4X	NEMA 4	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4

Note: Those categories containing rating numbers are based on 1 as low and 5 as high.

Corrosion Resistance Guidelines

	Solvents	Alkalis	Mild Acids
Examples	cleaning solvents carbon tetrachloride isopropyl alcohol perchloroethylene toluene xylene	ammonium chloride ammonium nitrate calcium hydroxide calcium hypochlorite magnesium hydroxide sodium hypochlorite	aluminum chloride boric acid calcium chloride potassium nitrate sea water sodium nitrate zinc chloride
Recommended	304 SS 316 SS Compression Fiberglass Aluminum	304 SS 316 SS	Compression Fiberglass Gelcoat Fiberglass Polycarbonate 304 SS 316 SS
Satisfactory	Painted Carbon Steel Gelcoat Fiberglass	Polycarbonate Gelcoat Fiberglass Compression Fiberglass	Painted Carbon Steel
Limited Use	Polycarbonate	Painted Carbon Steel Aluminum	Aluminum

Note: This chart is only intended to be used as a general guideline for applying "typical" metal and nonmetal enclosures in chemical environments. Allied Moulded Products, Inc. recommends specific material compatibility tests for the most accurate application of enclosures. Please contact Allied Moulded customer service for specific requirements.



AMP Series - POLYLINE® JIC Size Junction Boxes:

Lift-Off Screw Cover – Solid/Opaque



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12"), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12"), 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12") 12 and 13
 - IEC 60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
- RoHS directive

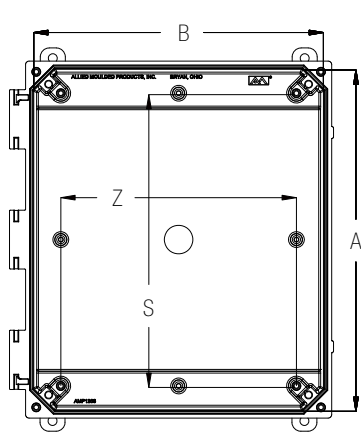
Construction

- Injection molded polycarbonate thermoplastic – clear cover, enclosure base, feet and flanges
- Enclosure base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel captive cover screws and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

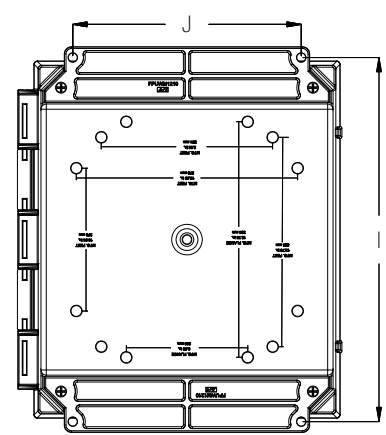
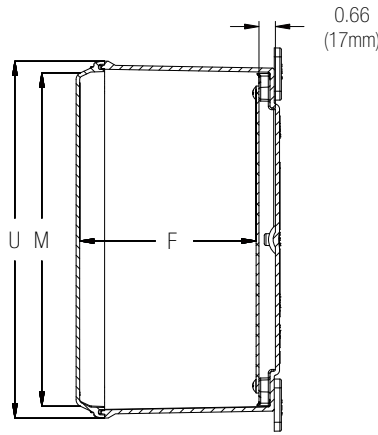
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Screw Cover - Solid / Opaque

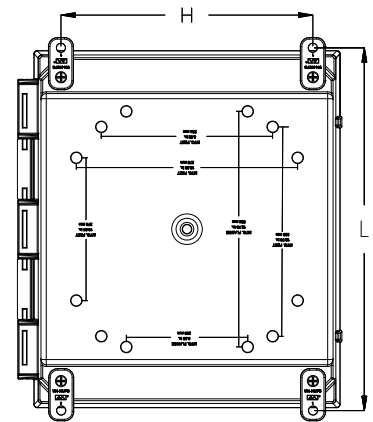
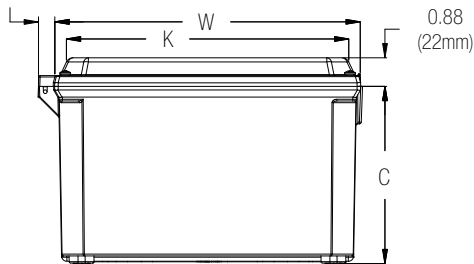


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		F	S	Z	J	I	H	L	K	M	W	
AMP664(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Sizes 6" x 6" x 4" up through 14" x 12" x 6" are rated 6P (IP68)

Add "F" to the part number for factory installed flanges (ex. AMP664F)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664)

*Data subject to change without notice



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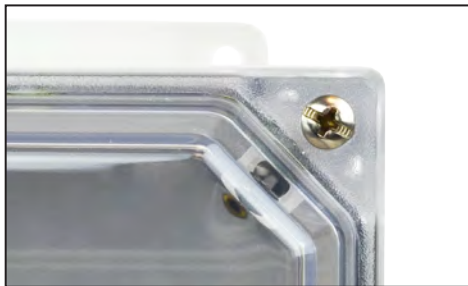
www.alliedmoulded.com

Courtesy of Steven Engineering, Inc. - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Screw Cover

AMP Series - POLYLINE® JIC Size Junction Boxes:

Screw Cover – Clear Polycarbonate



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12"), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12"), 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12") 12 and 13
 - IEC 60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
- RoHS directive

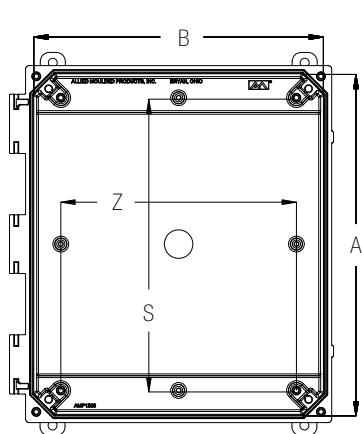
Construction

- Injection molded polycarbonate thermoplastic – clear cover, enclosure base, feet and flanges
- Enclosure base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel captive cover screws and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

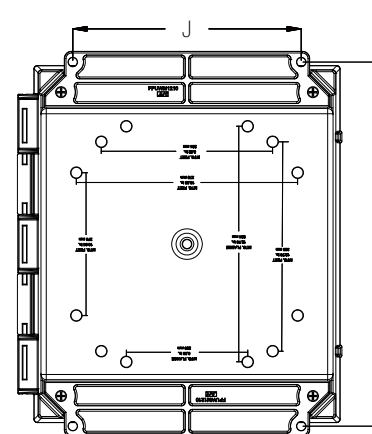
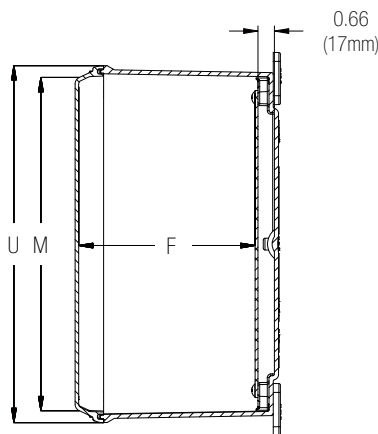
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Screw Cover - Clear Polycarbonate

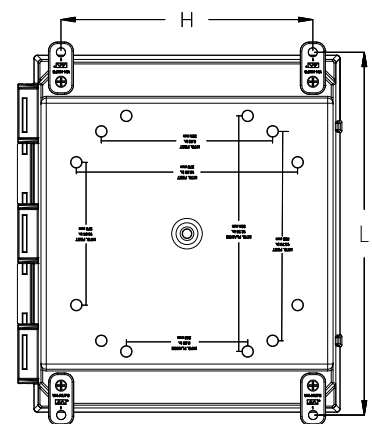
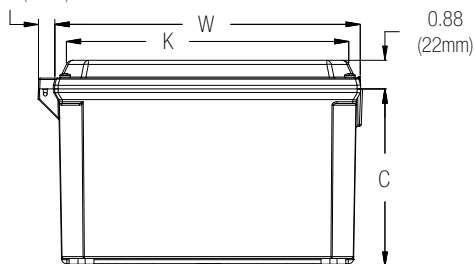


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		F	S	Z	J	I	H	L	K	M	W	
AMP664CC(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864CC(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884CC(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084CC(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206CC(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426CC(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648CC(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860CC(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

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"I" dimensions with multiple numbers indicate slotted holes

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Add "F" to the part number for factory installed flanges (ex. AMP664F)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664)

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Screw Cover

AMP Series - POLYLINE® JIC Size Junction Boxes:

Hinged Screw Cover – Solid/Opaque



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
- RoHS directive

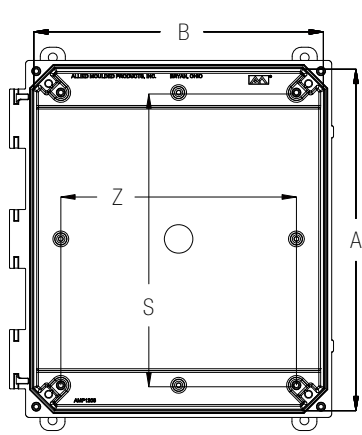
Construction

- Injection molded polycarbonate thermoplastic – opaque cover, enclosure base, feet and flanges
- Opaque cover, base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel captive cover screws, hinge pin and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

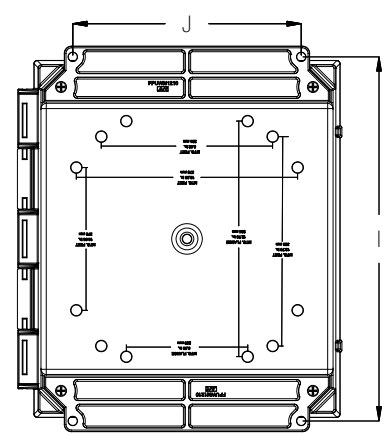
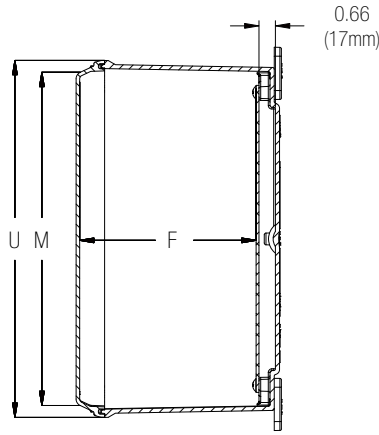
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Hinged Screw Cover - Solid / Opaque

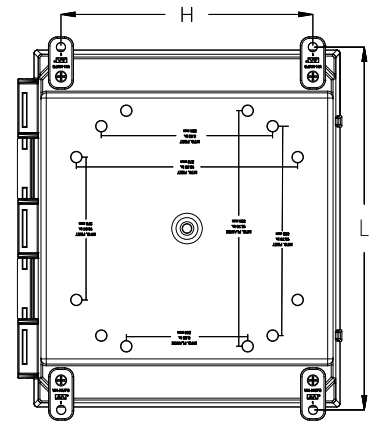
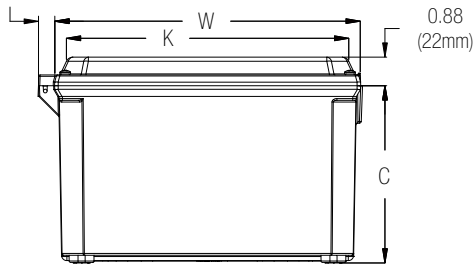


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		F	S	Z	J	I	H	L	K	M	W	
AMP664H(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864H(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884H(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084H(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206H(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426H(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648H(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860H(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Add "F" to the part number for factory installed flanges (ex. AMP664HF)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664H)

*Data subject to change without notice



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Hinged Screw Cover

Courtesy of Steven Engineering, Inc. - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

AMP Series - POLYLINE® JIC Size Junction Boxes:

Hinged Screw Cover – Clear Polycarbonate



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
- RoHS directive

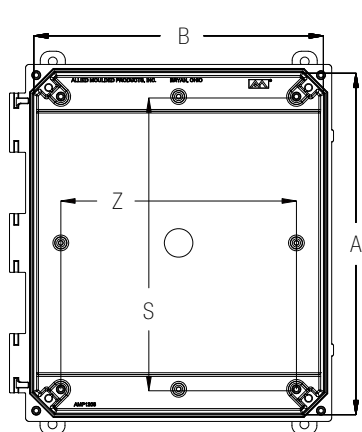
Construction

- Injection molded polycarbonate thermoplastic – clear cover, enclosure base, feet and flanges
- Enclosure base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel captive cover screws, hinge pin and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

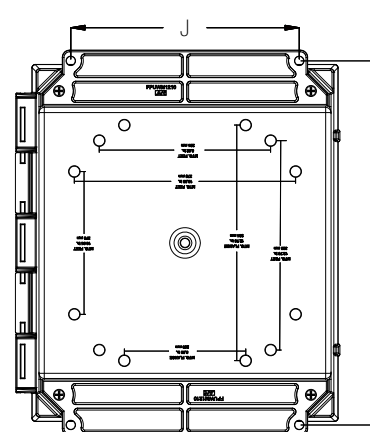
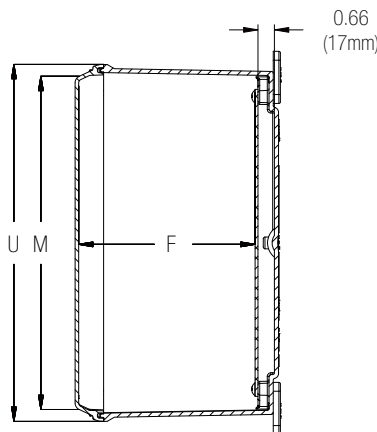
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Hinged Screw Cover - Clear Polycarbonate

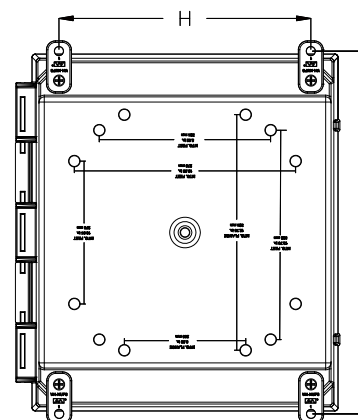
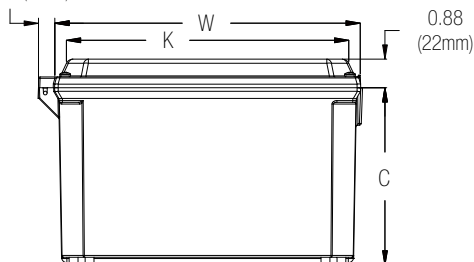


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		F	S	Z	J	I	H	L	K	M	W	
AMP664CCH(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864CCH(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884CCH(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084CCH(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206CCH(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426CCH(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648CCH(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860CCH(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Add "F" to the part number for factory installed flanges (ex. AMP664CCHF)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CCH)

*Data subject to change without notice



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Hinged Screw Cover

AMP Series - POLYLINE® JIC Size Junction Boxes:

**Nonmetal Snap Latch Hinged Cover
– Solid/Opaque**



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
- RoHS directive

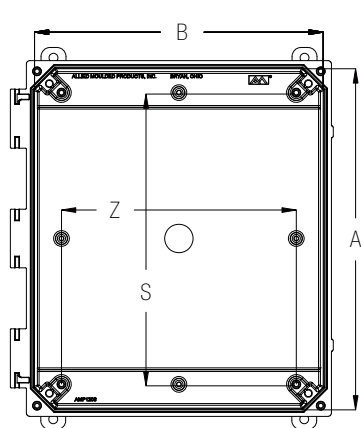
Construction

- Injection molded polycarbonate thermoplastic – opaque cover, enclosure base, snap latches, feet and flanges
- Opaque cover, base, padlockable snap latches, feet, and flanges – Light gray color (RAL 7035) Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel, hinge pin and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

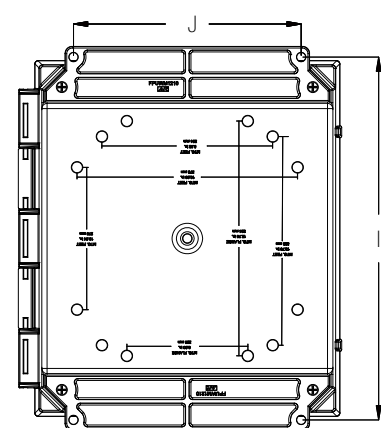
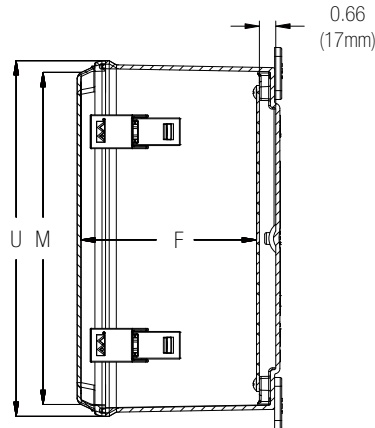
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Nonmetal Snap Latch - Solid / Opaque

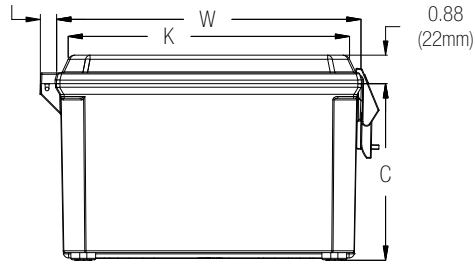


NOTE: COVER REMOVED FOR CLARITY



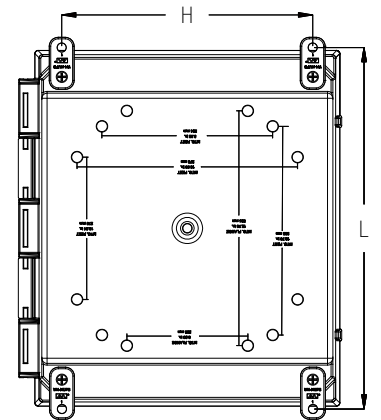
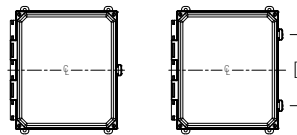
FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON	FOR USE ON
6 x 6 x 4	12 x 10 x 6 D=7.50 (191mm)
8 x 6 x 4	14 x 12 x 6 D=8.00 (203mm)
8 x 8 x 4	16 x 14 x 8 D=10.5 (267mm)
10 x 8 x 4	18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth F	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		S	Z	J	I	H	L	K	M	W	U	
AMP664NL(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864NL(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884NL(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084NL(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206NL(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426NL(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648NL(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860NL(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Add "F" to the part number for factory installed flanges (ex. AMP664NLF)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664NL)

*Data subject to change without notice



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Nonmetal Snap Latch

AMP Series - POLYLINE® JIC Size Junction Boxes:

**Nonmetal Snap Latch Hinged Cover
– Clear Polycarbonate**



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
- RoHS directive

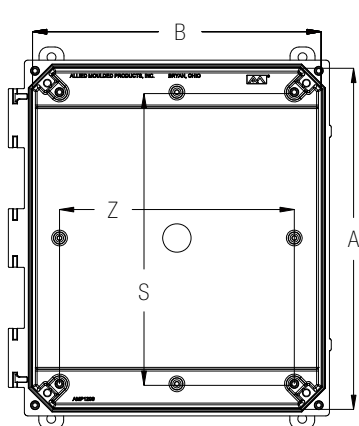
Construction

- Injection molded polycarbonate thermoplastic – clear cover, enclosure base, snap latches feet and flanges
- Clear cover, base, padlockable snap latches, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel, hinge pin and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

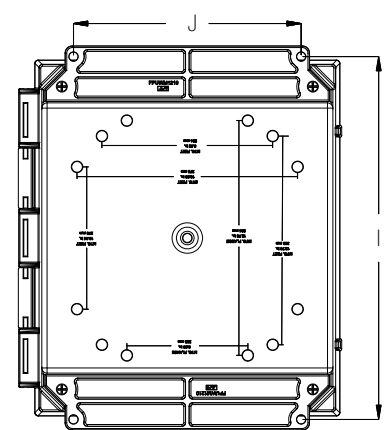
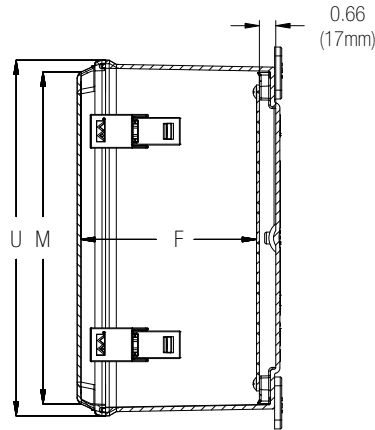
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Nonmetal Snap Latch - Clear Polycarbonate

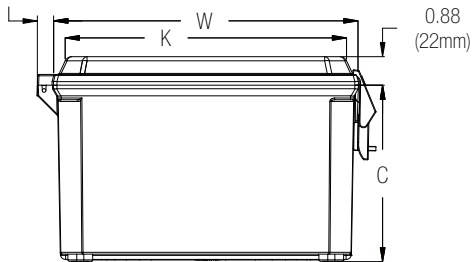


NOTE: COVER REMOVED FOR CLARITY



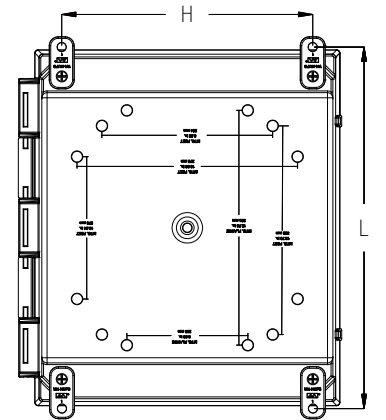
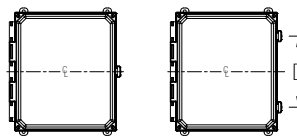
FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON FOR USE ON
6 x 6 x 4 12 x 10 x 6 D=7.50 (191mm)
8 x 6 x 4 14 x 12 x 6 D=8.00 (203mm)
8 x 8 x 4 16 x 14 x 8 D=10.5 (267mm)
10 x 8 x 4 18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		F	S	Z	J	I	H	L	K	M	W	
AMP664CCNL(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864CCNL(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884CCNL(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084CCNL(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206CCNL(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426CCNL(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648CCNL(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860CCNL(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted
"I" dimensions with multiple numbers indicate slotted holes

Add "F" to the part number for factory installed flanges (ex. AMP664CCNL(F))

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CCNL)

*Data subject to change without notice



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Nonmetal Snap Latch

AMP Series - POLYLINE® JIC Size Junction Boxes:

**Metal Snap Latch Hinged Cover
– Solid/Opaque**



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
- RoHS directive

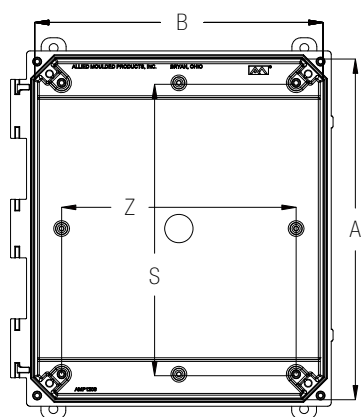
Construction

- Injection molded polycarbonate thermoplastic – opaque cover, enclosure base, feet and flanges
- Opaque cover, base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel padlockable snap latches, hinge pin and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

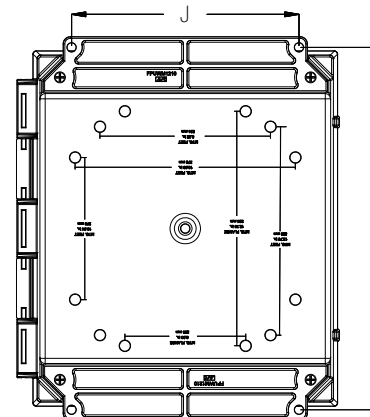
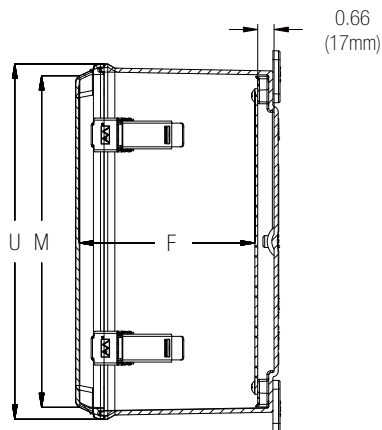
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Metal Latch Cover - Solid / Opaque

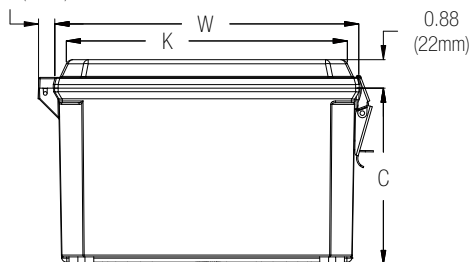


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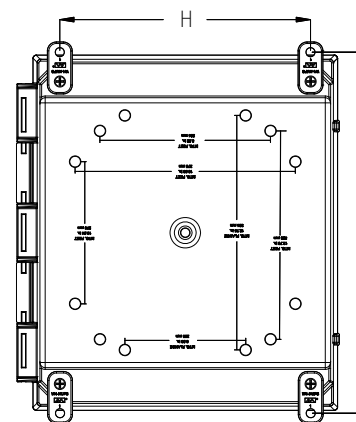
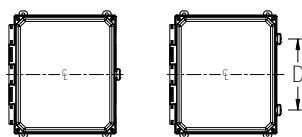
FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON	FOR USE ON
6 x 6 x 4	12 x 10 x 6 D=7.50 (191mm)
8 x 6 x 4	14 x 12 x 6 D=8.00 (203mm)
8 x 8 x 4	16 x 14 x 8 D=10.5 (267mm)
10 x 8 x 4	18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		F	S	Z	J	I	H	L	K	M	W	
AMP664L(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864L(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884L(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084L(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206L(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426L(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648L(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860L(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Add "F" to the part number for factory installed flanges (ex. AMP664LF)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664L)

*Data subject to change without notice



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Metal Snap Latch

AMP Series - POLYLINE® JIC Size Junction Boxes:

**Metal Snap Latch Hinged Cover
– Clear Polycarbonate**



PRODUCT INFORMATION

Application

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
- RoHS directive

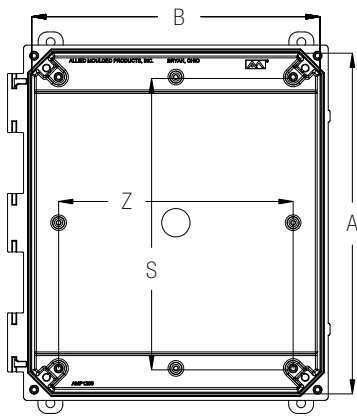
Construction

- Injection molded polycarbonate thermoplastic – clear cover, enclosure base, feet and flanges
- Enclosure base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel padlockable snap latches, hinge pin and foot/flange mounting hardware
- Cover seal – Formed-In-Place (FIP) polyurethane gasket system
- #10-32 threaded brass inserts are installed for optional back panel mounting

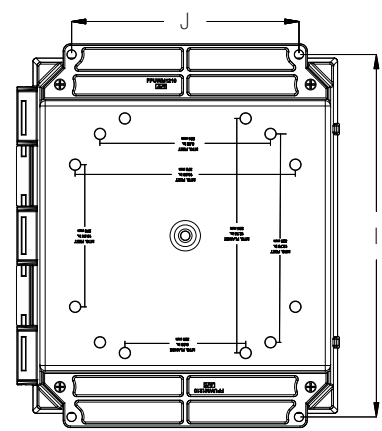
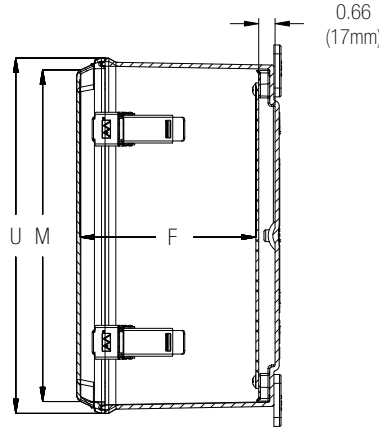
Accessories

- Optional back panels (white painted steel and aluminum) and hinged front panels (aluminum)
- Optional mounting hardware based on model number – foot or flange mount
- Additional molded-in mounting bosses available for directly mounting DIN rails

Metal Latch Cover - Clear Polycarbonate

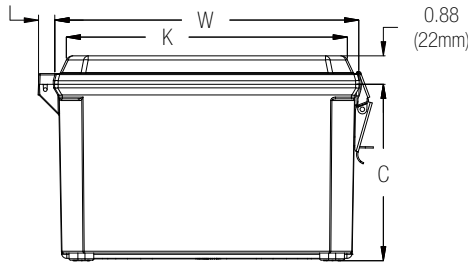


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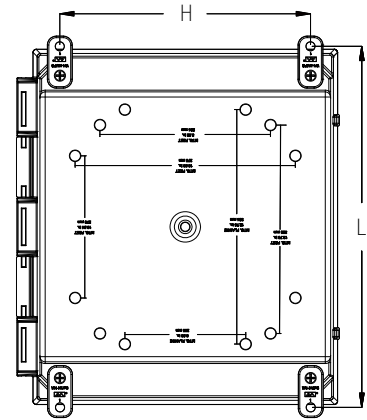
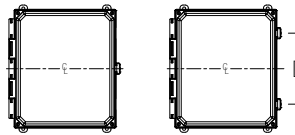
FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON FOR USE ON
6 x 6 x 4 12 x 10 x 6 D=7.50 (191mm)
8 x 6 x 4 14 x 12 x 6 D=8.00 (203mm)
8 x 8 x 4 16 x 14 x 8 D=10.5 (267mm)
10 x 8 x 4 18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT



Part No.	Box Size Inside Dimensions			Usable Depth F	Panel Boss Centers		Flange Mount Centers		Foot Mount Centers		Cover Size				Nom. Wall Thickness
	A	B	C		S	Z	J	I	H	L	K	M	W	U	
AMP664CCL(F)	6.03	6.26	3.94	4.06	4.25	4.25	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50	0.14
	153mm	159mm	100mm	103mm	108mm	108mm	102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm	3.7mm
AMP864CCL(F)	7.94	6.16	3.94	4.06	6.25	4.25	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50	0.14
	202mm	156mm	100mm	103mm	159mm	108mm	102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm	3.7mm
AMP884CCL(F)	7.94	8.16	3.94	4.06	6.25	6.25	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50	0.14
	202mm	207mm	100mm	103mm	159mm	159mm	152mm	222mm	176mm	222mm	200mm	195mm	221mm	216mm	3.7mm
AMP1084CCL(F)	9.93	8.15	3.94	4.06	8.25	6.25	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50	0.14
	252mm	207mm	100mm	103mm	210mm	159mm	152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm	3.7mm
AMP1206CCL(F)	11.93	10.15	5.94	6.06	10.25	8.25	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50	0.14
	303mm	258mm	151mm	154mm	260mm	210mm	203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm	3.7mm
AMP1426CCL(F)	13.85	12.07	5.94	5.99	12.25	10.25	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50	0.19
	352mm	307mm	151mm	152mm	311mm	260mm	254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm	4.8mm
AMP1648CCL(F)	15.98	13.98	7.81	8.27	14.25	12.25	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23	0.19
	406mm	355mm	198mm	210mm	362mm	311mm	305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm	4.8mm
AMP1860CCL(F)	18.04	16.04	9.81	10.27	16.25	14.25	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.09	19.28	0.19
	458mm	407mm	249mm	261mm	413mm	362mm	305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm	4.8mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Add "F" to the part number for factory installed flanges (ex. AMP664CCLF)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CCL)

*Data subject to change without notice



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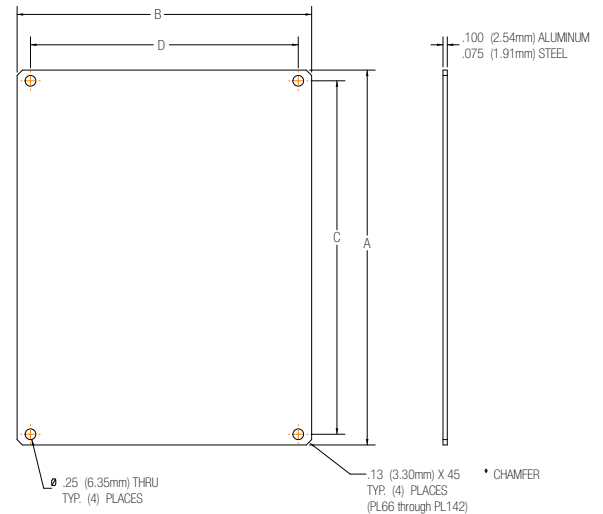
Metal Snap Latch

POLYLINE® Series Optional Back Panels:

“PL” Painted White Carbon Steel
or “PLA” Aluminum

STEEL (P/N)	ALUM (P/N)	A	B	C	D
PL66	PLA66	4.81 122 mm	4.81 122 mm	4.25 108 mm	4.25 108 mm
PL86	PLA86	6.75 171 mm	4.88 124 mm	6.25 159 mm	4.25 108 mm
PL88	PLA88	6.75 171mm	6.88 175mm	6.25 159mm	6.25 159mm
PL108	PLA108	8.75 222 mm	6.88 175 mm	8.25 210 mm	6.25 159 mm
PL120	PLA120	10.75 273 mm	8.88 226 mm	10.25 260 mm	8.25 210 mm
PL142	PLA142	12.75 324 mm	10.88 276 mm	12.25 311 mm	10.25 260 mm
P164	PA164	14.75 375mm	12.88 327mm	14.25 362mm	12.25 311mm
P186	PA186	16.88 429mm	14.88 378mm	16.25 413mm	14.25 362mm

All dimensions are in inches unless otherwise noted.

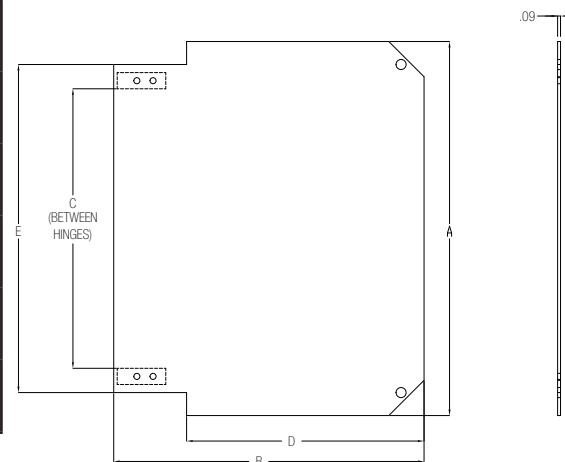
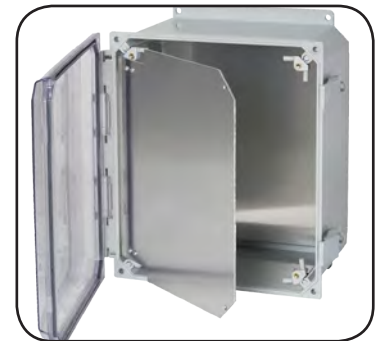


POLYLINE® Series Optional Adjustable Hinged Front Panels:

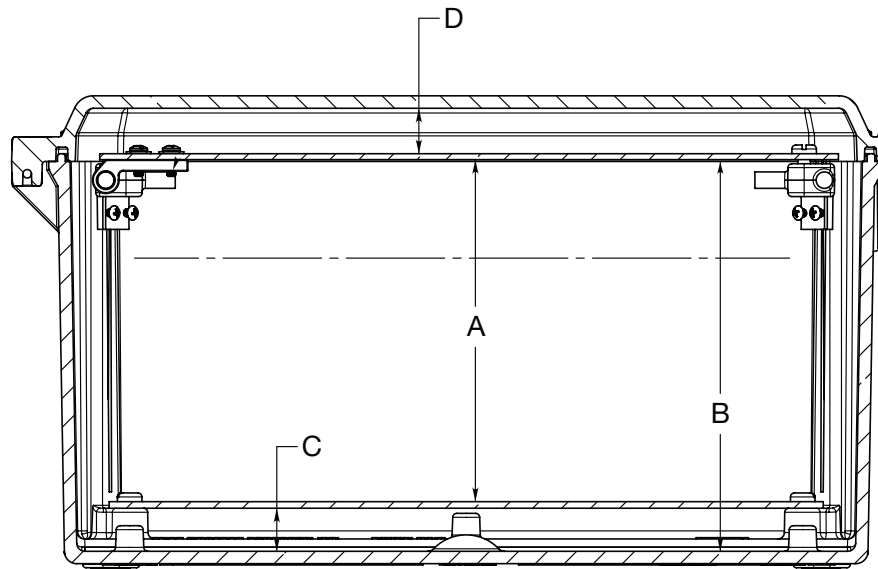
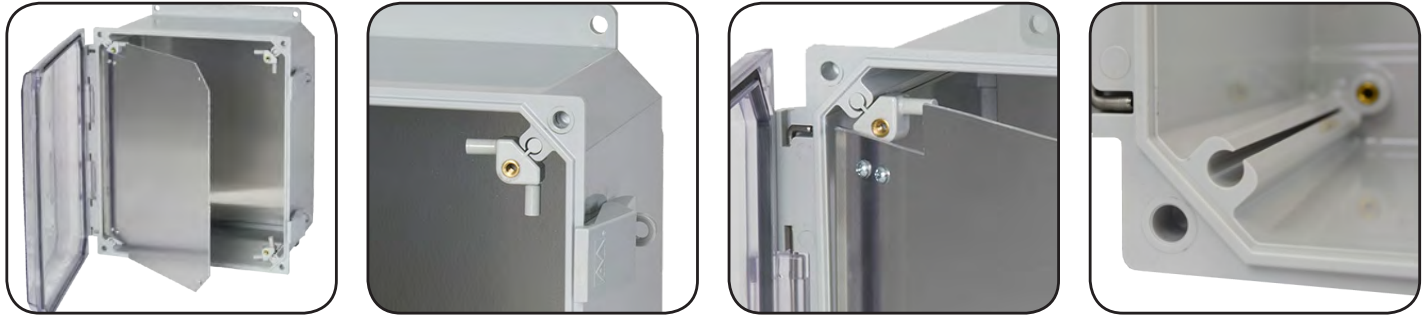
“HFPP” aluminum panel systems

HFPP Kit (P/N)	Enclosure Base (P/N)	A	B	C	D	E
HFPP66	AMP664	5.44 138 mm	5.61 142 mm	2.64 67 mm	3.36 85 mm	4.19 106 mm
HFPP86	AMP864	7.44 189 mm	5.61 142 mm	4.67 119 mm	3.36 85 mm	6.19 157 mm
HFPP88	AMP884	7.44 189mm	7.63 194mm	4.64 118mm	5.38 137mm	6.19 157mm
HFPP108	AMP1084	9.43 239 mm	7.63 194 mm	6.63 168 mm	5.38 137 mm	8.18 208 mm
HFPP120	AMP1206	11.55 293 mm	9.58 243 mm	8.63 219 mm	7.33 186 mm	10.13 257 mm
HFPP142	AMP1426	13.10 333 mm	11.25 286 mm	10.61 269 mm	9.00 229 mm	11.75 298 mm
HFPP164	AMP1648	14.75 375mm	12.88 327mm	12.23 245mm	12.13 289mm	13.44 339mm
HFPP186	AMP1860	16.88 429mm	14.88 378mm	14.19 295mm	14.13 340mm	15.44 393mm

All dimensions are in inches unless otherwise noted.



POLYLINE® Series Adjustable Hinged Front Panels Installed:



	Enclosure Used With	Optional Aluminum Back Panel	Optional Aluminum Back Panel	Optional Steel Back Panel	Optional Steel Back Panel	Without Optional Back Panel	Without Optional Back Panel	C=BOTTOM to Panel Mount Bosses	D=Hinged Front Panel to Inside Cover	D=Hinged Front Panel to Inside Cover
HFPP Kit (P/N)	(base P/N)	A (MAX.)	A (MIN.)	A(MAX.)	A(MIN.)	B(MAX.)	B(MIN.)		(MIN.)	(MAX.)
HFPP66	AMP664	3.21 82mm	1.71 43mm	3.24 82mm	1.74 44mm	3.96 101mm	2.47 63mm	.66 17mm	.76 19mm	2.26 57mm
HFPP86	AMP864	3.22 82mm	1.72 44mm	3.25 83mm	1.75 44mm	3.96 101mm	2.46 62mm	.66 17mm	.76 19mm	2.26 57mm
HFPP88	AMP884	3.21 82mm	1.71 43mm	3.24 82mm	1.74 44mm	3.96 101mm	2.46 62mm	.66 17mm	.76 19mm	2.26 57mm
HFPP108	AMP1084	3.21 82mm	1.71 43mm	3.24 82mm	1.74 44mm	3.96 101mm	2.46 62mm	.66 17mm	.76 19mm	2.26 57mm
HFPP120	AMP1206	5.21 132mm	3.71 94mm	5.24 133mm	3.74 95mm	5.96 151mm	4.47 114mm	.66 17mm	.76 19mm	2.38 60mm
HFPP142	AMP1426	5.21 132mm	3.71 94mm	5.24 133mm	3.74 95mm	5.97 152mm	4.47 114mm	.66 17mm	.69 18mm	2.19 56mm
HFPP164	AMP1648	6.95 177mm	1.25 32mm	6.98 177mm	1.28 33mm	7.72 196mm	2.02 51mm	.66 17mm	1.19 30mm	6.89 175mm
HFPP186	AMP1860	8.95 227mm	1.25 32mm	8.98 228mm	1.28 33mm	9.72 247mm	2.02 51mm	.66 17mm	1.19 30mm	8.89 226mm

All dimensions are in inches unless otherwise noted.



POLYLINE®

Allied Moulded Products, Inc. manufactures a complete line of corrosion and UV resistant NEMA Type 4X nonmetallic enclosures for indoor or outdoor industrial applications. Allied Moulded enclosures are manufactured of engineering grades of thermoset and thermoplastics and offer all the advantages of nonmetallic materials including: UL® (listed), RoHS compliance, increased strength, reduced weight, corrosion resistance, non-conductivity, UV resistance and ease of installation.



Allied Moulded Brand Names: ULTRALINE®, ULTRAGUARD®, POLYLINE®

Enclosure Families and Size Ranges (inches):

Small Junction Boxes: 7x4x3 through 9x4x3

JIC Series: 6x6x4 through 20x16x10

Control Series: 24x24x8 through 30x24x10

Empire Series: 36x30x12 through 72x49x25

Optional Accessories

- Hole Plugs
- Pole Mount Kits
- Back Panels
- Hinged Front Panels
- Keylock Kits
- Vent Kits
- Print Pockets
- Exhaust Filter Kit
- Mounting Brackets & Latch Kits



**ALLIED
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www.alliedmoulded.com

Available Through:

POLYLINE® Catalog, May 2015