

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

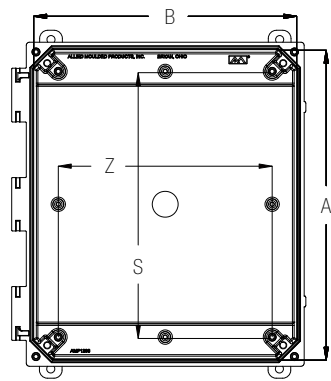
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12"), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12"), 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6" x 6" up through 14" x 12") 12 and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

Construction

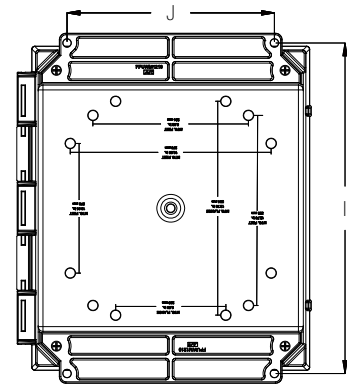
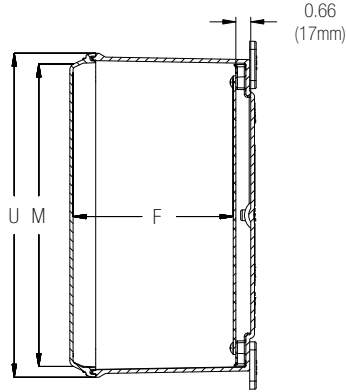
- Injection molded polycarbonate thermoplastic – opaque cover, enclosure base, feet and flange
- Enclosure base, feet, and flanges – Light gray color (RAL 7035)
Note: flanged models are pre-assembled, foot models mounting hardware supplied in a bag
- Stainless steel captive cover screws and foot/flange 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

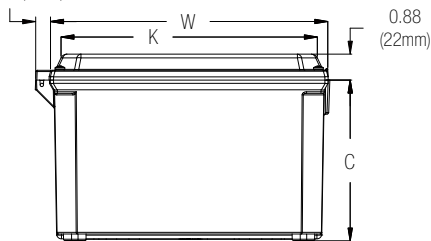


NOTE: COVER REMOVED FOR CLARITY

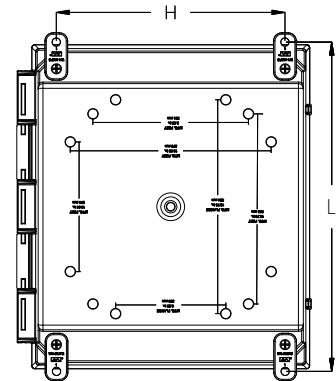


FLANGE MOUNT

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)



*Nom. Wall Thickness: .14 (4mm);
 sizes 14"through18" .19 (5mm)



FOOT MOUNT

Part No.	Box Size			Usable Depth	Panel Boss Centers			Back Panel Size			Flange Mount Centers		Foot Mount Centers		Cover Size			
	A	B	C		F	S	Z	Ht.	Wid.	P/N	J	I	H	L	K	M	W	U
AMP664 AMP664F	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66 PLA66	4.00	6.88, 6.75	4.91	6.75	5.89	5.67	6.72	6.50
	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm			102mm	175, 171mm	125mm	171mm	150mm	144mm	171mm	165mm
AMP864 AMP864F	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86 PLA86	4.00	8.88, 8.75	4.91	8.75	5.89	7.67	6.72	8.50
	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm			102mm	226, 222mm	125mm	222mm	150mm	195mm	171mm	216mm
AMP884 AMP884F	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88 PLA88	6.00	8.75	6.91	8.75	7.89	7.67	8.72	8.50
	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm			152mm	222mm	175mm	222mm	200mm	195mm	221mm	216mm
AMP1082 AMP1082F	9.93	8.15	2.70	2.68	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50
	252mm	207mm	69mm	68mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm
AMP1084 AMP1084F	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.89	9.67	8.72	10.50
	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	200mm	246mm	221mm	267mm
AMP1204 AMP1204F	11.93	10.15	4.08	4.16	10.25	8.25	10.75	8.88		PL120 PLA120	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50
	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm			203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm
AMP1206 AMP1206F	11.93	10.15	6.08	6.06	10.25	8.25	10.75	8.88		PL120 PLA120	8.00	12.75	8.82	12.70	9.89	11.67	10.72	12.50
	303mm	258mm	154mm	154mm	260mm	210mm	273mm	225mm			203mm	324mm	224mm	323mm	251mm	296mm	272mm	318mm
AMP1426 AMP1426F	13.85	12.07	6.13	5.99	12.25	10.25	12.75	10.88		PL142 PLA142	10.01	14.75, 14.62	10.82	14.70	11.89	13.67	12.72	14.50
	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm			254mm	375, 371mm	275mm	373mm	302mm	347mm	323mm	368mm
AMP1648 AMP1648F	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164 PA164	12	17.75	11.47	17.91	13.68	15.63	15.04	17.23
	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm			305mm	451mm	291mm	455mm	347mm	397mm	382mm	438mm
AMP1860 AMP1860F	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186 PA186	12	19.63, 19.51	13.72	19.91	15.68	17.68	17.10	19.28
	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm			305mm	499, 496mm	349mm	506mm	398mm	454mm	434mm	490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

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

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

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

Data subject to change without notice

