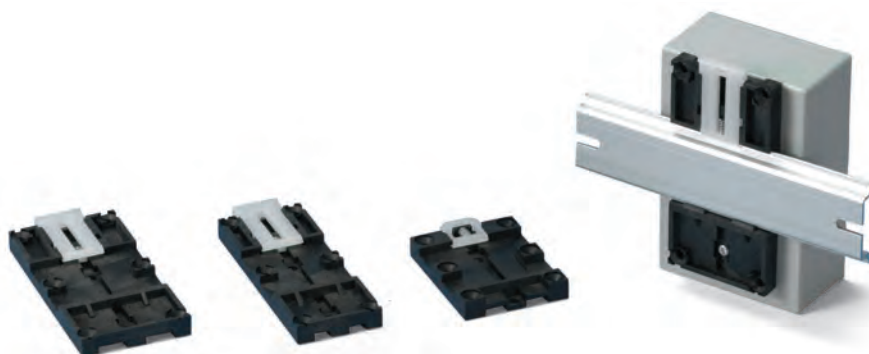


DRA series

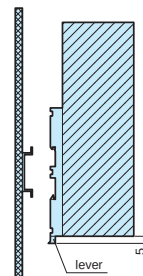
DIN-RAIL MOUNTING BASE



- For installation of enclosures, PCB and other parts onto a DIN rail.
- Simple installation and removal via the pull lever.

■ NOTE

Before installation, please ensure that the lever is not fully hidden behind the enclosure

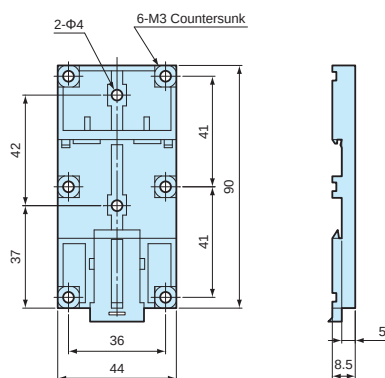


Technical Data

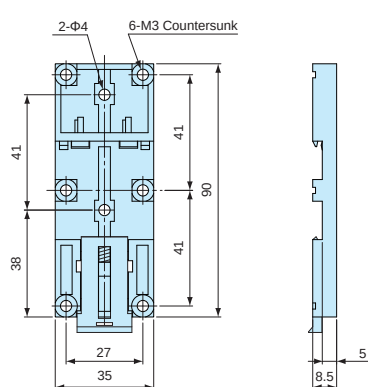
Max load : 5kg

DRA dimensions

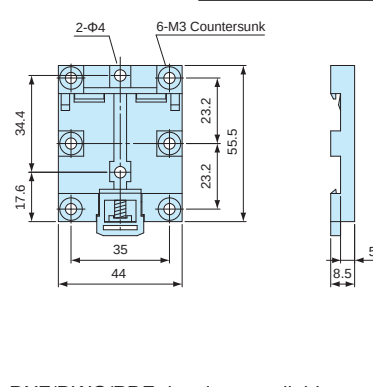
DRA-1



DRA-2



DRA-3



- DXF/DWG/PDF drawings available on our website.

Product no. / Dimensions

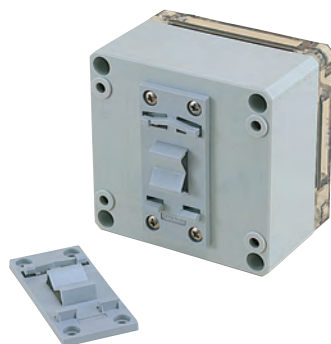
Product no.	Material (body)	Material (lever)	Color	Weight (g)
DRA-1	PPE : SB UL94V-1	Nylon 66 UL94V-2	Black : White	16.4
DRA-2	PPE : SB UL94V-1	Nylon 66 UL94V-2	Black : White	14.5
DRA-3	PPE : SB UL94V-1	Nylon 66 UL94V-2	Black : White	10.4

DRT series

DIN-RAIL MOUNTING BASE

DRT dimensions

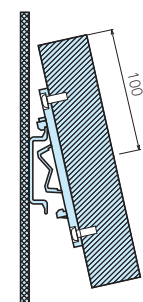
- DXF/DWG/PDF drawings available on our website.



- For installation of enclosures, PCB and other parts onto a DIN rail.
- Simple installation and removal by tilting the case at an angle and sliding it in/out.

■ NOTE

Before installation, please ensure that the length (from top) of the enclosure is equal to, or less than 100mm from the center of the mounting base.



Technical Data

Max load : 1kg
Operating temperature: -20°C ~ +70°C

Product no. / Dimensions

Product no.	Material	Color	Weight (g)
DRT-1	PC/ABS UL94V-0	Light gray	7.3

Raspberry Pi 4B HEAT-SINK ALUMINIUM CASE

Made with Aluminium Diecast material

for Excellent Heat Dissipation and Rigidity

Exceptional Functionality with Superb Cost Efficiency!

RPH series



3 different types are available: Desktop, Flanged and DIN Rail

Desktop type RPH-4B



Available in metallic silver and black for Raspberry Pi 4 Model B

Flanged type RPH-4B-F



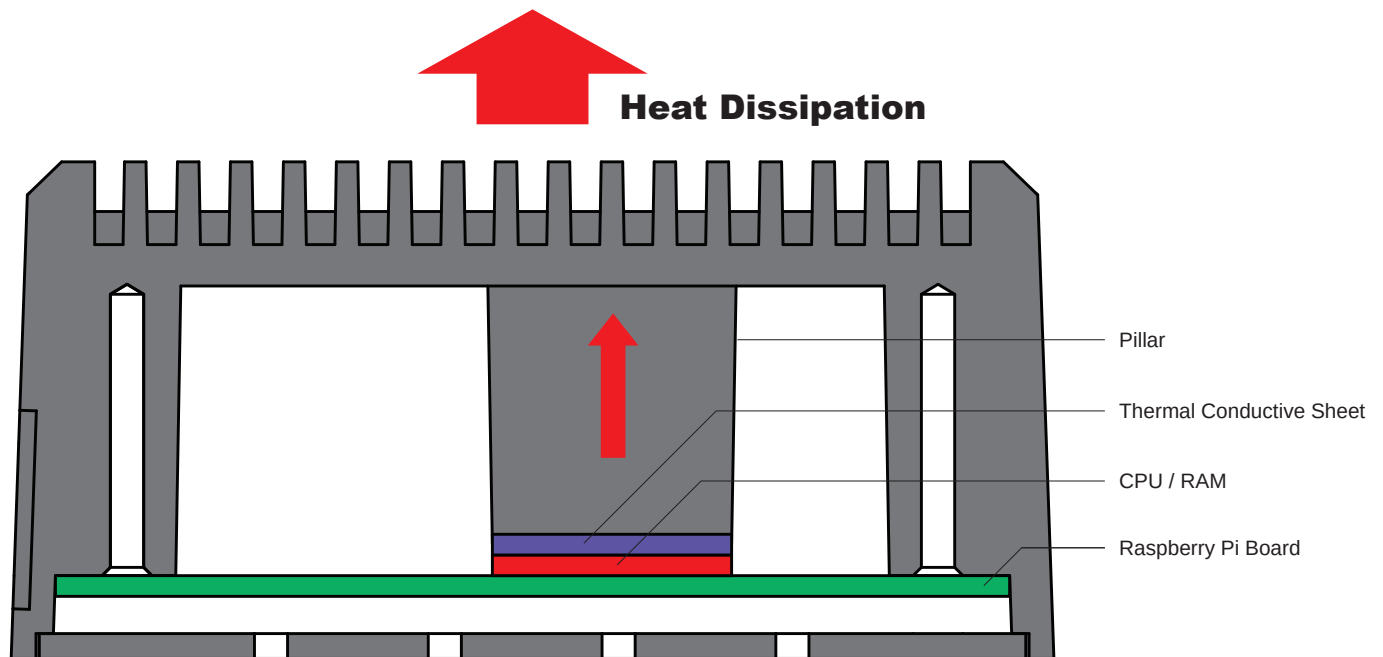
Compatible with VESA Mount Standards (75 x 75mm / 100 x 100mm), and can be installed on the back side of PC displays, etc.

DIN Rail type RPHD-4B

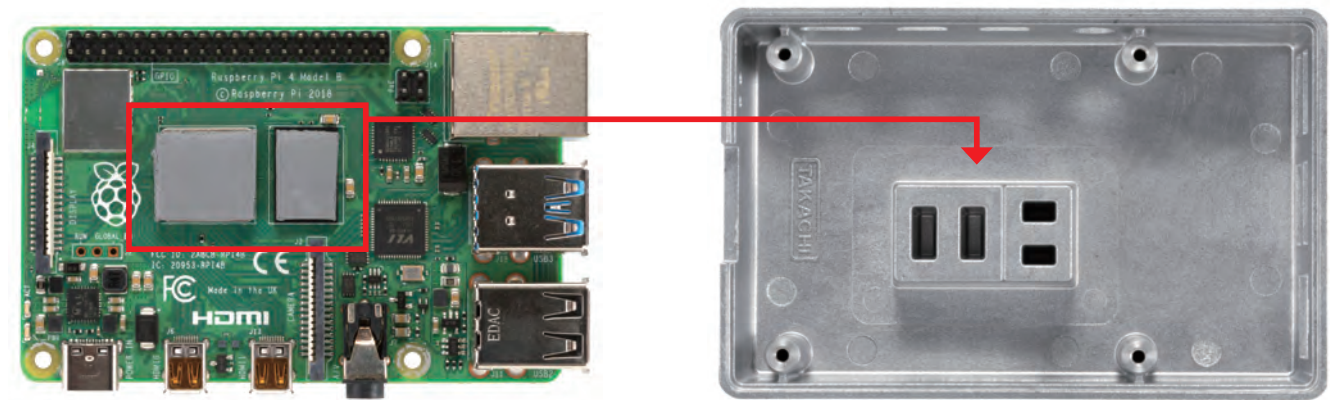


Available with DIN rail mounting bracket. Perfect for mounting on control panels or switchboards.

Efficient Heat Dissipation Construct to Maximize your Raspberry Pi Performance!

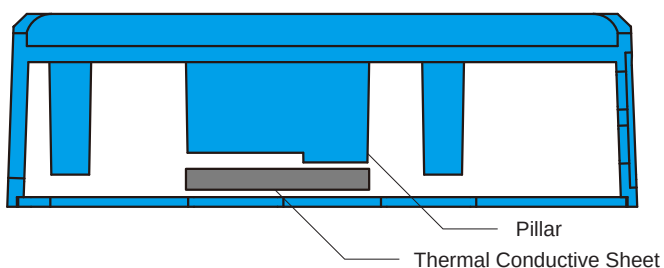


- Attach thermal conductive sheet onto CPU and RAM. Heat is transferred to the heat-sink cover through the pillar.



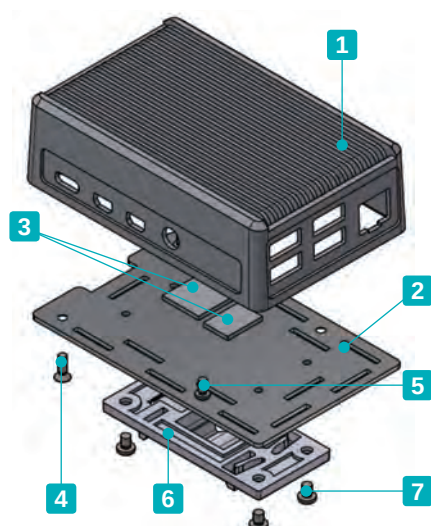
2 different Heat dissipation and Normal are available.

RPH-4B-H (Heat dissipation)



RPH-4B-N (Normal)





Heat Dissipation

Normal



- DIN rail mount heat-sink case exclusively for use with the Raspberry Pi 4B. Equipped with highly efficient heat-sink top cover.
- Constructed using diecast aluminium for strength and rigidity.
- 2 different Heat dissipation and Normal are available.

- Raspberry Pi board is not included.

Technical Data

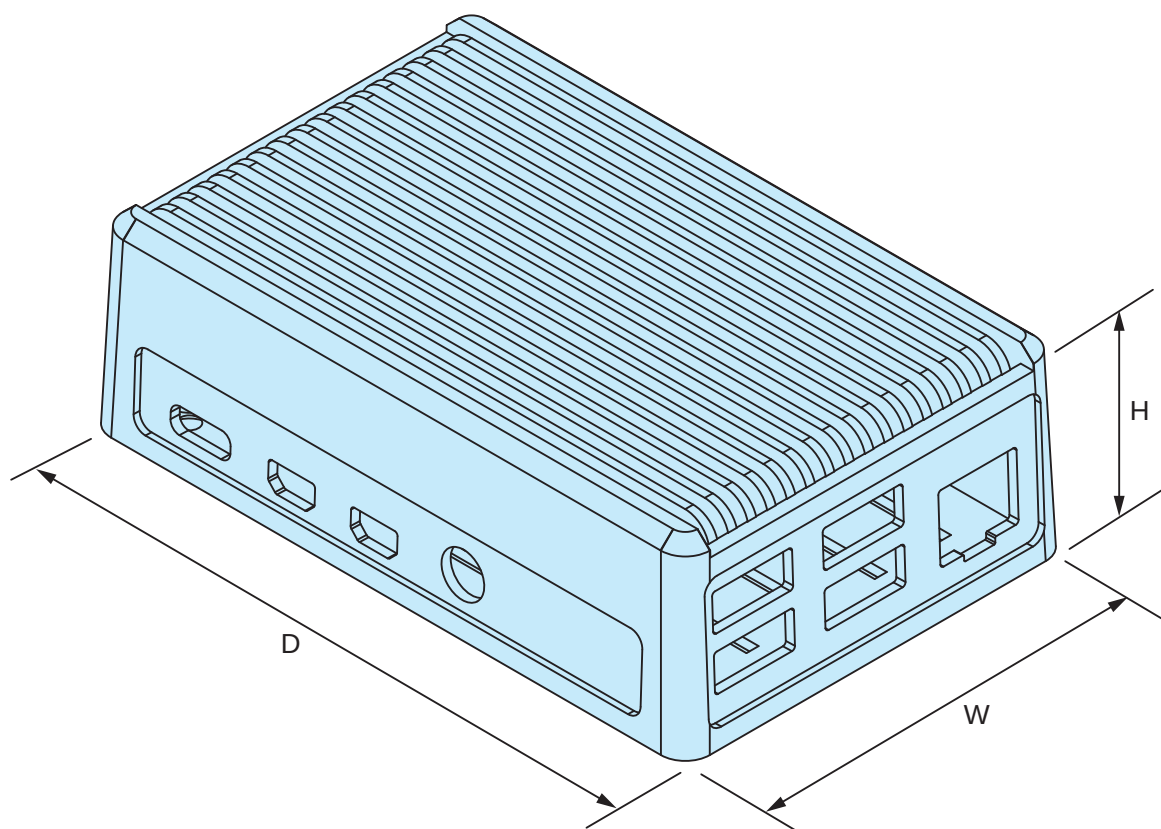
Max load : 300g
Operating Temperature : -20°C ~ +80°C

Components

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	Diecast aluminium ADC12	Silver / Powder coated
2	Base	1	Aluminium A1100P t=1.5	Metallic silver / Painted (Conductive inside)
3	Thermal conductive sheet (H type only)	2	Silicone polymer + Ceramic composite	Gray
4	Screw (M2.5-10 flat head)	2	Steel	Trivalent chromate
5	Screw for Board (M2.5-4 pan head)	2	Steel	Trivalent chromate
6	Din-rail mounting base	1	PC • ABS UL94V-0	Light gray
7	Screw for Din-rail mounting base (M3-3 pan head)	4	Steel	Trivalent chromate

RPHD dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

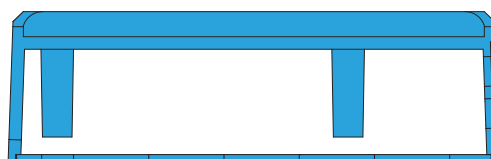


■ 2 different Heat Dissipation and Normal are available.

RPHD-4B-H (Heat dissipation)



RPHD-4B-N (Normal)



Product no. / Dimensions

*Din-rail mounting base height is not included in H dimension.

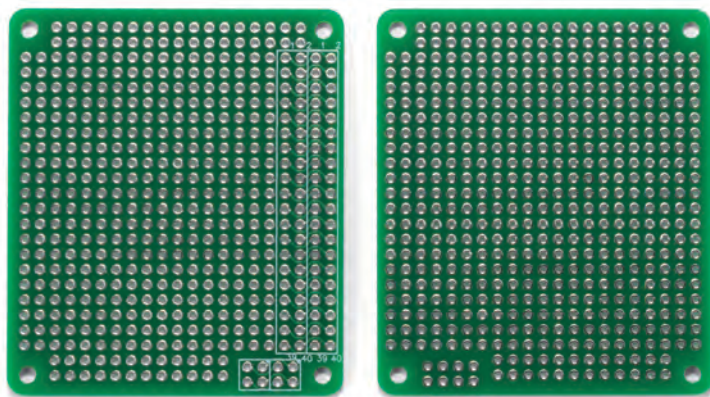
Product no.	External dimensions			Pillar Thermal conductive sheets	※Thermal resistance rate (°C/W)	Weight (g)
	W	H	D			
RPHD-4B-H-S	63	30	98	○	7.31	168.2
RPHD-4B-N-S	63	30	98	×	7.31	150.7

※Thermal resistance test condition

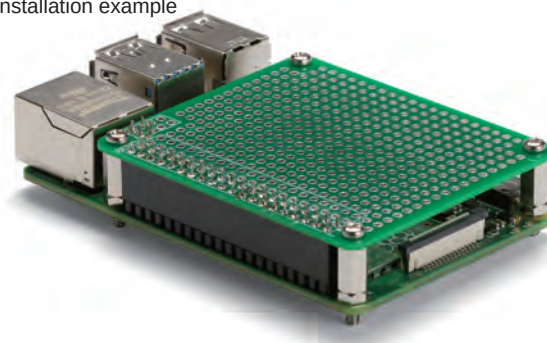
- Ambient air cooling.
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Powder coated aluminium diecast.
- Heat source is applied on the opposite side (inner side) of the fins.

RPCB-4B

EXPANSION PCB for Raspberry Pi 4B



Installation example



■ Material / Finish : Glass epoxy (FR-4) / Through-hole - Lead-free solder resist

■ Expansion PCB for standard Raspberry Pi 4B boards. Use to install expansion parts or components.

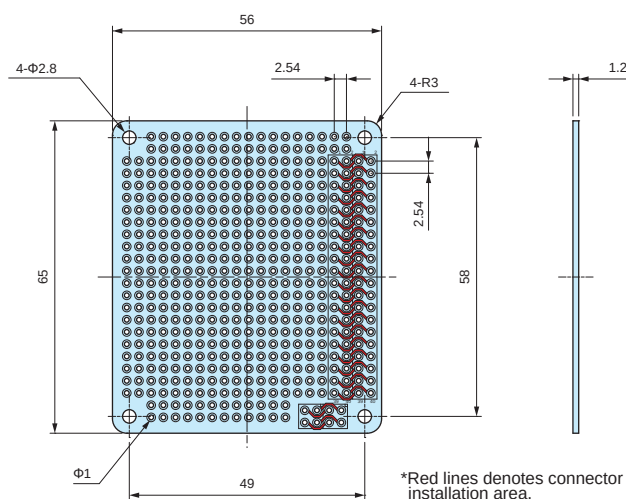
■ Environmentally friendly lead-free solder. RoHS3 compliant.

■ Raspberry Pi Board is not included.

■ Connector, spacer, and mounting screw set are sold separately.

RPCB-4B dimensions

■ DXF/DWG/PDF drawings available on our website.

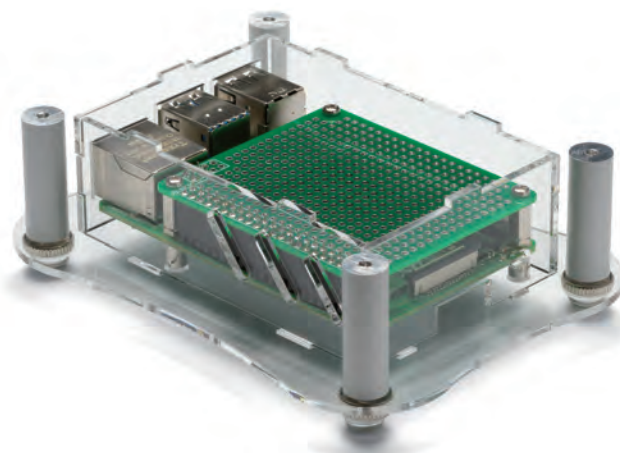
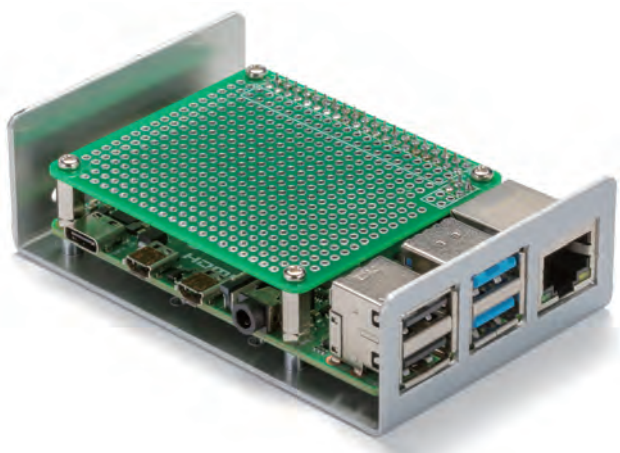


Product no.

Product no.	Pack of
RPCB-4B	1

■ Expansion PCB can also be utilized on RPI-4B and RPA series cases.

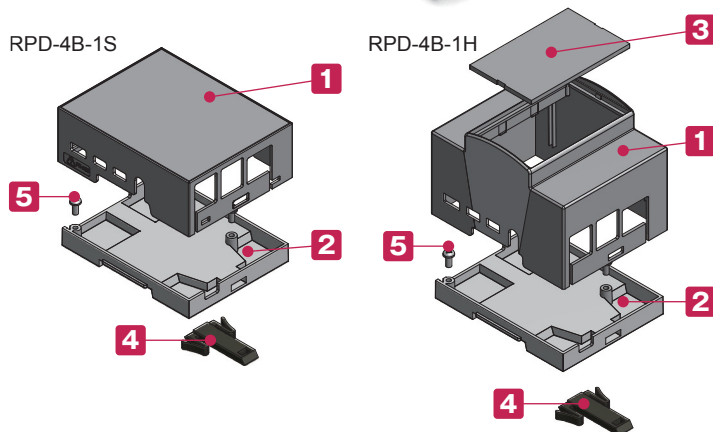
See page 132 ~ 134 for RPI series case and page 135 ~ 136 for RPA series case.





RPD-4B-1S

RPD-4B-1H



■ Exclusively for use with Raspberry Pi 4B.

■ Exclusively for use with 35mm DIN rail.

Able to assemble easily with a flathead screwdriver;
no screws required.

*Caution : Material may easily break when assembling.

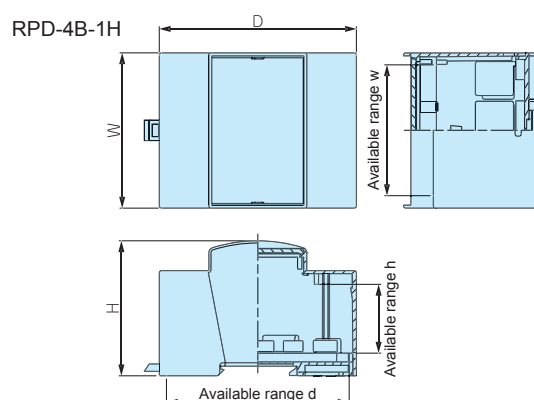
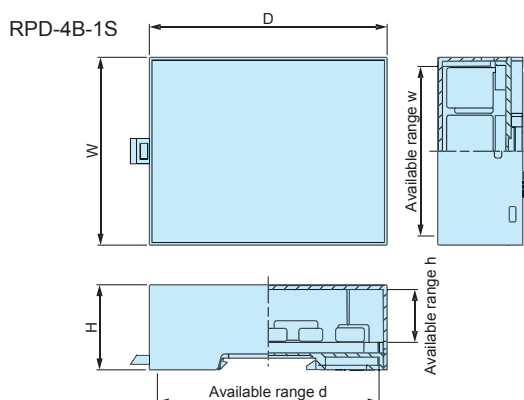
■ Raspberry Pi Board is excluded.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Body	1	PC + ABS	Gray
2	Base	1	PC + ABS	Gray
3	Front panel (RPD-4B-1H only)	1	Polycarbonate t = 2.0	Transparent
4	Hook	1	PPO	Black
5	Screw for Board (M3-6)	2	Stainless steel	Unfinished

RPD dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.



Product no. / Dimensions

Product no.	Dimensions						Weight (g)
	W	H	D	w	h	d	
RPD-4B-1S	71.1	32.2	90	64.1	20.1	83.9	46.8
RPD-4B-1H	71.3	62	90.5	60.3	31.7	83.9	68.1

TAKACHI ELECTRONICS ENCLOSURE CO., LTD.

3-21-16 Higashi-ryoke,
Kawaguchi, Saitama 332-0003, JAPAN
Tel. +81-48-222-5409

www.takachi-enclosure.com

sales@takachi-el.co.jp

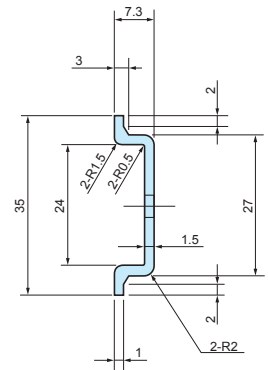
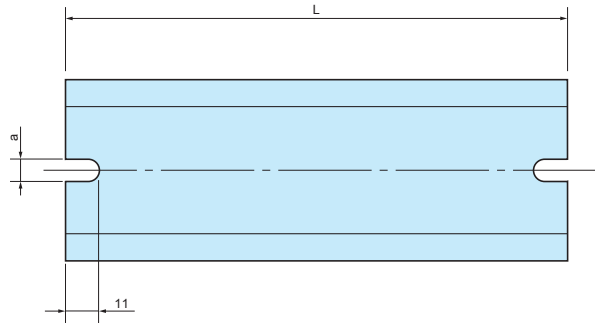
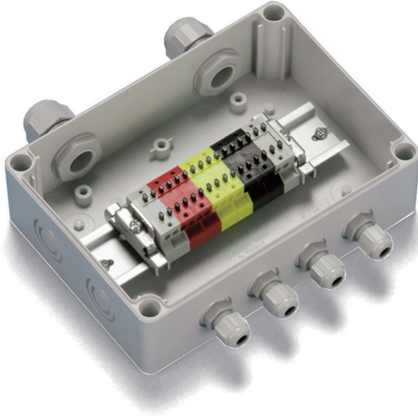
● All items listed in this catalogue are compliant with EU RoHS 10 standard.

FDR SERIES

DIN-RAIL



- DIN rail for installation of terminals, relays or switches inside enclosures.
- Available in different models and lengths to fit a wide variety of mounting boss pitch.
- FDR-1000 is available if customized length is required.



Feature

Material	Finish
Extruded Aluminium A6063S-T5	Silver anodized

Product no. / Dimensions

Product no.	L	a	Matching boss pitch
FDR- 50	50	4.2	32 ~ 42
57	57	4.2	39 ~ 49
66	66	4.2	48 ~ 58
77	77	4.2	59 ~ 69
80	80	4.2	62 ~ 72
87	87	4.2	69 ~ 79
92	92	4.2	74 ~ 84
100	100	4.2	82 ~ 92
106	106	4.2	88 ~ 98
110	110	4.2	92 ~ 102
120	120	4.2	102 ~ 112
128	128	4.2	110 ~ 120
137	137	4.2	119 ~ 129
142	142	4.2	124 ~ 134
146	146	4.2	128 ~ 138
150	150	4.2	132 ~ 142
168	168	4.2	150 ~ 160
170	170	4.2	152 ~ 162
186	186	4.2	168 ~ 178
202	202	4.2	184 ~ 194
205	205	4.2	187 ~ 197
223	223	4.2	205 ~ 215
226	226	4.2	208 ~ 218
235	235	4.2	217 ~ 227
242	242	4.2	224 ~ 234
249	249	4.2	231 ~ 241
283	283	4.2	265 ~ 275
300	300	4.2	282 ~ 292
350	350	4.2	332 ~ 342
450	450	4.2	432 ~ 442
550	550	4.2	532 ~ 542

Product no.	L	a	Matching boss pitch
FDR-B102	102	6.5	86 ~ 92
NEW B124	124	6.5	108 ~ 114
B142	142	6.5	126 ~ 132
B160	160	6.5	144 ~ 150
B165	165	6.5	149 ~ 155
B176	176	6.5	160 ~ 166
B183	183	6.5	167 ~ 173
B223	223	6.5	207 ~ 213
B260	260	6.5	244 ~ 250
B283	283	6.5	267 ~ 273
B303	303	6.5	287 ~ 293
B338	338	6.5	322 ~ 328
B360	360	6.5	344 ~ 350
B376	376	6.5	360 ~ 366
B383	383	6.5	367 ~ 373
B463	463	6.5	447 ~ 453
B560	560	6.5	544 ~ 550
B623	623	6.5	607 ~ 613
FDR-1000	1000	—	—

■ FDR-1000 does not have mounting holes.

Matching DIN-Rail Chart

BC□□ series

Product no.	Matching DIN-Rail
091207	FDR - 80
091208	80
101507	110
101508	110
112107	170
112110	170
112607	223
112610	223
131508	120
131808	150
131810	150
151509	120
151512	120
162110	170
162113	170
162610	223
162613	223
172211	170
172711	223

BDN series

Product no.	Matching DIN-Rail
6- 8- 5	FDR - 50
7-10- 4	—
9- 9- 6	FDR - 80
9-13- 5	120
10-14- 7	128
11-16- 6	150
12-22- 8	205
16-26- 9	242

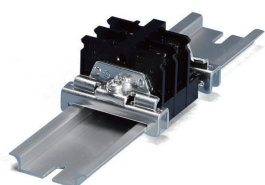
BCAS series

Product no.	Matching DIN-Rail
071005	FDR - 92
080806	66
081104	92
081107	92
081108	92
081110	92
081307	110
081308	110
081807	168
081808	168
082507	235
082508	235
101007	77
101010	77
101807	150
102007	170
102307	202
121207	80
121210	80
141709	146
142309	205
151507	120
151510	120
152004	170
152007	170
152010	170
152013	170
152016	170
152510	226
152513	226
161607	137

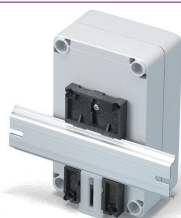
SPCM • SPCP series

Product no.	Matching DIN-Rail
081304	FDR - 50/100
081305	50/100
081306	50/100
081308	50/100
081310	50/100
081313	50/100
101004	80
101006	80
131304	100
131305	100
131306	100
131308	100
131310	100
131313	100
131804	100/150
131805	100/150
131806	100/150
131808	100/150
131810	100/150
131813	100/150
131815	100/150
181808	150
181810	150
181813	150
181815	150
182508	150/223
182510	150/223
182515	150/223

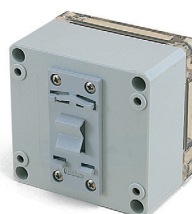
Accessories (Optional parts)



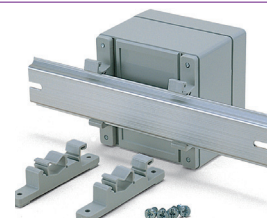
DIN-Rail stopper bracket TKR series
See page DIN-ACC-2



DIN-Rail mounting base DRA series
See page DIN-ACC-1



DIN-Rail mounting base DRT series
See page DIN-ACC-1



DIN-Rail mounting feet CKD series
See page DIN-ACC-2