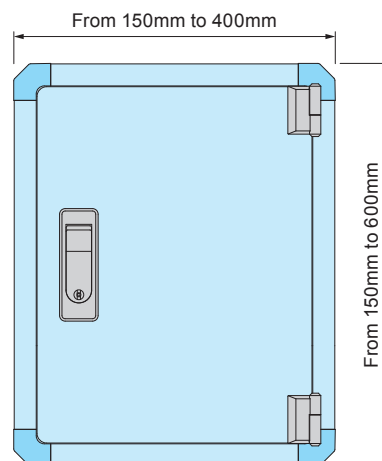




- 108 different sizes in 2 different color variations available.
- Easy access to the inside of the case with opening / closing cover.
- Both with and without key lock types are available.
- Suitable for touch panel display, industrial control equipment and many others.

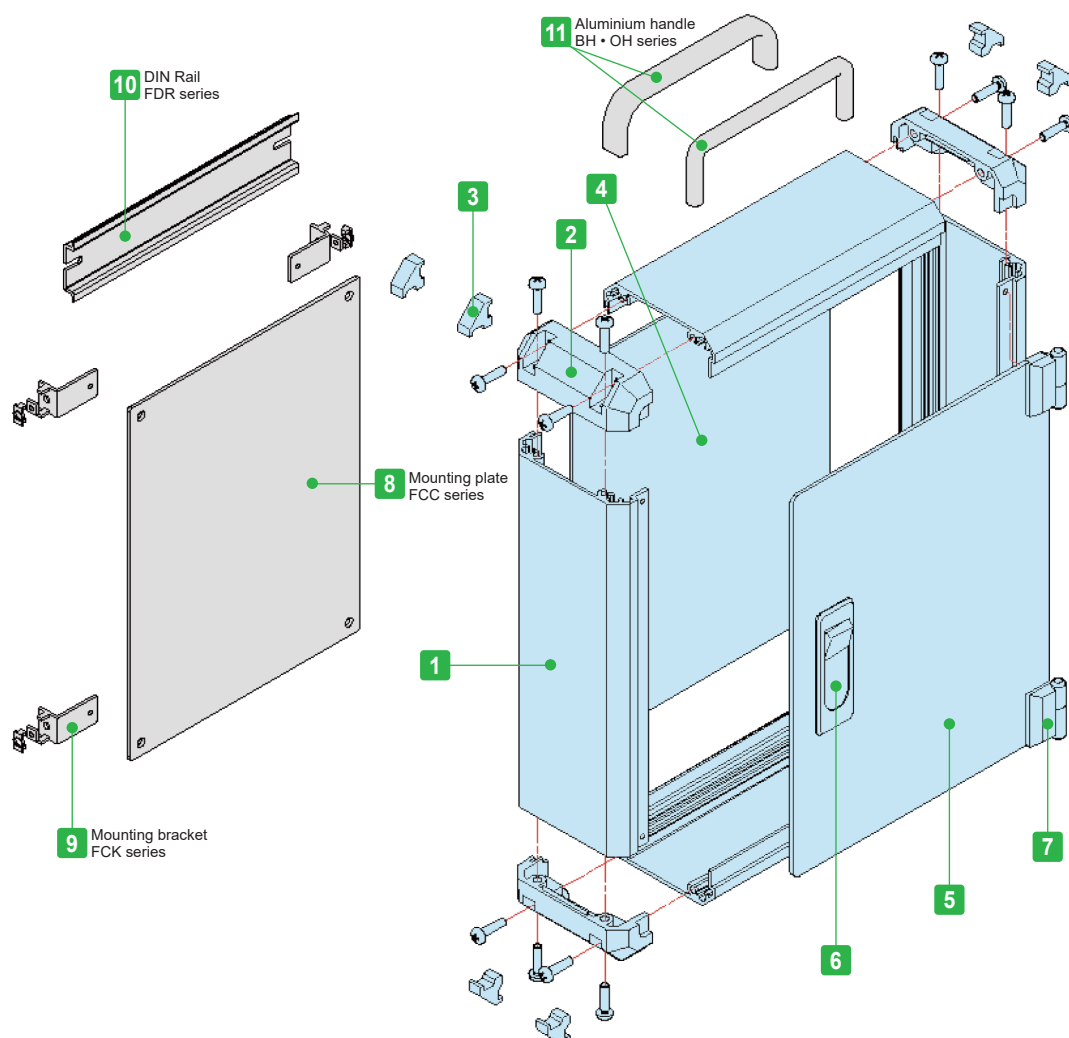
Custom width / length available



- Flexible frame width / length in 1mm intervals.
- No minimum order quantity and short lead time for small quantity order.

Assembly drawing

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



Included screws

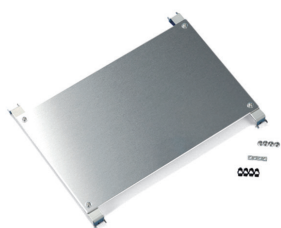
M4-15 pan head & Trivalent chromate x 16 pcs
 M3-5 pan head & Trivalent chromate x 2 pcs or 3 pcs
 M3-5 flat head & Trivalent chromate x 2 pcs or 3 pcs
 M4-8 slotted raised countersunk & Trivalent chromate x 2 pcs or 4 pcs
 M4-6 slotted raised countersunk & Trivalent chromate x 2 pcs or 4 pcs

Components

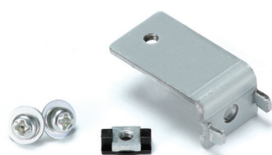
No.	Part name	Pcs	Material	Color / Finish
1	Frame	4	Extruded aluminium A6063S-T5	Silver / Anodized with clear coating
2	Corner block	4	ABS UL94HB	Light gray • Black
3	Blind plug	8	Elastomer	Light gray • Black
4	Slide panel	1	Aluminium A1100P	Silver / Anodized
5	Open-closing panel	1	Aluminium A1100P	Silver / Anodized
6	Flat handle	1 set	Diecast Zinc	Silver / Painted
7	Hinge	1 set	Diecast Zinc	Silver / Painted

■ Panels are covered with a protective film on one side.

Accessories (Optional parts)



8 Mounting plate FCC series
See page 351



9 Mounting bracket FCK series
See page 352

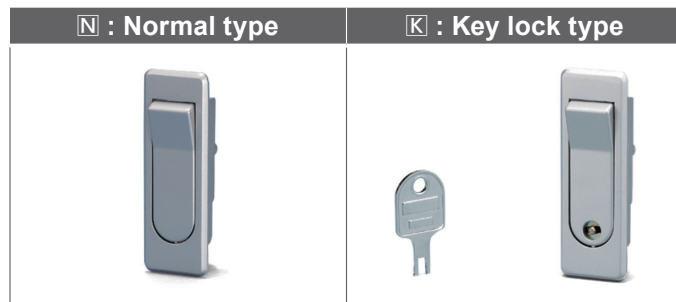


10 DIN Rail FDR series
See page 100



11 Aluminium handle BH • OH series
See website

Flat Handle Type



Color Type

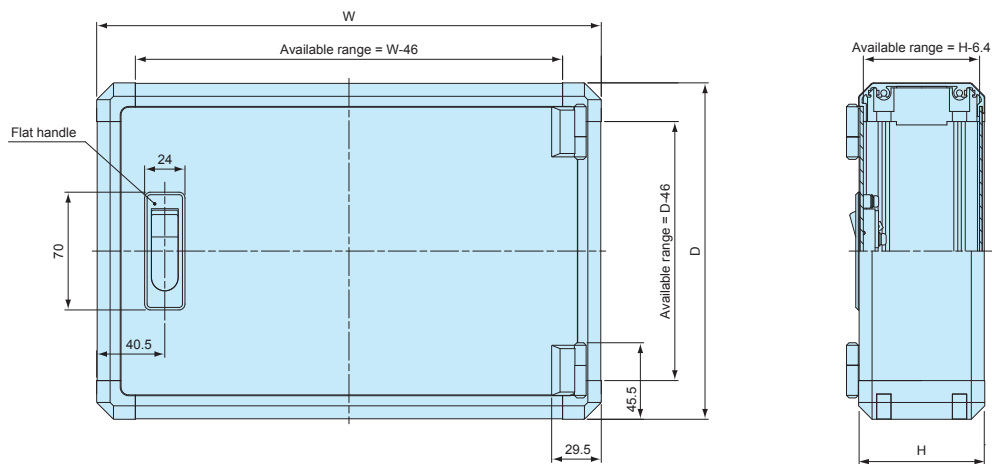


FCW dimensions

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

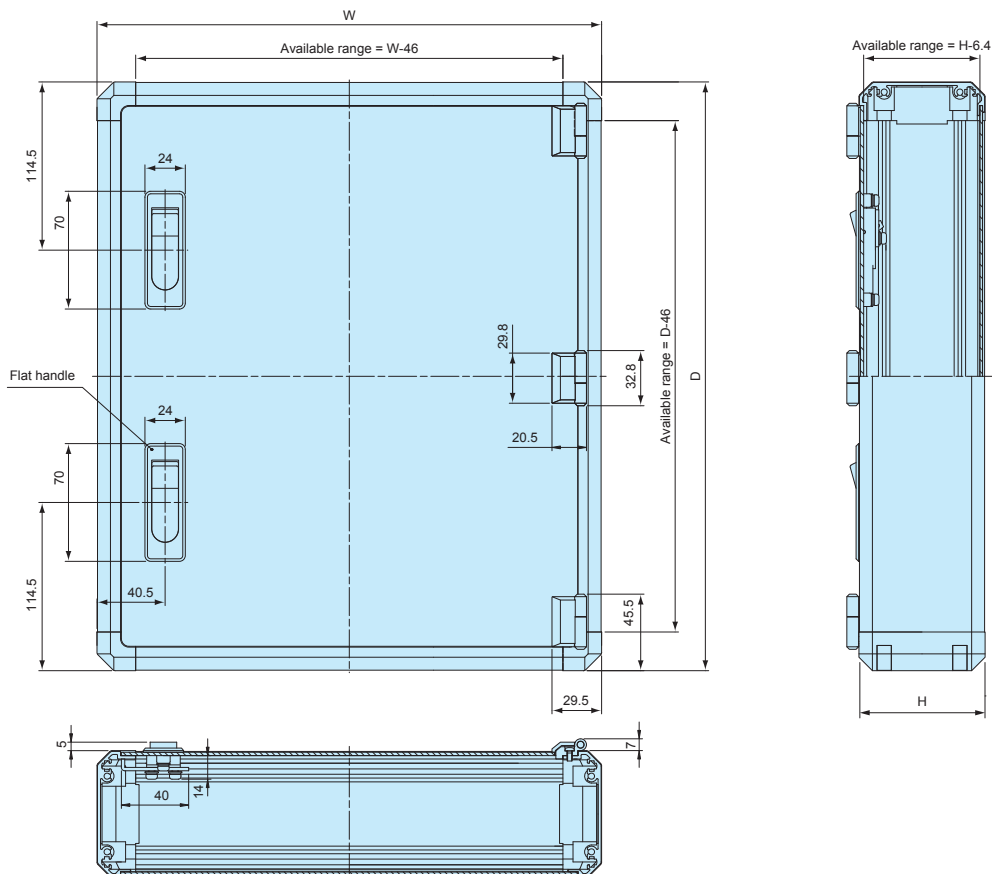
Handle - 1 pc / Hinge - 2 pcs type

Not applicable for FCW□-30-50, FCW□-40-50, and FCW□-40-60 models.



Handle - 2 pcs / Hinge - 3 pcs type

Applicable for FCW□-30-50, FCW□-40-50, and FCW□-40-60 models.

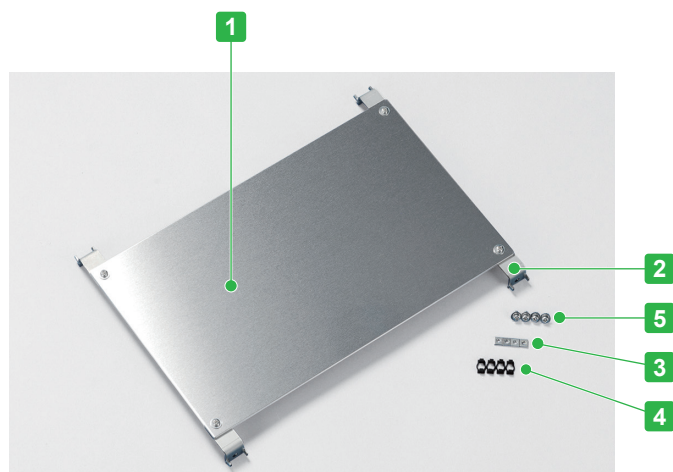


Specify your order with complete combination product number as per below

FCW 5 - 20 - 15Flat Handle Type
(N or K)Color Code
(GS or BS)**Product no. / Details**

Product no.	H	W	D	Weight (kg)	Flat handle / Hinge pcs
FCW5-15-20□□□	50.4	150	200	0.69	1 / 2
FCW5-15-25□□□	50.4	150	250	0.80	1 / 2
FCW5-20-15□□□	50.4	200	150	0.69	1 / 2
FCW5-20-20□□□	50.4	200	200	0.83	1 / 2
FCW5-20-25□□□	50.4	200	250	0.97	1 / 2
FCW5-20-30□□□	50.4	200	300	1.11	1 / 2
FCW5-25-25□□□	50.4	250	250	1.14	1 / 2
FCW5-25-30□□□	50.4	250	300	1.30	1 / 2
FCW5-25-40□□□	50.4	250	400	1.63	1 / 2
FCW5-30-20□□□	50.4	300	200	1.11	1 / 2
FCW5-30-30□□□	50.4	300	300	1.50	1 / 2
FCW5-30-40□□□	50.4	300	400	1.87	1 / 2
FCW5-30-50□□□	50.4	300	500	2.28	2 / 3
FCW5-35-25□□□	50.4	350	250	1.47	1 / 2
FCW5-40-30□□□	50.4	400	300	1.88	1 / 2
FCW5-40-40□□□	50.4	400	400	2.37	1 / 2
FCW5-40-50□□□	50.4	400	500	2.82	2 / 3
FCW5-40-60□□□	50.4	400	600	3.28	2 / 3
FCW6-15-20□□□	62.9	150	200	0.72	1 / 2
FCW6-15-25□□□	62.9	150	250	0.84	1 / 2
FCW6-20-15□□□	62.9	200	150	0.72	1 / 2
FCW6-20-20□□□	62.9	200	200	0.86	1 / 2
FCW6-20-25□□□	62.9	200	250	1.01	1 / 2
FCW6-20-30□□□	62.9	200	300	1.16	1 / 2
FCW6-25-25□□□	62.9	250	250	1.18	1 / 2
FCW6-25-30□□□	62.9	250	300	1.35	1 / 2
FCW6-25-40□□□	62.9	250	400	1.69	1 / 2
FCW6-30-20□□□	62.9	300	200	1.16	1 / 2
FCW6-30-30□□□	62.9	300	300	1.55	1 / 2
FCW6-30-40□□□	62.9	300	400	1.93	1 / 2
FCW6-30-50□□□	62.9	300	500	2.35	2 / 3
FCW6-35-25□□□	62.9	350	250	1.46	1 / 2
FCW6-40-30□□□	62.9	400	300	1.94	1 / 2
FCW6-40-40□□□	62.9	400	400	2.44	1 / 2
FCW6-40-50□□□	62.9	400	500	2.94	2 / 3
FCW6-40-60□□□	62.9	400	600	3.36	2 / 3
FCW8-15-20□□□	75.4	150	200	0.76	1 / 2
FCW8-15-25□□□	75.4	150	250	0.88	1 / 2
FCW8-20-15□□□	75.4	200	150	0.76	1 / 2
FCW8-20-20□□□	75.4	200	200	0.91	1 / 2
FCW8-20-25□□□	75.4	200	250	1.06	1 / 2
FCW8-20-30□□□	75.4	200	300	1.21	1 / 2
FCW8-25-25□□□	75.4	250	250	1.24	1 / 2
FCW8-25-30□□□	75.4	250	300	1.41	1 / 2
FCW8-25-40□□□	75.4	250	400	1.76	1 / 2
FCW8-30-20□□□	75.4	300	200	1.21	1 / 2
FCW8-30-30□□□	75.4	300	300	1.62	1 / 2
FCW8-30-40□□□	75.4	300	400	2.02	1 / 2
FCW8-30-50□□□	75.4	300	500	2.44	2 / 3
FCW8-35-25□□□	75.4	350	250	1.59	1 / 2
FCW8-40-30□□□	75.4	400	300	2.02	1 / 2
FCW8-40-40□□□	75.4	400	400	2.53	1 / 2
FCW8-40-50□□□	75.4	400	500	3.05	2 / 3
FCW8-40-60□□□	75.4	400	600	3.47	2 / 3

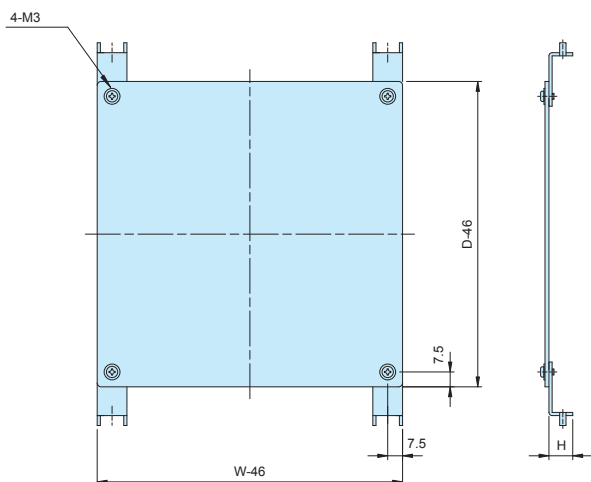
Product no.	H	W	D	Weight (kg)	Flat handle / Hinge pcs
FCW10-15-20□□□	100.4	150	200	0.83	1 / 2
FCW10-15-25□□□	100.4	150	250	0.97	1 / 2
FCW10-20-15□□□	100.4	200	150	0.83	1 / 2
FCW10-20-20□□□	100.4	200	200	1.00	1 / 2
FCW10-20-25□□□	100.4	200	250	1.17	1 / 2
FCW10-20-30□□□	100.4	200	300	1.33	1 / 2
FCW10-25-25□□□	100.4	250	250	1.36	1 / 2
FCW10-25-30□□□	100.4	250	300	1.55	1 / 2
FCW10-25-40□□□	100.4	250	400	1.93	1 / 2
FCW10-30-20□□□	100.4	300	200	1.34	1 / 2
FCW10-30-30□□□	100.4	300	300	1.77	1 / 2
FCW10-30-40□□□	100.4	300	400	2.20	1 / 2
FCW10-30-50□□□	100.4	300	500	2.64	2 / 3
FCW10-35-25□□□	100.4	350	250	1.74	1 / 2
FCW10-40-30□□□	100.4	400	300	2.21	1 / 2
FCW10-40-40□□□	100.4	400	400	2.74	1 / 2
FCW10-40-50□□□	100.4	400	500	3.27	2 / 3
FCW10-40-60□□□	100.4	400	600	3.71	2 / 3
FCW13-15-20□□□	125.4	150	200	0.89	1 / 2
FCW13-15-25□□□	125.4	150	250	1.04	1 / 2
FCW13-20-15□□□	125.4	200	150	0.89	1 / 2
FCW13-20-20□□□	125.4	200	200	1.06	1 / 2
FCW13-20-25□□□	125.4	200	250	1.32	1 / 2
FCW13-20-30□□□	125.4	200	300	1.41	1 / 2
FCW13-25-25□□□	125.4	250	250	1.44	1 / 2
FCW13-25-30□□□	125.4	250	300	1.63	1 / 2
FCW13-25-40□□□	125.4	250	400	2.02	1 / 2
FCW13-30-20□□□	125.4	300	200	1.41	1 / 2
FCW13-30-30□□□	125.4	300	300	1.94	1 / 2
FCW13-30-40□□□	125.4	300	400	2.30	1 / 2
FCW13-30-50□□□	125.4	300	500	2.74	2 / 3
FCW13-35-25□□□	125.4	350	250	1.83	1 / 2
FCW13-40-30□□□	125.4	400	300	2.30	1 / 2
FCW13-40-40□□□	125.4	400	400	2.86	1 / 2
FCW13-40-50□□□	125.4	400	500	3.39	2 / 3
FCW13-40-60□□□	125.4	400	600	3.84	2 / 3
FCW15-15-20□□□	150.4	150	200	0.96	1 / 2
FCW15-15-25□□□	150.4	150	250	1.07	1 / 2
FCW15-20-15□□□	150.4	200	150	0.91	1 / 2
FCW15-20-20□□□	150.4	200	200	1.18	1 / 2
FCW15-20-25□□□	150.4	200	250	1.37	1 / 2
FCW15-20-30□□□	150.4	200	300	1.57	1 / 2
FCW15-25-25□□□	150.4	250	250	1.59	1 / 2
FCW15-25-30□□□	150.4	250	300	1.80	1 / 2
FCW15-25-40□□□	150.4	250	400	2.23	1 / 2
FCW15-30-20□□□	150.4	300	200	1.57	1 / 2
FCW15-30-30□□□	150.4	300	300	2.05	1 / 2
FCW15-30-40□□□	150.4	300	400	2.53	1 / 2
FCW15-30-50□□□	150.4	300	500	2.99	2 / 3
FCW15-35-25□□□	150.4	350	250	2.02	1 / 2
FCW15-40-30□□□	150.4	400	300	2.53	1 / 2
FCW15-40-40□□□	150.4	400	400	3.12	1 / 2
FCW15-40-50□□□	150.4	400	500	3.68	2 / 3
FCW15-40-60□□□	150.4	400	600	4.14	2 / 3

FCC series**MOUNTING PLATE for FC • FCW**

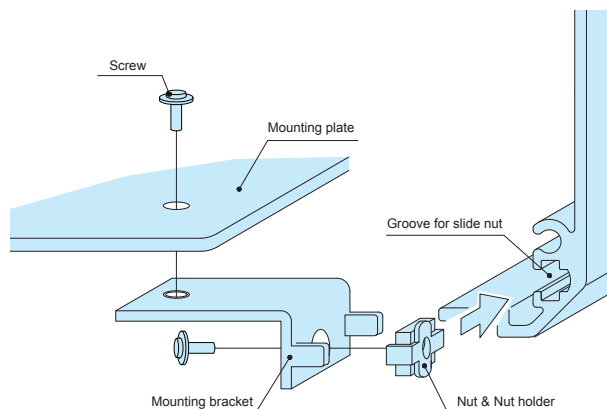
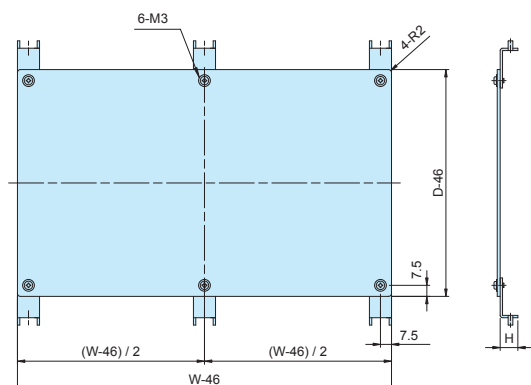
- The mounting bracket comes in 2 different height versions, 12mm and 22mm.
- Use 22mm height version when set on the open/close panel side of FCW series.
- Not suitable for FC4 (H = 37.9mm)
- Mounting brackets (FCK) are included with FCC series.

FCC drawings

For box size (W x D or D x W) 100 x 100mm to 350 x 300mm



For box size (W x D or D x W) 400/500/600 x 200/250/300 mm

**How to assemble**

- ① Slide a M3 nut and nut holder into the groove on the frame.
- ② Screw the mounting bracket into the nut holder.
- ③ Screw the mounting plate onto the mounting bracket.

Components

No.	Part name	Material	Color / Finish
1	Mounting plate	Aluminium A1050P t=2.0	Unfinished
2	Mounting bracket	Steel SECC t=1.6	Zinc coated
3	M3 nut	Steel SPCC t=1.6	Trivalent chromate
4	Nut holder	POM	Black
5	Screw M3-6 pan head	Steel	Trivalent chromate

Product no. / Details

Product no.	H	Box W x D or D x W	Product no.	H	Box W x D or D x W
FCC10-10-1	12	100 × 100	FCC10-10-2	22	100 × 100
FCC15-10-1	12	150 × 100	FCC15-10-2	22	150 × 100
FCC15-15-1	12	150 × 150	FCC15-15-2	22	150 × 150
FCC20-10-1	12	200 × 100	FCC20-10-2	22	200 × 100
FCC20-15-1	12	200 × 150	FCC20-15-2	22	200 × 150
FCC20-20-1	12	200 × 200	FCC20-20-2	22	200 × 200
FCC25-15-1	12	250 × 150	FCC25-15-2	22	250 × 150
FCC25-20-1	12	250 × 200	FCC25-20-2	22	250 × 200
FCC25-25-1	12	250 × 250	FCC25-25-2	22	250 × 250
FCC30-15-1	12	300 × 150	FCC30-15-2	22	300 × 150
FCC30-20-1	12	300 × 200	FCC30-20-2	22	300 × 200
FCC30-25-1	12	300 × 250	FCC30-25-2	22	300 × 250
FCC30-30-1	12	300 × 300	FCC30-30-2	22	300 × 300
FCC35-20-1	12	350 × 200	FCC35-20-2	22	350 × 200
FCC35-25-1	12	350 × 250	FCC35-25-2	22	350 × 250
FCC35-30-1	12	350 × 300	FCC35-30-2	22	350 × 300

Included screws: M3-6 pan head trivalent chromate with flat washer x 8 pcs

Product no. / Details

Product no.	H	Box W x D or D x W	Product no.	H	Box W x D or D x W
FCC40-20-1	12	400 × 200	FCC40-20-2	22	400 × 200
FCC40-25-1	12	400 × 250	FCC40-25-2	22	400 × 250
FCC40-30-1	12	400 × 300	FCC40-30-2	22	400 × 300
FCC50-25-1	12	500 × 250	FCC50-25-2	22	500 × 250
FCC50-30-1	12	500 × 300	FCC50-30-2	22	500 × 300
FCC60-30-1	12	600 × 300	FCC60-30-2	22	600 × 300

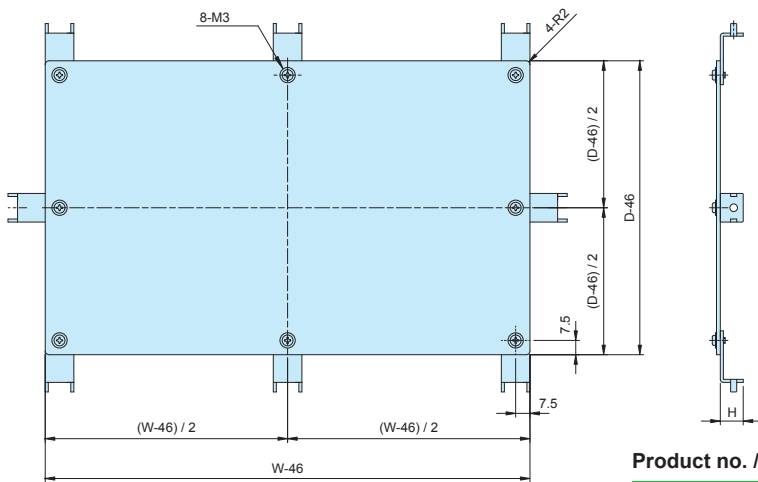
Included screws: M3-6 pan head trivalent chromate with flat washer x 12 pcs

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

FCC drawings

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

For box size (W x D or D x W) 400/500/600 x 400mm



Product no. / Details

Product no.	H	Box W x D or D x W	Product no.	H	Box W x D or D x W
FCC40-40-1	12	400 × 400	FCC40-40-2	22	400 × 400
FCC50-40-1	12	500 × 400	FCC50-40-2	22	500 × 400
FCC60-40-1	12	600 × 400	FCC60-40-2	22	600 × 400

Included screws: M3-6 pan head trivalent chromate with flat washer x 16 pcs

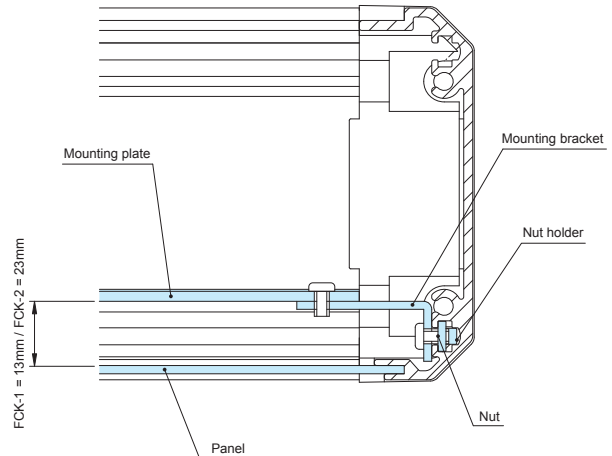
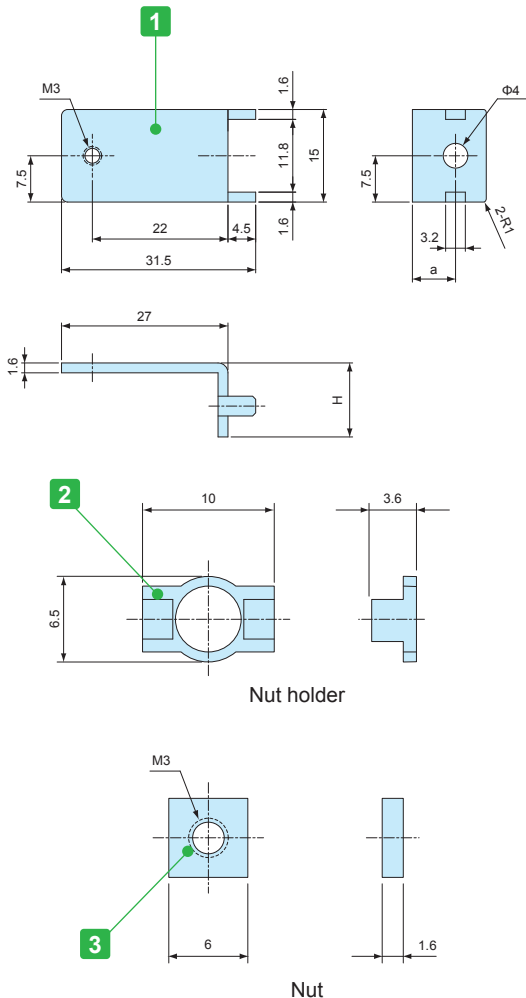
Accessories (Optional parts)

FCK series

MOUNTING BRACKET

FCK drawings

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



- 2 mounting brackets for PCB or DIN-Rail.
- FCK mounting bracket comes with FCC mounting plate.
Additional FCK is not required when purchasing FCC series.
- Not suitable for FC4 (H = 37.9mm).

Components

No.	Part name	Material	Color / Finish
1	Mounting bracket	Steel SECC t=1.6	Zinc coated
2	Nut holder	POM	Black
3	M3 nut	Steel SPCC t=1.6	Trivalent chromate

Product no. / Details

Product no.	H	a	Pack of
FCK-1	12	7	10
FCK-2	22	17	10

Included screws: M3-6 pan head trivalent chromate with flat washer x 20 pcs

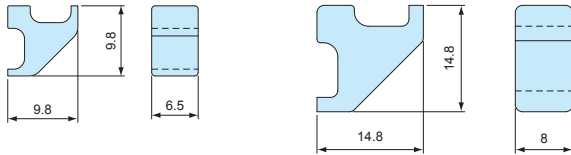
FC-BK series**BLIND PLUG**

■ Spare / Replacement blind plug for FC • FCW series.

FC-BK drawings

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

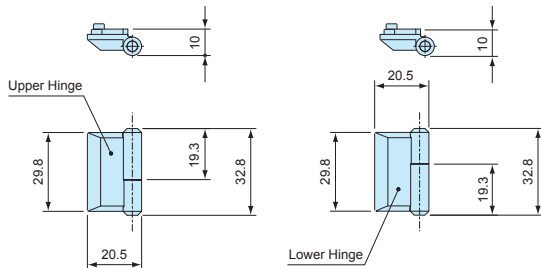
FC-BK-S□ (FC4 models) FC-BK-□ (Other FC models • FCW series)



Product no.	Material	Color	Pack of
FC-BK-SG	Elastomer	Light gray	4
FC-BK-SB	Elastomer	Black	4
FC-BK-G	Elastomer	Light gray	4
FC-BK-B	Elastomer	Black	4

FW series**HINGE for FCW**

■ Spare / Replacement hinge for FCW series.

FW drawings

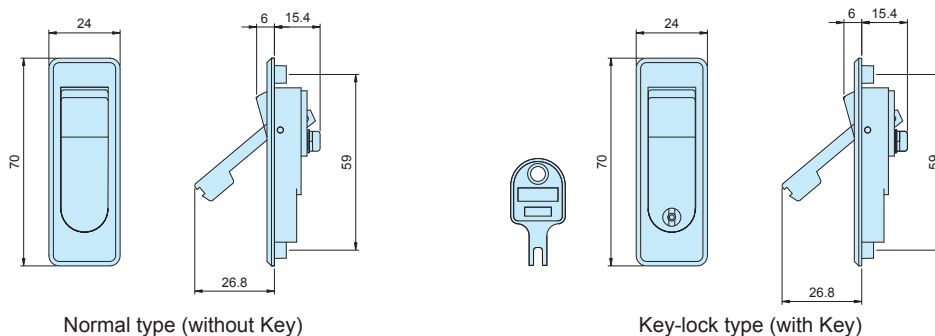
Product no.	Material	Color / Finish	Pack of
FW-2S	Diecast zinc	Silver / Painted	1 set (Upper/Lower)

PH-88 series**FLAT HANDLE for FCW**

■ Spare / Replacement flat handle for FCW series.

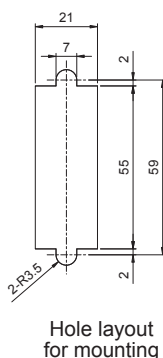
PH-88 drawings

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



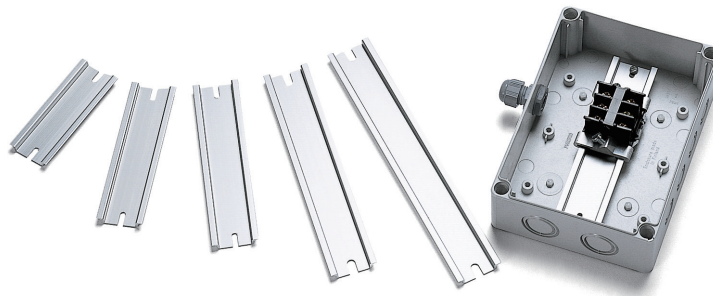
Normal type (without Key)

Key-lock type (with Key)



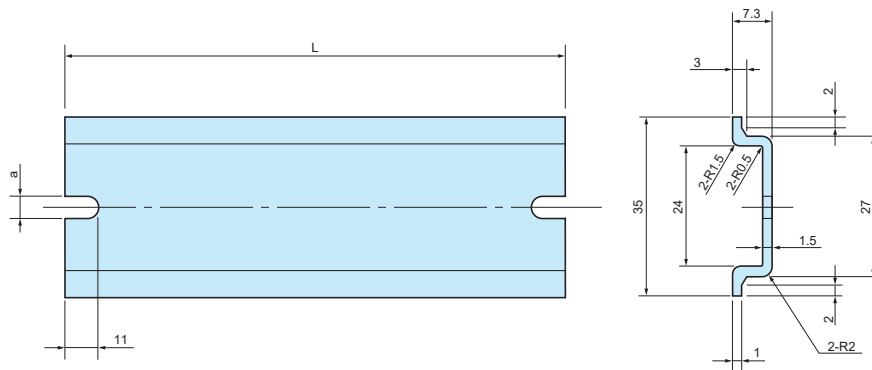
Hole layout
for mounting

Product no.	Key	Material	Color / Finish
PH-88A-2S	Without	Diecast zinc	Silver / Painted
PH-88 -2S	With	Diecast zinc	Silver / Painted

FDR series**DIN RAIL**

Application example

- DIN Rail for installation of terminals, relays, or switches inside enclosures.
- Suitable for DIN Rail types of various manufacturers.

**Product no. / Details**

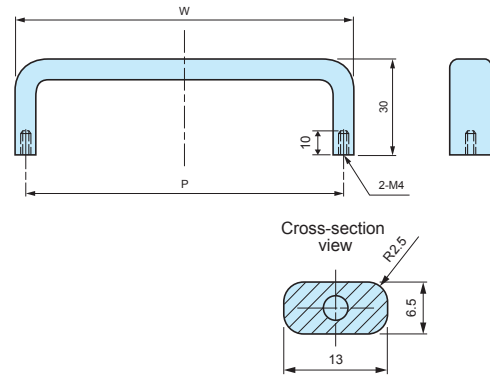
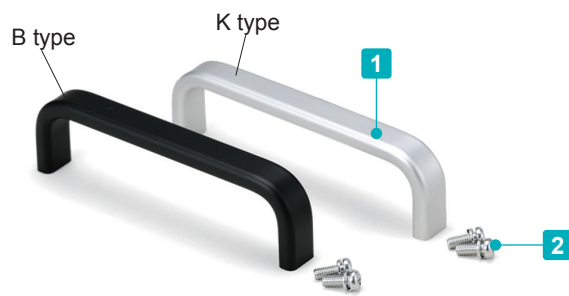
Product no.	L	a	Matching boss pitch	Weight
FDR- 50	50	4.2	32 ~ 42	8.6
FDR- 57	57	4.2	39 ~ 49	9.5
FDR- 66	66	4.2	48 ~ 58	10
FDR- 77	77	4.2	59 ~ 69	12
FDR- 80	80	4.2	62 ~ 72	13
FDR- 87	87	4.2	69 ~ 79	14
FDR- 92	92	4.2	74 ~ 84	15
FDR-100	100	4.2	82 ~ 92	17.8
FDR-106	106	4.2	88 ~ 98	19
FDR-110	110	4.2	92 ~ 102	20
FDR-120	120	4.2	102 ~ 112	21
FDR-128	128	4.2	110 ~ 120	23
FDR-137	137	4.2	119 ~ 129	24
FDR-142	142	4.2	124 ~ 134	25
FDR-146	146	4.2	128 ~ 138	26
FDR-150	150	4.2	132 ~ 142	25.8
FDR-168	168	4.2	150 ~ 160	30
FDR-170	170	4.2	152 ~ 162	30
FDR-186	186	4.2	168 ~ 178	32
FDR-202	202	4.2	184 ~ 194	37
FDR-205	205	4.2	187 ~ 197	36
FDR-223	223	4.2	205 ~ 215	39.3
FDR-226	226	4.2	208 ~ 218	39
FDR-235	235	4.2	217 ~ 227	42
FDR-242	242	4.2	224 ~ 234	43
FDR-249	249	4.2	231 ~ 241	43
FDR-283	283	4.2	265 ~ 275	49
FDR-300	300	4.2	282 ~ 292	52
NEW FDR-314	314	4.2	296 ~ 306	51.5
FDR-350	350	4.2	332 ~ 342	60
FDR-400	400	4.2	382 ~ 392	69
FDR-450	450	4.2	432 ~ 442	78
FDR-550	550	4.2	532 ~ 542	94

Product no.	L	a	Matching boss pitch	Weight
NEW FDR-B106	106	6.5	90 ~ 96	17.5
FDR-B124	124	6.5	108 ~ 114	21.4
FDR-B142	142	6.5	126 ~ 132	24
FDR-B160	160	6.5	144 ~ 150	28
FDR-B165	165	6.5	149 ~ 155	28
FDR-B176	176	6.5	160 ~ 166	30
FDR-B183	183	6.5	167 ~ 173	30
FDR-B196	196	6.5	180 ~ 186	33
FDR-B223	223	6.5	207 ~ 213	37
FDR-B256	256	6.5	240 ~ 246	43
FDR-B260	260	6.5	244 ~ 250	45
NEW FDR-B276	276	6.5	260 ~ 266	47.5
FDR-B303	303	6.5	287 ~ 293	52
NEW FDR-B327	327	6.5	311 ~ 317	56.2
FDR-B338	338	6.5	322 ~ 328	57
FDR-B360	360	6.5	344 ~ 350	63
FDR-B376	376	6.5	360 ~ 366	64
FDR-B383	383	6.5	367 ~ 373	65
FDR-B463	463	6.5	447 ~ 453	87
FDR-1000	1,000	—	—	169.5

- Material / Finish: A6063S-T5 / Silver anodized
- FDR-1000 does not have mounting holes.

OH SERIES

ALUMINIUM HANDLE



Components

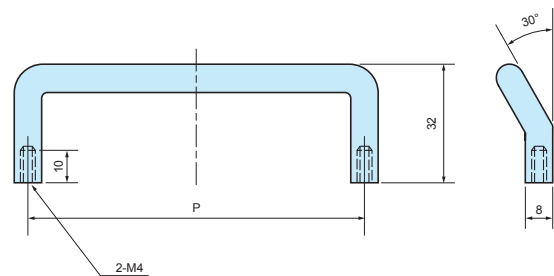
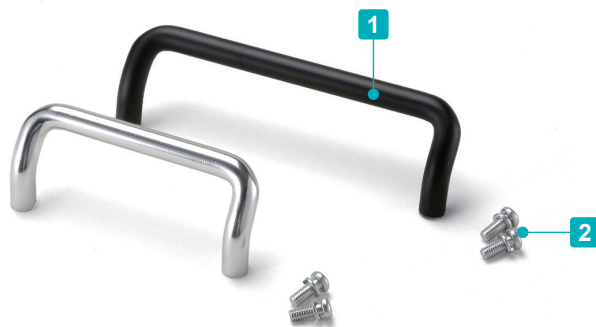
No.	Part name	Pcs	Material	Color / Finish
1	Handle	1	Extruded aluminium A6063S-T5	Matte anodized
2	Screw (M4-10 Pan head with spring washer)	2	Steel	Trivalent chromate

Product no. / Dimensions

Product no.		P	W	Pack of
● Black matte anodized	● Silver matte anodized			
OH- 55B	OH- 55K	55	61.5	2
OH- 70B	OH- 70K	70	76.5	2
OH- 85B	OH- 85K	85	91.5	2
OH-100B	OH-100K	100	106.5	2
OH-120B	OH-120K	120	126.5	2
OH-140B	OH-140K	140	146.5	2
OH-170B	OH-170K	170	176.5	2

KH SERIES

ANGLED ALUMINIUM HANDLE

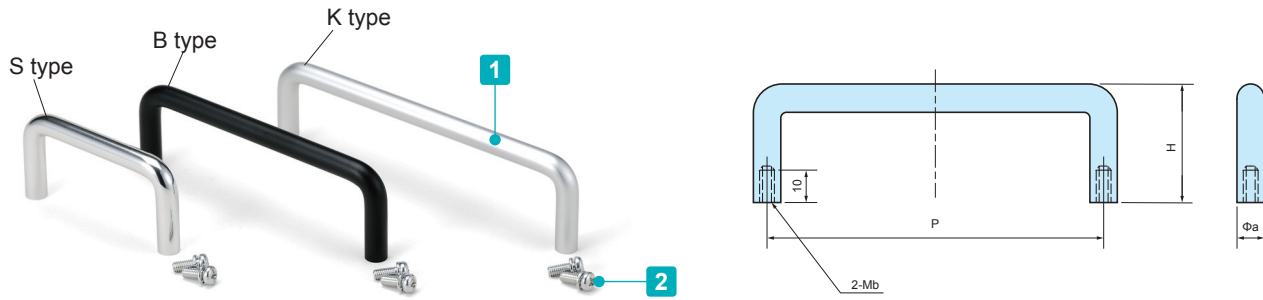


Components

No.	Part name	Pcs	Material	Color / Finish
1	Handle	1	Extruded aluminium A5056S	Polished • Matte anodized
2	Screw (M4-10 Pan head with spring washer)	2	Steel	Trivalent chromate

Product no. / Dimensions

Product no.		P	Pack of
● Silver polished	● Black matte anodized		
KH- 70S	KH- 70B	70	2
KH-100S	KH-100B	100	2

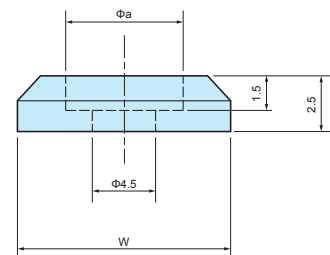
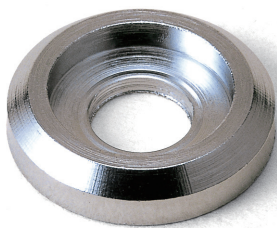
BH SERIES**ROUNDED ALUMINIUM HANDLE****Components**

No.	Part name	Pcs	Material	Color / Finish
1	Handle	1	Extruded aluminium A5056S	Polished • Matte anodized
2	Screw	2	Steel	Trivalent chromate

Product no. / Dimensions

■ K type only available on BH-100, 120, 150, and 180 models.

Product no.			P	H	a	b	Pack of
● Silver polished	● Black matte anodized	● Silver matte anodized					
BH- 26S	BH- 26B	–	26	25	6	3	2
BH- 30S	BH- 30B	–	30	35	8	4	2
BH- 50S	BH- 50B	–	50	35	8	4	2
BH- 60S	BH- 60B	–	60	35	8	4	2
BH- 70S	BH- 70B	–	70	35	8	4	2
BH- 80S	BH- 80B	–	80	35	8	4	2
BH-100S	BH-100B	BH-100K	100	35	8	4	2
BH-110S	BH-110B	–	110	35	8	4	2
BH-120S	BH-120B	BH-120K	120	35	8	4	2
BH-150S	BH-150B	BH-150K	150	35	8	4	2
BH-180S	BH-180B	BH-180K	180	35	8	4	2

Z-P SERIES**WASHER for HANDLE**

■ Brass washer for BH • KH series.

Product no. / Dimensions

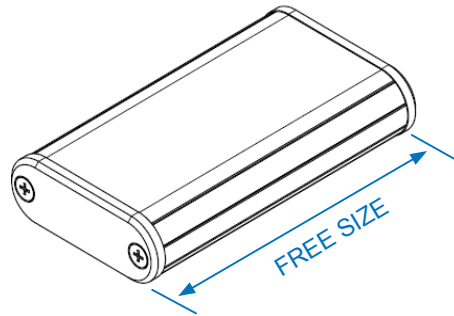
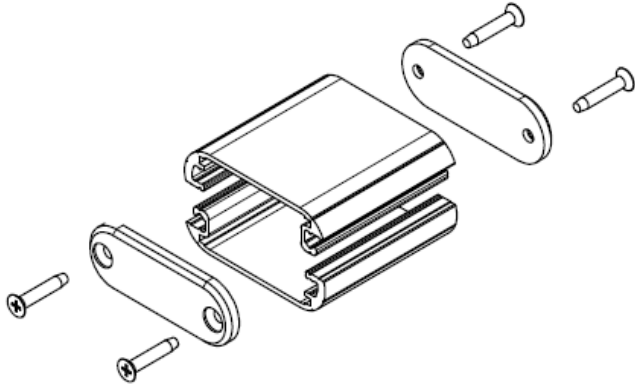
■ Material / Brass

Product no.		W	a	Pack of
Chrome plated	Black painted			
Z-P6S	Z-P6B	10	6.2	10
Z-P8S	Z-P8B	12	8.2	10

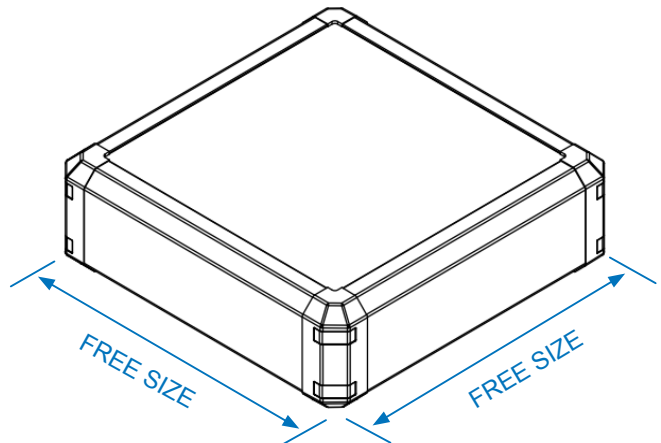
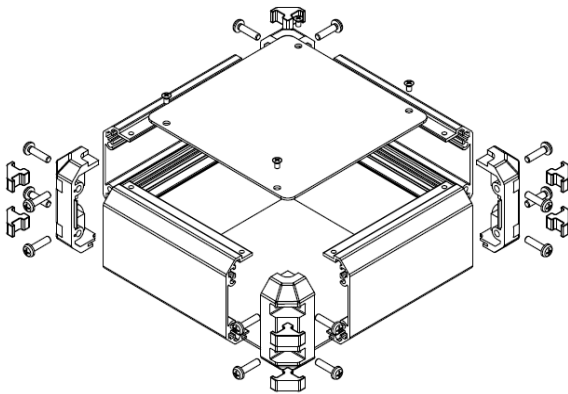
VARIETY OF CUSTOM SIZED ENCLOSURES

Extruded models are adjustable in extrusion length (depth) in 0.1mm or 1.0mm intervals.
Sheet-metal models are adjustable in W/D/H dimensions in 1.0mm intervals.

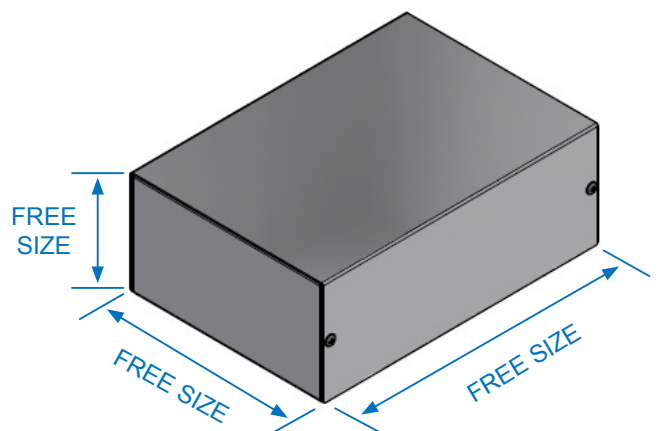
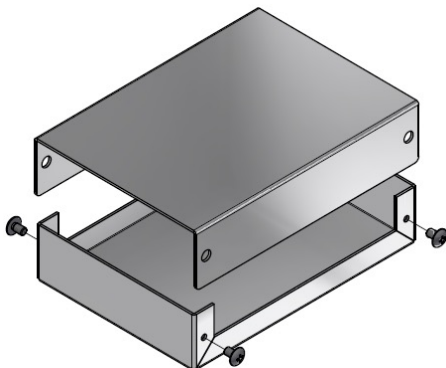
EXTRUDED ALUMINIUM MODEL



4 SIDE-EXTRUDED ALUMINIUM MODEL



SHEET METAL MODEL



More custom sized models are available.

https://www.takachi-enclosure.com/cat/flexible_size

INQUIRING CUSTOM SIZED ENCLOSURES

- 1 Navigate to the free-size product page you wish to inquire on our website and click on the button indicated by the  arrow.



Custom sized shock-proof design instrument enclosure.
Corner guards are designed to be both aesthetically pleasing, and impact resistant.

Selectable 22 different Width/Height profiles and specified length (depth) from 40 to 500mm in 1mm intervals.
16 different color combinations can be specified.

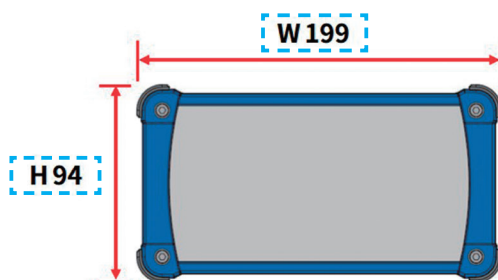


CUSTOM SIZE WEB QUOTATION	3D View - Silver/Navy	3D View - 16 color types
3D View - With tilt legs	Exploded view	Color code

■ If there is no "WEB QUOTATION" click button, please send us your inquiry from the "INQUIRY FORM" on the CONTACT tab on our website.

- 2 Go to the CUSTOM SIZE WEB QUOTATION page and enter your preferred dimensions.

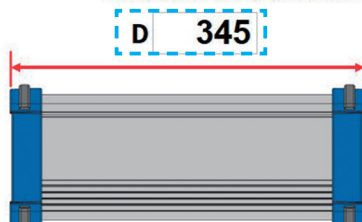
STEP1 Select required width / height.



Select	W	H	Select	W	H
☐	69	34	☐	151	81
☐	69	44	☐	151	101
☐	69	59	☐	199	56
☐	89	39	☐	199	74
☐	89	49	☒	199	94
☐	89	64	☐	199	119
☐	116	41	☐	244	64
☐	116	56	☐	244	89
☐	116	71	☐	244	114
☐	151	46	☐	300	90
☐	151	61	☐	300	140

STEP2 Specify size D(depth) ... Enter dimensions in 1mm intervals.

Available from 40 to 500mm



*NOTE: Specified size D(depth) $\neq$ available internal dimension

Available internal dimension = **D dimension - 20mm**

Please take caution when calculating required D dimension.

- 3 After entering the quantity, click on the button indicated by the → arrow to generate a Product No.

STEP4 **Quantity** ※Quantity can be specified up to 5 slots.

10 pcs

▶Add quantity



▶ **GENERATE PRODUCT NO.**

Product No. **EXPS199 – 94 – 345SN** ※Please use this model number when ordering.

- 4 After entering your details and the message in our INQUIRY FORM, click on the CONFIRM button.

STEP5 **INQUIRY FORM**

Fill out the inquiry form and send it. We will give you quotation by Email.
Inquiry from the country where the distributor is located will be answered by the distributor.

Fields marked with ★ are required

Product No. **EXPS199-94-345SN** Quantity ★ 10

E-mail ★ jiro@takachi-el.co.jp

Company ★ TAKACHI ELECTRONICS ENCLOSURE CO., LTD.

Your name ★ ☐ Mr. ☒ Ms. First name Jiro Last name Takachi

Country ★

Message
I would like a quote for 10 pieces of EXPS199-94-345SN.



▶ **CONFIRM**

Our privacy policy have been designed to ensure that personal information is not misused or used for purposes other than it is intended for.
[PRIVACY POLICY](#)

- 5 A TAKACHI sales representative will get in touch with you with a quote via e-mail.



FCWS SERIES

CUSTOM SIZED ALUMINIUM BOX WITH HINGED DOOR



- Custom sized aluminium box with available width from 150 to 400mm, and depth from 150mm to 600mm in 1mm intervals.
- Selectable in 6 different height types: 50, 63, 75, 100, 125 and 150mm.
- Selectable in 2 different color combinations, with Normal type, or with key lock type handle.
- Standard size FCW series are also available (width and depth available in 50mm intervals).



- See FCW series product pages for more information.

Included screws :
 M4-15 pan head, trivalent chromate x 16 pcs
 M3-5 pan head, trivalent chromate x 2 pcs or 3 pcs
 M3-5 countersunk trivalent chromate x 2 pcs or 3 pcs
 M4-8 trivalent chromate with washer x 2 pcs or 4 pcs
 M4-6 trivalent chromate with washer x 2 pcs or 4 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	4	Extruded aluminium A6063S-T5	Silver / Anodized
2	Corner block	4	ABS UL94HB	Light gray • Black
3	Blind plug	8	TPE	Light gray • Black
–	Slide panel	1	Aluminium A 1100P t=1.5	Silver / Anodized
4	Open-closing panel	1	Aluminium A 1100P t=2.0	Silver / Anodized
5	Flat handle	1 set	Diecast zinc	Silver / Painted
6	Hinge	1 set	Diecast zinc	Silver / Painted
–	Panel protection pad	6	Polyolefin foam	Black

Confirm Product No.

Confirm product no. with **1**~**3** values on page FCWS-2.

Product no. FCWS

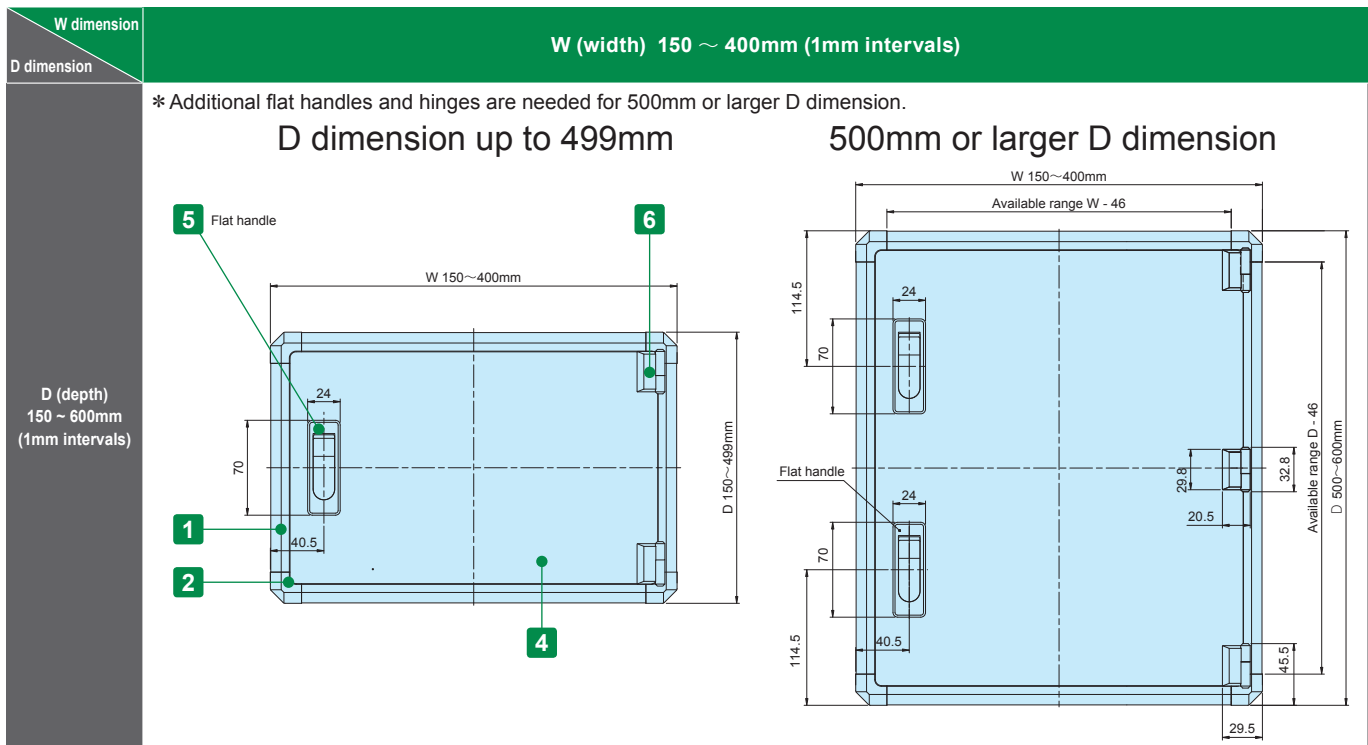
- -
W **D** **H** **Handle Code** **Color Code**

Example : W = 255mm, D = 352 mm, H = 125.4mm, Normal type handle, and GS color.

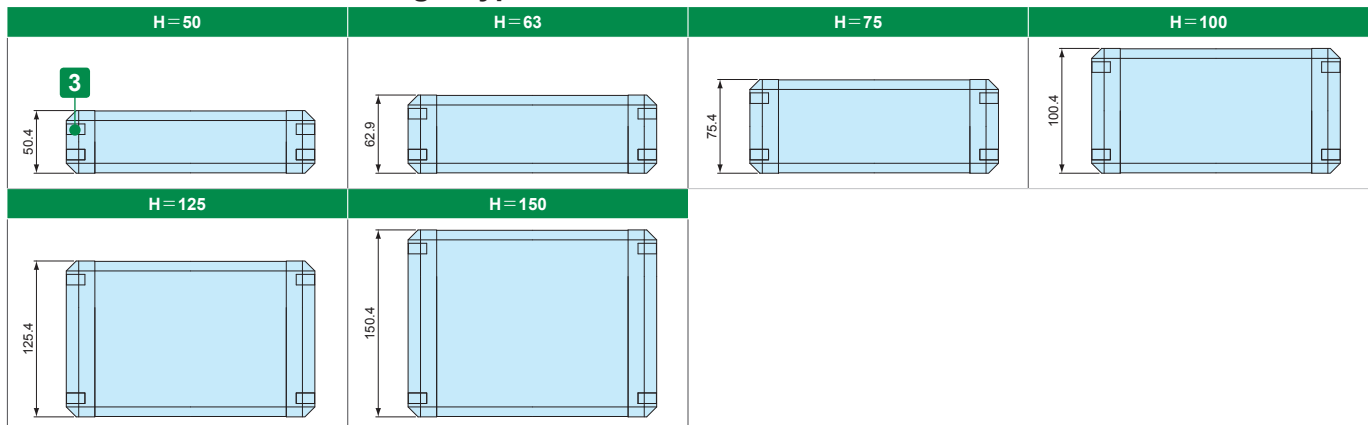
FCWS - -

1 Specify Dimensions

Specify W and D dimensions refer to the below chart and select H (height).

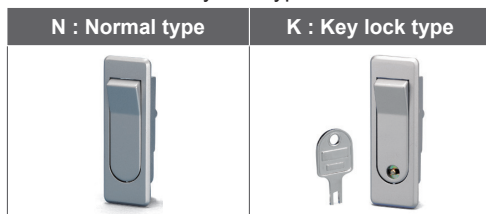


■ Select from 6 available height types.



2 Select Flat Handle Type

Select normal or key lock type



3 Select Color

Select from 2 available colors



Lead time

Custom Size Only
Custom Size + Hole Milling

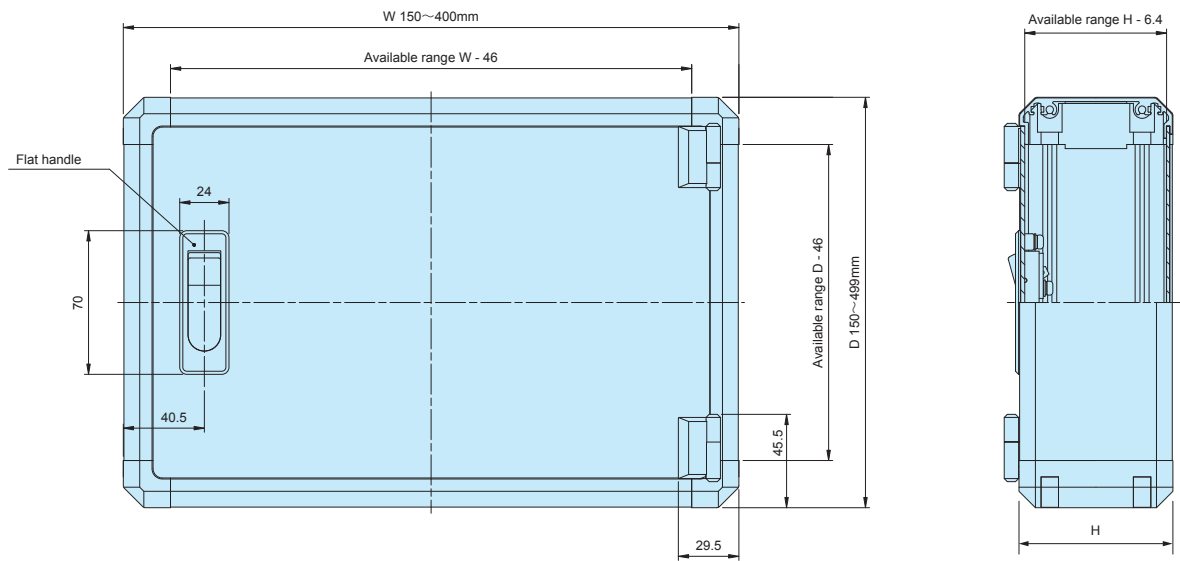
6 business days (1 ~ 5 pcs)
12 business days (1 ~ 5 pcs)

Order Inquiry

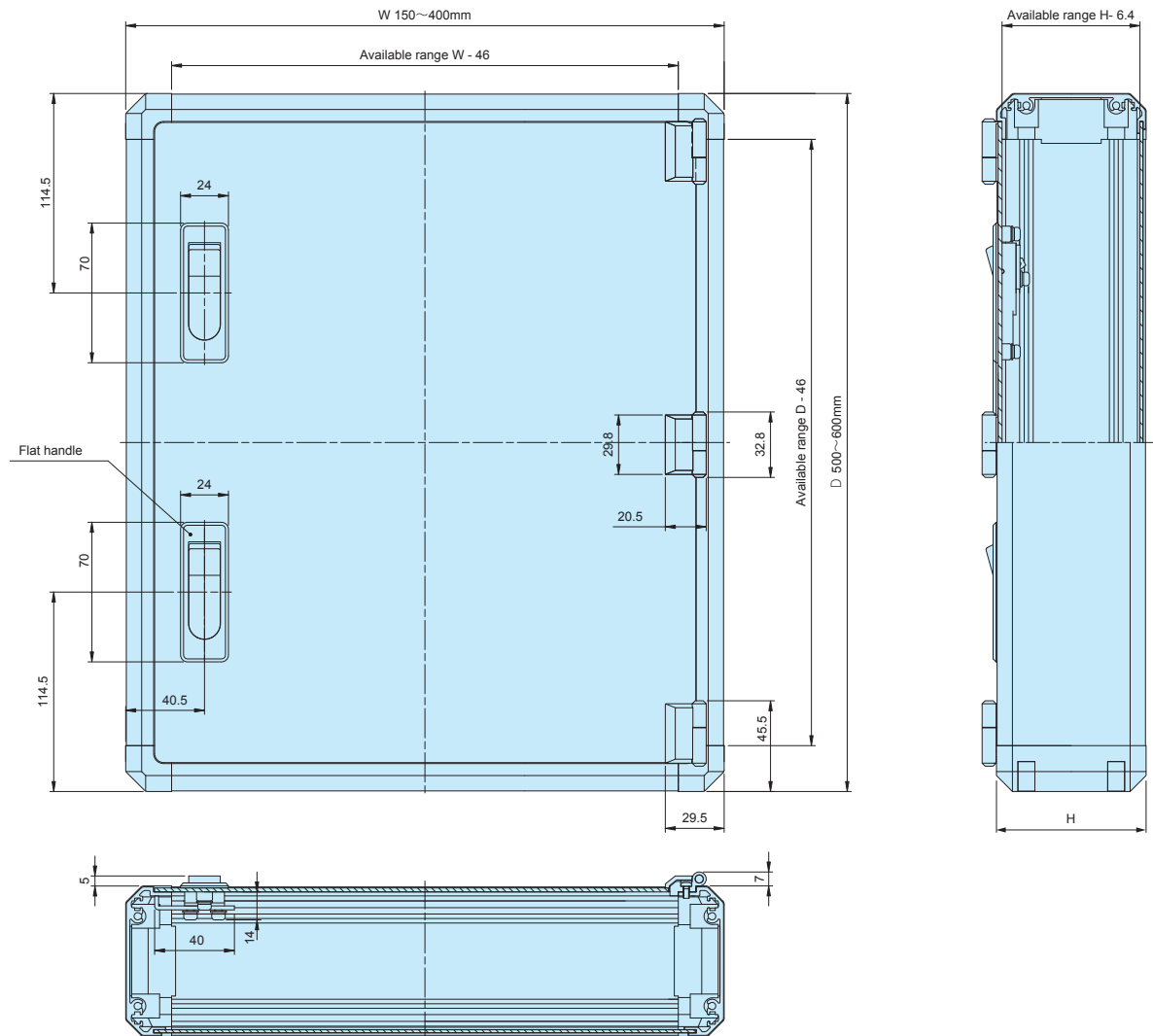
For more information, contact us here at sales@takachi-el.co.jp

FCWS dimensions

Models with D dimension up to 499mm have 2 hinges and 1 flat handle.

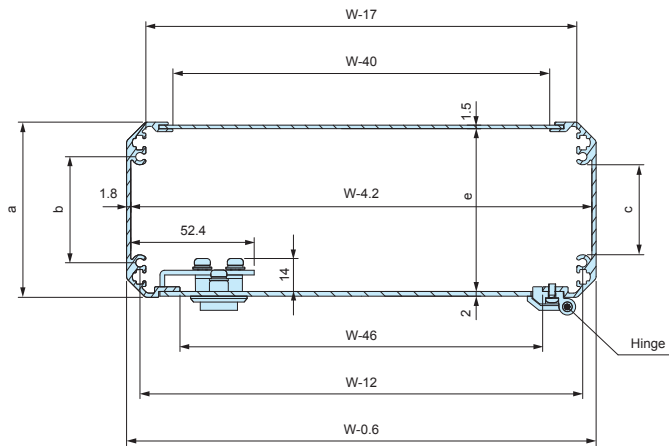


Models with 500mm or larger D dimension have 3 hinges and 2 flat handles.

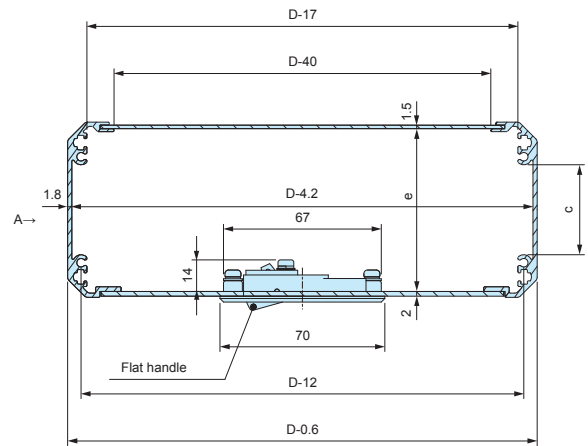


Cross-section Veiw

FCWS



View from W side



View from D side

H (Box height)	a	b	c	e
50.4	49.4	20	13.2	44
62.9	61.9	32.5	25.7	56.5
75.4	74.4	45	38.2	69
100.4	99.4	70	63.2	94
125.4	124.4	95	88.2	119
150.4	149.4	120	113.2	144

FC series ALUMINIUM CONTROL BOX

FC and FCW series are applicable for various purposes such as control and switch box, touch panel display, monitor box, and more.

APPLICATION EXAMPLE

Ultrasonic Flow Detector



Coil Winding Machine



Remote Control Logger



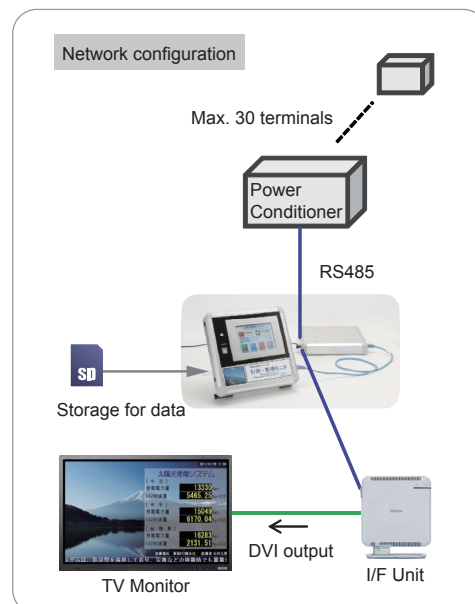
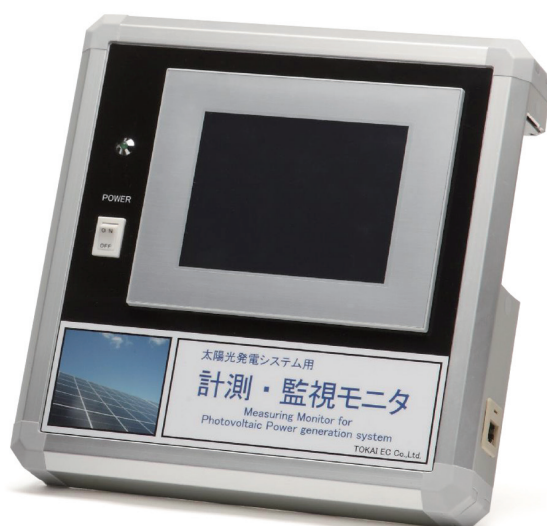
Streaming Video Provider



Linux Data Logger



Solar Monitoring System



4 Channel Edge Node



Active RFID Tag Reader • Trigger



Hands-free type



Touch type

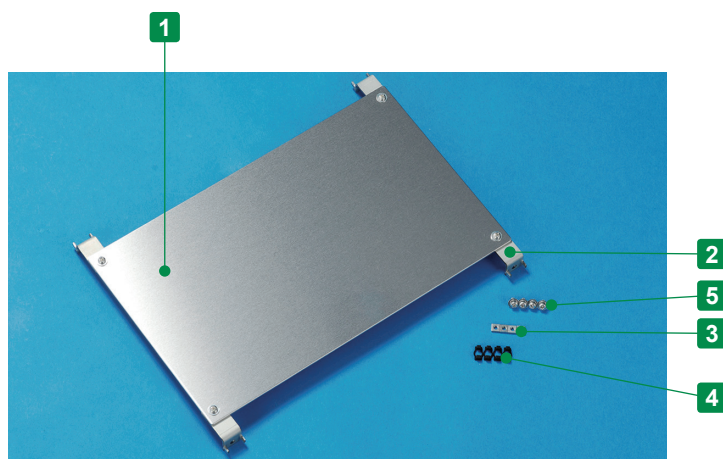


Compact Solar Power Supply

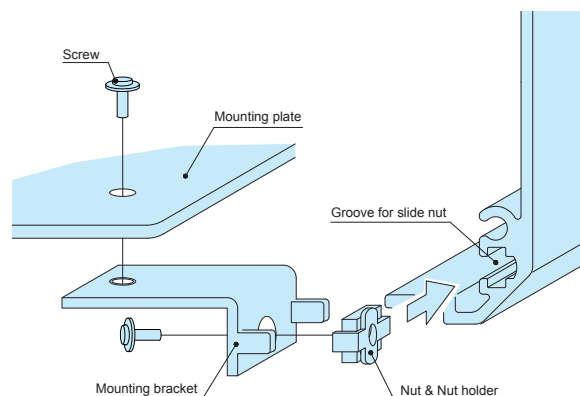


FCSC SERIES

CUSTOM SIZED ALUMINIUM MOUNTING PLATE for FCS • FCWS



- Custom sized mounting plate can be made for FCS • FCWS custom sized box.
- Mounting bracket is selectable in 2 types: [1] H = 12mm, or [2] H = 22mm.
- Not suitable for FCS□-□-38 or FCWS□-□-38 models. (H = 37.9mm)
- Use 22mm height type when used in the FCWS series, open/close panel side.



How to assemble

- ① Slide a M3 Nut and Nut holder into the groove on the FCS • FCWS frame.
- ② Screw the mounting bracket into the nut holder.
- ③ Screw the mounting plate onto the mounting bracket.

Components

No.	Part name	Material	Color / Finish
1	Mounting plate	Aluminium A1050P	Unfinished
2	Mounting bracket	Steel SECC	Zinc coated
3	M3 Nut	Steel SPCC	Trivalent chromate
4	Nut holder	POM	Black
5	Screw	Steel M3-6	Trivalent chromate

Select Bracket Height

Code	1	2
Height		

Confirm Product No. Specify box dimensions and bracket height.

Product no. FCSC - -

Box W dimension Box D dimension Bracket height (1 or 2)

Example : Box W dimension = 450 mm, Box D dimension = 200 mm and Mounting Bracket type [1] H = 12mm.

FCSC - -

Lead time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 10 pcs)
8 business days (1 ~ 10 pcs)

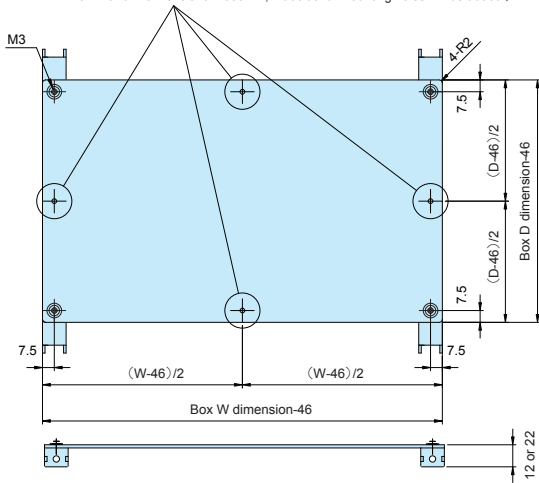
Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

FCSC dimensions

Available dimensions range : $W = 75 \sim 600\text{mm} \times D = 75 \sim 600\text{mm}$

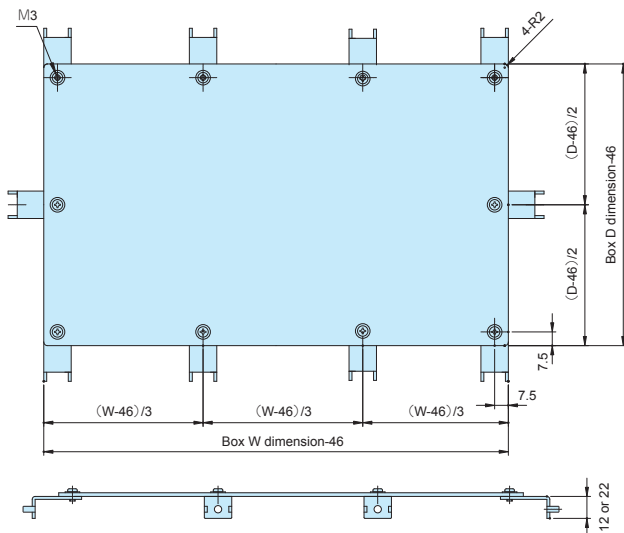
※Caution For W and D dimensions larger than 300mm, 2 additional mounting holes will be added.
For W and D dimensions = 600mm, 4 additional mounting holes will be added.)



Box W dimension	Box D dimension	Number of holes
75~399mm	75~399mm	4
75~399mm	400~600mm	6
400~600mm	75~399mm	6
400~600mm	400~600mm	8

Included screws: M3-6 pan head trivalent chromate with flat washer x 8 or x 16 pcs

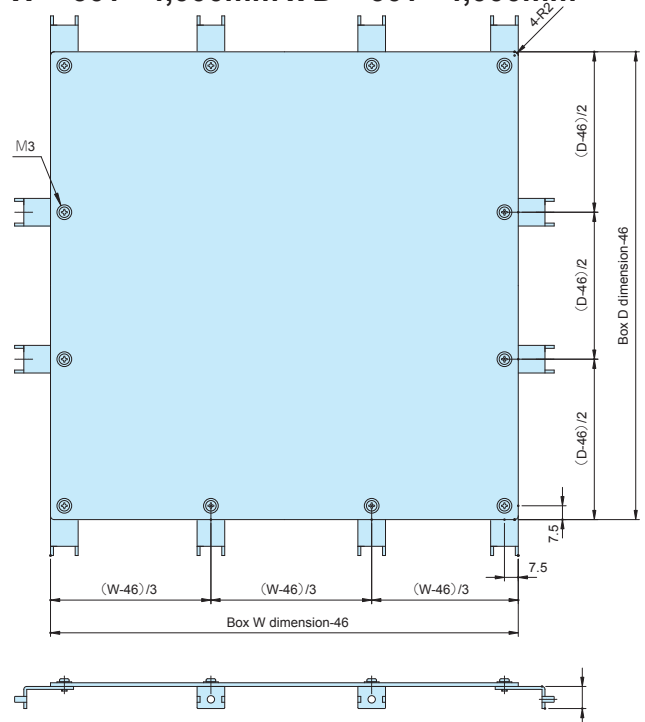
For W and D dimensions :
 $W = 400 \sim 600\text{mm} \times D = 601 \sim 1,000\text{mm}$



Included screws: M3-6 pan head trivalent chromate with flat washer x 20 pcs

Box W dimension	Box D dimension	Number of holes
601~1000mm	400~ 600mm	10
400~ 600mm	601~1000mm	10

For W and D dimensions :
 $W = 601 \sim 1,000\text{mm} \times D = 601 \sim 1,000\text{mm}$

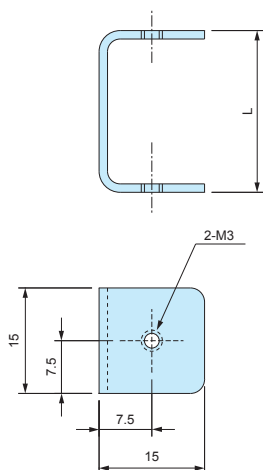


Included screws: M3-6 pan head trivalent chromate with flat washer x 24 pcs

Box W dimension	Box D dimension	Number of holes
601~1000mm	601~1000mm	12

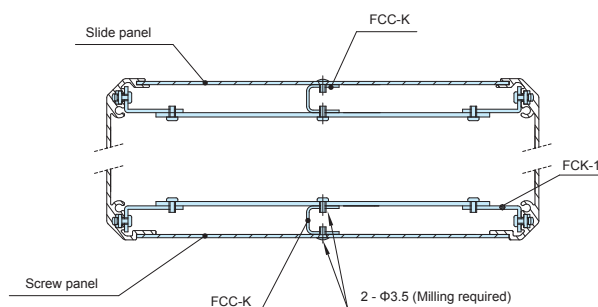
FCC-K SERIES

MOUNTING PLATE REINFORCING BRACKET



- Recommended to be used when a heavy load is attached onto the mounting plate.
- Requires 2 - $\Phi 3.5$ hole milling on the mounting plate for installation.
- Can be freely installed based on your requirements.
- Not suitable for FCS□-□-38 or FCWS□-□-38 models. (H = 37.9mm)
- Use FCC-K-1 for the mounting plate with FCK-1 brackets and use FCC-K-2 for the mounting plate with FCK-2 brackets.

INSTALLATION EXAMPLE



Product no. / Dimensions

Product no.	L	Matching bracket	Pack of
FCC-K-1	13	FCK-1	2
FCC-K-2	23	FCK-2	2

Included screws : M3-6 pan head trivalent chromate with flat washer x 2 pcs

M3-5 slotted raised countersunk nickel plated / black trivalent chromate x 2 pcs each

Accessories (Optional parts)

MR3-5Z SERIES

SLOTTED RAISED COUNTERSUNK TORX SCREW



- For use with panels.
- Recommended for aesthetic purposes, or for resistance against tampering.
- Requires the use of a specialized screwdriver.

Product no. / Dimensions

Product no.	M	L	TORX head no.	Material	Color / Finish	Pack of
MR3-5ZS	3	5	T10	Steel	Nickel plated	20
MR3-5ZB	3	5	T10	Steel	Black trivalent chromate	20