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RITEC - Hand Held with Battery Door



(Assembled - Two Colors)

(Assembled - Top View)

(Assembled - Bottom View)

Key Features:

- Electronic hand held enclosures, ideally suited for mounting printed circuit boards.
- Ergonomically designed for a comfortable fit into the user's hand.
- Lap joint construction provides protection against dust accumulation and splashing water.
- Available in two versions - gasketed (IP65 rated) & ungasketed.
- Gasketed version includes gasket around top & bottom half and around battery door (factory installed).
- Choice of two stock colors black or light grey.
- Molded in a general purpose ABS plastic with a light texture (material carries a UL flammability rating of UL94 HB).
- The top half includes a smooth recessed area for membrane, label or silkscreen.
- Assembled with M3 Philips self tapping screws.
- Both top and bottom halves contain P.C. board standoffs molded in (see photos for details).

Part Number	Part Number with Gaskets	Color	Units	Length	Width	Enclosure Depth (assembled)
RH3015B	RH3005B	Black	Inches	5.12	2.68	0.98
RH3015G	RH3005G	Grey	mm	130	68	25
RH3055B	RH3045B	Black	Inches	4.72	2.76	1.18
RH3055G	RH3045G	Grey	mm	120	70	30

RITEC - ABS Plastic - Hand Held



Key Features:

- Electronic instrument enclosures, ideally suited for mounting printed circuit boards.
- Ergonomically designed for a comfortable fit into the user's hand.
- Lap joint construction provides protection against dust accumulation and splashing water.
- Removable front panel for easy modifications.
- Molded in a light grey general purpose ABS plastic with a light texture (material carries a UL flammability rating of UL94 HB).
- Assembled with M3 Philips machine screws, threaded into integral brass bushings. Perfect for applications when repetitive assembly and disassembly are required (except for the two smallest sizes). The **RH3115** and the **RH3135** use self tapping M2.6 screws.
- Both top and bottom halves contain PCB standoffs moulded in (see photos for details).
- Designed to meet IP 65.
- The two largest sizes (**RH3185** & **RH3195**) include four self adhesive rubber feet for desk top use.

Part Number	Units	Length	Width	Enclosure Depth (assembled)
RH3115	Inches	3.94	2.36	0.98
	mm	100	60	25
RH3135	Inches	4.72	2.76	0.98
	mm	120	70	25
RH3155	Inches	6.50	3.15	1.26
	mm	165	80	32

Part Number	Units	Length	Width	Enclosure Depth (assembled)
RH3165	Inches	6.50	3.94	1.26
	mm	165	100	32
RH3185	Inches	7.28	5.31	1.57
	mm	185	135	40
RH3195	Inches	7.48	3.94	1.57
	mm	190	100	40

RITEC - Instrument ABS Plastic Enclosures



(Assembled View)

(Open View)

Key Features:

- Designed to house P.C. boards - for instrument use.
- Molded in light grey - general purpose ABS plastic with a light texture (front & rear panels are smooth). Material carries a UL flammability rating of UL94 HB.
- Two part - clam shell construction. Bottom half includes molded in standoffs for easy P.C. board installation. Larger enclosures also include PCB standoffs on the top half. Four short M3 screws included
- Front & rear panels are interchangeable and easily removable for modifications.
- Tongue and groove construction provides protection against dust & water. Designed to meet IP43.
- Includes two (or four) - assembly screws (depending on size).
- All units except the **RM2015S** and **RM2055S** are secured with M3 Philips machine screws, threaded into integral brass bushings. Perfect for applications when repetitive assembly and disassembly are required. **RM2015S** and **RM2055S** use self tapping Philips screws.
- Options include replacement IR translucent or aluminum panels.

RITEC - Instrument ABS Plastic Enclosures (2)

Part Number	Color	Units	Length	Width	Enclosure Depth (Assembled)
RM2015S	Grey	Inches	5.12	3.94	1.18
		mm	130	100	30
RM2015M	Grey	Inches	5.12	3.94	1.97
		mm	130	100	50
RM2015L	Grey	Inches	5.12	3.94	2.76
		mm	130	100	70
RM2055S	Grey	Inches	7.48	5.51	1.18
		mm	190	140	30
RM2055M	Grey	Inches	7.48	5.51	1.97
		mm	190	140	50
RM2055L	Grey	Inches	7.48	5.51	2.76
		mm	190	140	70
RM2095S	Grey	Inches	9.84	7.09	1.97
		mm	250	180	50
RM2095M	Grey	Inches	9.84	7.09	2.95
		mm	250	180	75
RM2095L	Grey	Inches	9.84	7.09	3.94
		mm	250	180	100

RITEC - Watertight ABS Plastic



(Assembled View)

(Open View)

(Assembled View)
Clear Lid

Key Features:

- Ideally suited for mounting printed circuit boards or DIN rail mounted components.
- Material - General purpose ABS plastic (material carries a UL flammability rating of UL94 HB).
- Color is a light gray with a light texture. Also available with a clear polycarbonate lid (see table below).
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust and water.
- Rubber gasket is included and must be field installed.
- Lid includes smooth recessed area for membrane, label or silkscreen (see chart below for recess size).
- Designed to meet IP 65.
- Lid is secured with self captivating - M3.5 stainless steel machine screws (included), threaded into integral stainless steel bushings (for repetitive assembly & disassembly). All stainless steel hardware to avoid corrosion caused by dissimilar metals.
- 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 - molded in.
- Options vary with size.

RITEC - Watertight ABS Plastic (2)

Part No.	Part No. ABS with Clear Lid	Units	Length	Width	Height (Includes Lid)	Lid Recess Size
RP1025	RP1025C	inches	2.56	2.36	1.57	1.54 x 2.05
		mm	65	60	40	39 x 52
RP1065	RP1065C	inches	3.35	3.15	2.17	2.32 x 2.83
		mm	85	80	55	59 x 72
RP1085	RP1085C	inches	4.13	2.95	1.57	2.56 x 3.07
		mm	105	75	40	65 x 78
RP1095	RP1095C	inches	4.13	2.95	2.17	2.56 x 3.07
		mm	105	75	55	65 x 78
RP1135	RP1135C	inches	4.92	3.35	2.17	3.03 x 3.90
		mm	125	85	55	77 x 99
RP1205	RP1205C	inches	5.71	4.13	1.57	4.57 x 3.78
		mm	145	105	40	116 x 96
RP1215	RP1215C	inches	5.71	4.13	2.36	4.57 x 3.78
		mm	145	105	60	116 x 96
RP1175	RP1175C	inches	6.50	3.35	2.17	2.76 x 5.47
		mm	165	85	55	70 x 139
RP1245	RP1245C	inches	6.50	4.92	2.95	5.43 x 4.57
		mm	165	125	75	138 x 116
RP1285	RP1285C	inches	7.32	5.75	2.95	5.08 x 5.91
		mm	186	146	75	129 x 150
RP1455	RP1455C	inches	8.66	6.50	2.36	7.28 x 5.91
		mm	220	165	60	185 x 150
RP1465	RP1465C	inches	8.66	6.50	3.35	7.28 x 5.91
		mm	220	165	85	185 x 150

RITEC - Watertight Polycarbonate



(Assembled View)

(Open View)

Key Features:

- Ideally suited for mounting printed circuit boards or DIN rail mounted components.
- Material - Polycarbonate (material carries a UL flammability rating of UL94 HB).
- Color is an off white with a light texture.
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust and water.
- Rubber gasket is included and must be field installed.
- Lid includes smooth recessed area for membrane, label or silkscreen (see chart below for recess size).
- Designed to meet IP 65.
- Lid is secured with self capturing - M3.5 stainless steel machine screws (included), threaded into integral stainless steel bushings (for repetitive assembly & disassembly). All stainless steel hardware to avoid corrosion caused by dissimilar metals.
- Lid screws are self capturing (lid holes are threaded with the first installation of lid screws).
- **Internal features** are maximized for mounting options:
 - Internal DIN rail mounting tabs - molded in.
- Options vary with size.

RITEC - Watertight Polycarbonate (2)

Part No.	Units	Length	Width	Height (Includes Lid)	Lid Recess Size
RP1020	inches	2.56	2.36	1.57	1.54 x 2.05
	mm	65	60	40	39 x 52
RP1060	inches	3.35	3.15	2.17	2.32 x 2.83
	mm	85	80	55	59 x 72
RP1080	inches	4.13	2.95	1.57	2.56 x 3.07
	mm	105	75	40	65 x 78
RP1090	inches	4.13	2.95	2.17	2.56 x 3.07
	mm	105	75	55	65 x 78
RP1130	inches	4.92	3.35	2.17	3.03 x 3.90
	mm	125	85	55	77 x 99
RP1200	inches	5.71	4.13	1.57	4.57 x 3.78
	mm	145	105	40	116 x 96
RP1210	inches	5.71	4.13	2.36	4.57 x 3.78
	mm	145	105	60	116 x 96
RP1170	inches	6.50	3.35	2.17	2.76 x 5.47
	mm	165	85	55	70 x 139
RP1240	inches	6.50	4.92	2.95	5.43 x 4.57
	mm	165	125	75	138 x 116
RP1280	inches	7.32	5.75	2.95	5.08 x 5.91
	mm	186	146	75	129 x 150
RP1450	inches	8.66	6.50	2.36	7.28 x 5.91
	mm	220	165	60	185 x 150
RP1460	inches	8.66	6.50	3.35	7.28 x 5.91
	mm	220	165	85	185 x 150

RITEC - Watertight - Deep Lid



(Assembled View)
ABS



(Open View)
ABS



(Assembled View)
ABS with Clear Lid

Key Features:

- Ideally suited for mounting printed circuit boards or DIN rail mounted components requiring a deep enclosure.
- Choice of two materials - General purpose ABS plastic or Polycarbonate (both carry a UL flammability rating of UL94 HB).
- ABS Plastic color is a light gray with a light texture. Also available with a clear polycarbonate lid (see table below).
- Polycarbonate version is available in an off white with a light texture.
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust and water.
- 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 integral stainless steel bushings (for repetitive assembly & disassembly). All stainless steel hardware to avoid corrosion caused by dissimilar metals.
- 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 - molded in.
- Options vary with size.

Part No. ABS	Part No. Polycarb	Part No. ABS with Clear Lid	Units	Length	Width	Height (Includes Lid)	Lid Recess Size
RP1155	RP1150	RP1155C	inches	4.92	3.35	3.35	2.76 x 3.66
			mm	125	85	85	70 x 93
RP1185	RP1180	RP1185C	inches	6.50	3.35	3.35	2.76 x 5.28
			mm	165	85	55	70 x 134
RP1385	RP1380	RP1385C	inches	7.32	5.75	4.33	4.92 x 5.79
			mm	186	146	110	125 x 147

RITEC - Project Enclosures



(Assembled View)

(Open View)

(Assembled View)
Flanged Lid

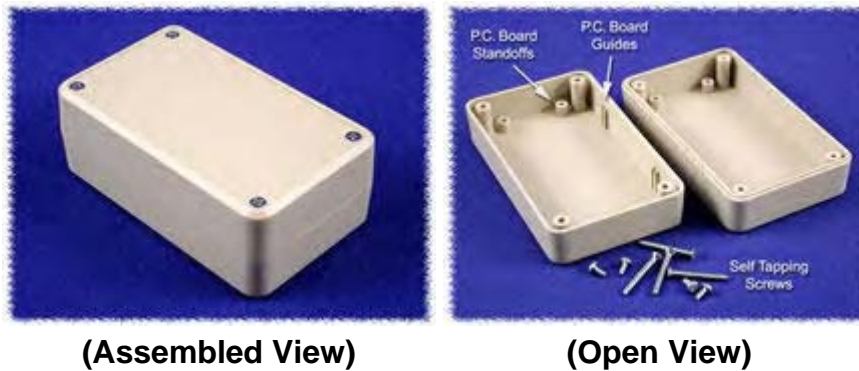
Key Features:

- Designed to house P.C. boards - for hand-held use or wall mount.
- Molded in light grey - general purpose ABS plastic with a light texture.
- Two part construction. Both halves include smooth recessed area for membrane, label or silkscreen (see chart below for recess size).
- P.C. board standoffs are molded into both halves of the enclosure -
- Designed to meet IP54.
- All sizes also available in a flanged lid version.
- Includes four - M3 assembly screws.

RITEC - Project Enclosures (2)

Part No.	Part No. (With Flanged Lid)	Units	Length	Width	Encl Depth (With Lid)	Lid Recess Size	Bottom Recess Size	PCB Mount Dims	Wall Mount Dimension (Flanged Lid)
RL6105	RL6105-F	Inches	3.15	2.36	1.18	2.13 x 2.05	2.13 x 2.05	2.52 x 1.18	3.62
		mm	80	60	30	54 x 52	54 x 52	64 x 30	92
RL6115	RL6115-F	Inches	3.15	2.36	1.57	2.13 x 2.05	2.13 x 2.05	2.52 x 1.18	3.62
		mm	80	60	40	54 x 52	54 x 52	64 x 30	92
RL6215	RL6215-F	Inches	4.92	3.15	1.38	3.78 x 2.76	3.78 x 2.76	4.21 x 1.57	5.39
		mm	125	80	35	96 x 70	96 x 70	107 x 40	137
RL6225	RL6225-F	Inches	4.92	3.15	1.97	3.78 x 2.76	3.78 x 2.76	4.21 x 1.57	5.39
		mm	125	80	50	96 x 70	96 x 70	107 x 40	137
RL6335	RL6335-F	Inches	4.92	3.94	2.36	3.78 x 3.46	3.78 x 3.46	4.17 x 2.56	5.39
		mm	125	100	60	96 x 88	96 x 88	106 x 65	137
RL6365	RL6365-F	Inches	4.92	3.94	3.54	3.78 x 3.46	3.78 x 3.46	4.17 x 2.56	5.39
		mm	125	100	90	96 x 88	96 x 88	106 x 65	137
RL6435	RL6435-F	Inches	5.91	3.94	2.36	4.72 x 3.54	4.72 x 3.54	5.20 x 2.36	6.38
		mm	150	100	60	120 x 90	120 x 90	132 x 60	162
RL6465	RL6465-F	Inches	5.91	3.94	3.54	4.72 x 3.54	4.72 x 3.54	5.20 x 2.36	6.38
		mm	150	100	90	120 x 90	120 x 90	132 x 60	162
RL6555	RL6555-F	Inches	6.89	4.92	2.76	5.59 x 4.53	5.59 x 4.53	6.06 x 2.76	7.36
		mm	175	125	70	142 x 110	140 x 110	154 x 70	187
RL6585	RL6585-F	Inches	6.89	4.92	3.94	5.59 x 4.53	5.59 x 4.41	6.06 x 2.76	7.36
		mm	175	125	100	142 x 110	140 x 110	154 x 70	187
RL6655	RL6655-F	Inches	7.87	5.91	2.76	6.50 x 5.31	6.50 x 5.31	7.01 x 3.94	6.50
		mm	200	150	70	165 x 130	165 x 130	178 x 100	216
RL6685	RL6685-F	Inches	7.87	5.91	3.94	6.50 x 5.31	6.50 x 5.31	7.01 x 3.94	6.50
		mm	200	150	100	165 x 130	165 x 130	178 x 100	216

RITEC - Hand-Held ABS Plastic Enclosures



(Assembled View)

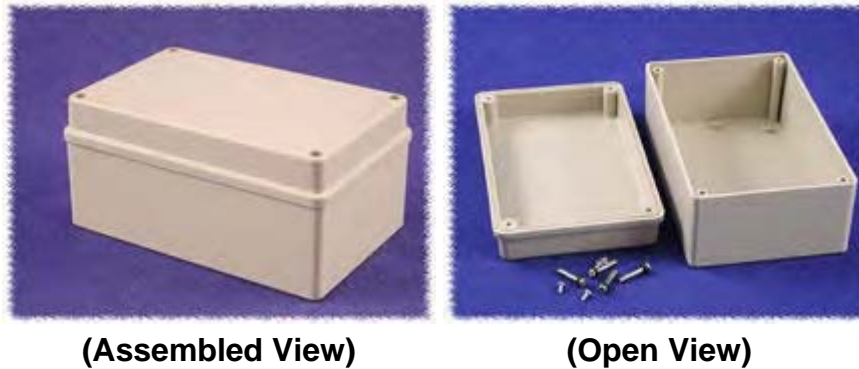
(Open View)

Key Features:

- Designed to house P.C. boards - for hand-held use.
- Molded in light grey - general purpose ABS plastic with a light texture (material carries a UL flammability rating of UL94 HB).
- Two part - snap action - clam shell construction. Both halves include smooth recessed area for membrane, label or silkscreen.
- P.C. board standoffs are molded into both halves of the enclosure. Four short M3 screws included.
- P.C. board guides molded into top half.
- Designed to meet IP54.
- Includes four - M3 assembly screws.

Part Number	Color	Units	Length	Width	Enclosure Depth (With Lid)
RL6015	Grey	Inches	4.09	2.56	1.57
		mm	104	65	40
RL6035	Grey	Inches	5.67	2.56	1.57
		mm	144	65	40
RL6055	Grey	Inches	7.01	4.13	1.57
		mm	178	105	40
RL6065	Grey	Inches	8.07	4.13	1.57
		mm	205	105	40

RITEC - Sealed - ABS Plastic Enclosures



(Assembled View)

(Open View)

Key Features:

- Designed to house PCBs, dust & water sealed (not for outdoor use).
- Molded in light grey - general purpose ABS plastic with a light texture (material carries a UL flammability rating of UL94 HB).
- Two part - styled lid construction. Top half includes smooth recessed area for membrane, label or silkscreen.
- P.C. board standoffs are molded into the bottom (two smallest sizes) and molded into both halves of the enclosure (two largest sizes. Four short M3 self tapping screws included).
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust and water.
- Designed to meet IP65.
- Includes four - M4 assembly screws (see table below for type).
- Lid screws are self capturing (lid holes are threaded with the first installation of lid screws).

Part Number	Color	Assembly Method	Lid Gasket	Units	Length	Width	Enclosure Depth (With Lid)
RS5105S	Grey	Four - Self Tapping Stainless Steel Screws	Installed	Inches	4.13	4.13	2.17
				mm	105	105	55
RS5305S	Grey	Four - Self Tapping Stainless Steel Screws	Installed	Inches	6.50	4.13	3.07
				mm	165	105	78
RS5705	Grey	Four - Stainless Steel Machine Screws (into Stainless Steel Inserts)	Kit (Included)	Inches	9.84	7.87	3.74
				mm	250	200	95
RS5805	Grey	Four - Stainless Steel Machine Screws (into Stainless Steel Inserts)	Kit (Included)	Inches	9.84	7.87	5.12