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Water-Tight ABS & Polycarbonate Enclosures *RP Series*

Clear Lid Options









RoHS

Key Features

- Ideally suited for mounting printed circuit boards or components.
- Choice of two materials:
  - General purpose ABS with a flame rating of UL94-HB
  - Polycarbonate with a flame rating of UL94-V2
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust, and water.
- For version with bottom flange, see **RPBF Series**.
- Rubber gasket is included and must be field installed.
- Lid includes smooth recessed area for membrane, label or silkscreen.
- Designed to meet IP 65.
- Lid is secured with self captivating M3.5 stainless steel machine screws (included), threaded into corrosion resistant bushings (for repetitive assembly & disassembly).
- Lid screws are self captivating (lid holes are threaded with the first installation of lid screws).
- Internal features are maximized for mounting options:
  - Internal DIN rail mounting tabs
  - PC board mounting posts
  - Options vary with size, please refer to drawings by clicking on the part numbers below.
- Extra self-tapping M3.5-0.6 x 10mm lid screws: **SC619-50**
- Extra self-tapping M3 x 6mm PC Board screws: **SC622-50**



Opaque Lid (ABS version shown)



Clear Lid (polycarbonate version shown)



Some models supplied with styled lid.



Some models supplied with deep lids.



Hardware includes lid screws, PC board screws, and gasket



Features corrosion resistant inserts for lid assembly



Internal mounting points for PC boards or panels



Internal DIN rail mounting point.

RP Series (No Flange)

Light Gray ABS Plastic (Opaque Lid)	Light Gray ABS Plastic (Clear Lid)	Off-White Polycarbonate (Opaque Lid)	Off-White Polycarbonate (Clear Lid)	Length	Width	Height (Including Lid)	Optional Inner Panels		Replacement Gasket (2-pk)
							Plastic	Aluminum	
RP1015	RP1015C	RP1010	RP1010C	65	60	28	STC102	STA102	RP102GASKET
RP1025	RP1025C	RP1020	RP1020C	65	60	40	STC102	STA102	RP102GASKET
RP1055	RP1055C	RP1050	RP1050C	85	80	40	STC106	STA106	RP106GASKET
RP1065	RP1065C	RP1060	RP1060C	85	80	55	STC106	STA106	RP106GASKET
RP1035	RP1035C	RP1030	RP1030C	95	50	40	STC104	STA104	RP103GASKET
RP1045	RP1045C	RP1040	RP1040C	95	50	50	STC104	STA104	RP103GASKET
RP1085	RP1085C	RP1080	RP1080C	105	75	40	STC109	STA109	RP108GASKET
RP1095	RP1095C	RP1090	RP1090C	105	75	55	STC109	STA109	RP108GASKET
RP1125	RP1125C	RP1120	RP1120C	126	86	40	STC113	STA113	RP113GASKET
RP1135	RP1135C	RP1130	RP1130C	126	86	53	STC113	STA113	RP113GASKET
RP1145	RP1145C	RP1140	RP1140C	125	85	70	STC113	STA113	RP113GASKET
RP1155	RP1155C	RP1150	RP1150C	125	85	85	STC113	STA113	RP113GASKET
RP1205	RP1205C	RP1200	RP1200C	145	105	45	STC121	STA121	RP120GASKET
RP1215	RP1215C	RP1210	RP1210C	145	105	65	STC121	STA121	RP120GASKET
RP1165	RP1165C	RP1160	RP1160C	165	85	40	STC117	STA117	RP117GASKET
RP1195	RP1195C	RP1190	RP1190C	165	85	70	STC117	STA117	RP117GASKET
RP1175	RP1175C	RP1170	RP1170C	165	85	55	STC117	STA117	RP117GASKET
RP1185	RP1185C	RP1180	RP1180C	165	85	85	STC117	STA117	RP117GASKET
RP1235	RP1235C	RP1230	RP1230C	165	125	55	STC124	STA124	RP124GASKET
RP1245	RP1245C	RP1240	RP1240C	165	125	75	STC124	STA124	RP124GASKET
RP1275	RP1275C	RP1270	RP1270C	186	146	55	STC128	STA128	RP128GASKET
RP1285	RP1285C	RP1280	RP1280C	186	146	75	STC128	STA128	RP128GASKET
RP1375	RP1375C	RP1370	RP1370C	186	146	90	STC128	STA128	RP128GASKET
RP1385	RP1385C	RP1380	RP1380C	186	146	110	STC128	STA128	RP128GASKET
RP1455	RP1455C	RP1450	RP1450C	220	165	60	STC146	STA146	RP145GASKET
RP1465	RP1465C	RP1460	RP1460C	220	165	85	STC146	STA146	RP145GASKET
not available	RP1615C	RP1610	RP1610C	254	204	90	STC580	STA580	RP161GASKET
not available	RP1635C	RP1630	RP1630C	254	204	130	STC580	STA580	RP161GASKET

Mounting Feet Kits (sets of 4)

Part No.	Material	Style	Compatible RP Series Enclosures
MF0040	Polycarbonate	Cross Shape	All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635
MF0045	ABS Plastic	Cross Shape	All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635
MF0060	Polycarbonate	Closed Slot	All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635
MF0061	ABS Plastic	Closed Slot	All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635
MF0300	Stainless Steel		All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635
MF0050	Polycarbonate	Open "U" Slot	RP1450, 1455, 1460, 1465, 1610, 1615, 1630 & 1635 only
MF0055	ABS Plastic	Open "U" Slot	RP1450, 1455, 1460, 1465, 1610, 1615, 1630 & 1635 only

50-Pack of PC Board screws

Part No.	SC622-50

50-pack of Replacement Lid Screws

Part No.	SC619-50

Tags: **plastic**, **project box**, **ABS**, **polycarbonate**, **watertight**, **inner panel**

Data subject to change without notice

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