

Serie AW Aluminium-Gehäuse mit Wandbefestigung IP67

Series AW aluminium enclosure with wall mounting flange IP67



Technische Daten

Schutzklasse: IP67
Temperaturbereich:
-40°C ~ +105°C
Empfohlenes Drehmoment:
1.0N • m (10kgf • cm)

Technical Data

Protection class: IP67
Operating temperature:
-40°C ~ +105°C
Recommended torque:
1.0N • m (10kgf • cm)

- Wasserdichtes IP-67-Aluminiumgehäuse mit Kühlrippen und Befestigungsflansch.
- Integrierte Nuten dienen als Führung für Leiterplatten oder Montageplatten.
- Speziell konzipiert für raue Umgebungen und große Temperaturbereiche.
- Geeignet für Outdoor-Anwendungen oder als Netzteilgehäuse.
- IP67 and heat dissipation enclosure. Designed with flanged end panels.
- PCB or chassis is mounted by sliding it horizontally into an inner-grooved body frame.
- Designed for a tough environment where waterproof and heat countermeasures are required.
- Suitable for outdoor use such as LED power supply and junction boxes.

N Version Einzelteile

Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Deckel mit Flanschbefestigung	2	Aluminium-Druckguss	Metallisch-Grau • Schwarz pulverbeschichtet
2	Tubus	1	Aluminiumprofil	Silber • Schwarz eloxiert
3	Dichtung	2	Silikon	Schwarz
4	Schraube	8	Edelstahl	unbehandelt

Normal N type Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged end panel	2	Diecast aluminium ADC12	Metallic gray • Black / Powder coated
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Gasket	2	Silicone	Black
4	Screw	8	Stainless steel	Unfinished

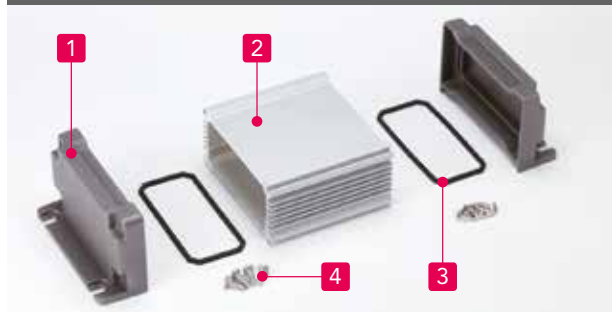
EMV geschützte Ausführung Typ E

Nr.	Part name	Pcs	Material	Color / Finish
1	Deckel mit Flanschbefestigung	2	Aluminium Druckguss	Silber • Schwarz / pulverbeschichtet
2	Tubus	1	Aluminium Profil	Silber • Schwarz eloxiert
3	leitfähige Dichtung	2	leitfähiges Silikon	Schwarz
4	Schraube	8	Edelstahl	unbehandelt

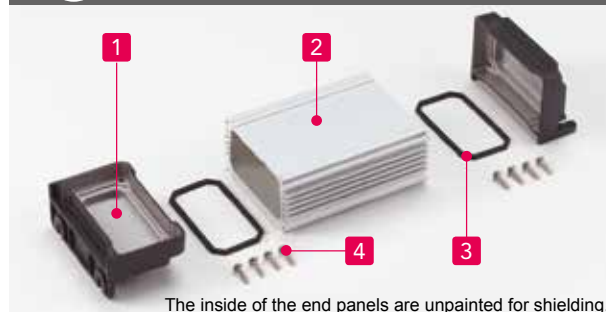
EMC Shielded E type Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged end panel	2	Diecast aluminium ADC12	Silver • Black / Painted (unfinished inside)
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Conductive gasket	2	Conductive silicone	Black
4	Screw	8	Stainless steel	Unfinished

Normal - N type



EMC Shielded - E type



Zubehör (Optional erhältlich)

Accessories (optional parts)



Montageplatte - Serie AWC
Mounting plate - AWC series



Innensechskantschraube - Serie HCS
Hexagon socket head screw
HCS series



Kabelverschraubungen
Cable gland



Protective vent - PMF Series

Normal / EMC Shielded • Color Code

Normal - N type



Metallic gray / Silver

N G S



Black / Silver

N B S



Black / Black

N B B

EMC Shielded - E type



Silver / Silver

E S S



Black / Silver

E B S



Black / Black

E B B

- ※ Thermal resistance test condition
 - Ambient air cooling
 - Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
 - Anodized aluminium extrusion
 - Heat source is applied on the opposite side (inner side) of the fins.

Bestellnummer / Maße Product no. / Dimensions

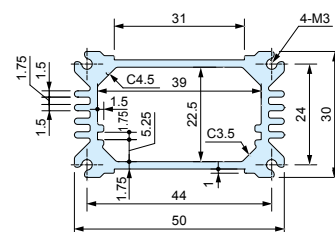
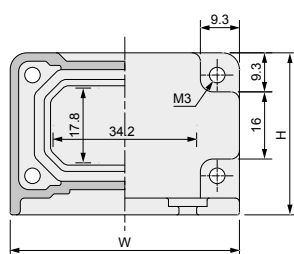
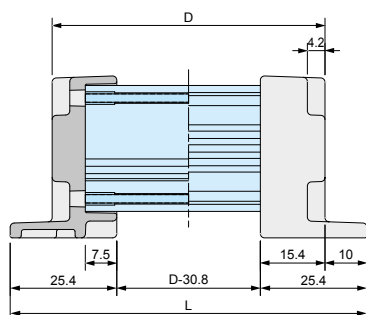
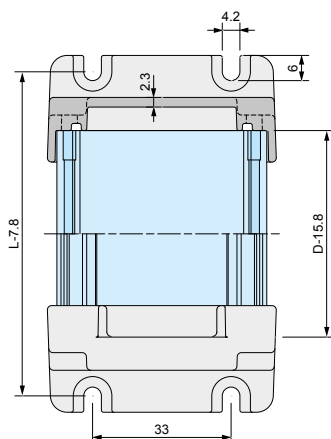
- Bitte ergänzen Sie den Farbcode am Ende der Bestell-Nr.
- Please suffix color code at the end of the product number.

Best-Nr. Product no.	W	H	D	※Wärmewiderstand (°C/W) ※Thermal resistance (°C/W)	Gewicht (g) Weight (g)
AW 5-4- 7□□□	54.6	38.6	65	11.2	128.5
AW 5-4- 9□□□	54.6	38.6	85	9.18	149
AW 5-4-11□□□	54.6	38.6	110	7.64	175
AW 5-4-14□□□	54.6	38.6	135	6.63	201.5
AW 7-7- 8□□□	65.8	70.8	80	4.41	294.5
AW 7-7-11□□□	65.8	70.8	110	3.5	350
AW 7-7-15□□□	65.8	70.8	150	2.83	424.5
AW 7-7-20□□□	65.8	70.8	200	2.33	517
AW 7-7-25□□□	65.8	70.8	250	2.02	610
AW 8-5- 9□□□	80.8	50.8	90	5.97	289.5
AW 8-5-12□□□	80.8	50.8	115	5.01	330.5
AW 8-5-14□□□	80.8	50.8	140	4.37	372
AW 8-5-18□□□	80.8	50.8	175	3.76	429.5
AW 9-9-10□□□	86.3	92	100	3.1	560.5
AW 9-9-13□□□	86.3	92	125	2.63	633.5
AW 9-9-17□□□	86.3	92	170	2.12	764.5
AW 9-9-22□□□	86.3	92	220	1.79	910.5
AW 9-9-28□□□	86.3	92	275	1.54	1,071
AW11-6-11□□□	106.3	62	110	4.52	526.5
AW11-6-15□□□	106.3	62	150	3.62	625
AW11-6-19□□□	106.3	62	190	3.08	723.5
AW11-6-24□□□	106.3	62	240	2.64	847
AW12-8-11□□□	120	77	105	3.6	614.5
AW12-8-14□□□	120	77	140	2.93	720.5
AW12-8-17□□□	120	77	179.5	2.47	840
AW12-8-22□□□	120	77	215	2.18	947.5
AW16-9-14□□□	156.3	87	135	2.64	945.5
AW16-9-18□□□	156.3	87	175	2.2	1,092.5
AW16-9-23□□□	156.3	87	225	1.86	1,275.5
AW16-9-28□□□	156.3	87	275	1.63	1,459
AW21-9-17□□□	206.3	87	170	2.3	1,303
AW21-9-21□□□	206.3	87	210	1.99	1,473.5
AW21-9-26□□□	206.3	87	260	1.72	1,686.5
AW21-9-31□□□	206.3	87	310	1.54	1,899.5

AW Dimensionen

AW dimensions

AW5-4-□

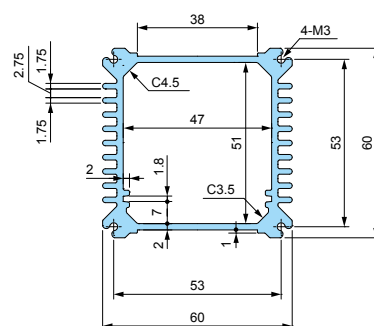
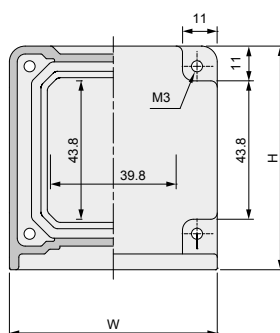
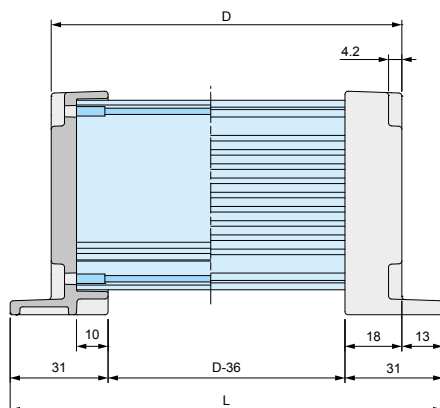
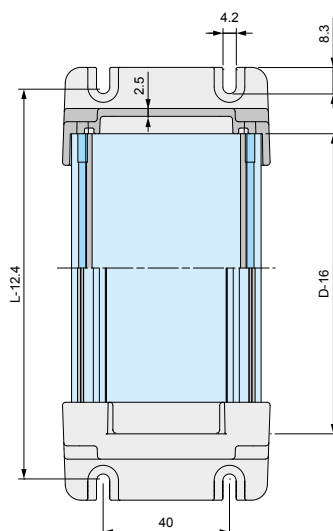


Best-Nr.	W	H	D (Profil Länge)	L (Gesamt Länge)
Product no.			D (Body length)	L (Overall length)
AW5-4- 7	54.6	38.6	65	85
AW5-4- 9	54.6	38.6	85	105
AW5-4-11	54.6	38.6	110	130
AW5-4-14	54.6	38.6	135	155

■ Profillänge = D - 15.8

■ Body frame length = D - 15.8

AW7-7-□



Best-Nr.	W	H	D (Profil Länge)	L (Gesamt Länge)
Product no.			D (Body length)	L (Overall length)
AW7-7- 8	65.8	70.8	80	106
AW7-7-11	65.8	70.8	110	136
AW7-7-15	65.8	70.8	150	176
AW7-7-20	65.8	70.8	200	226
AW7-7-25	65.8	70.8	250	276

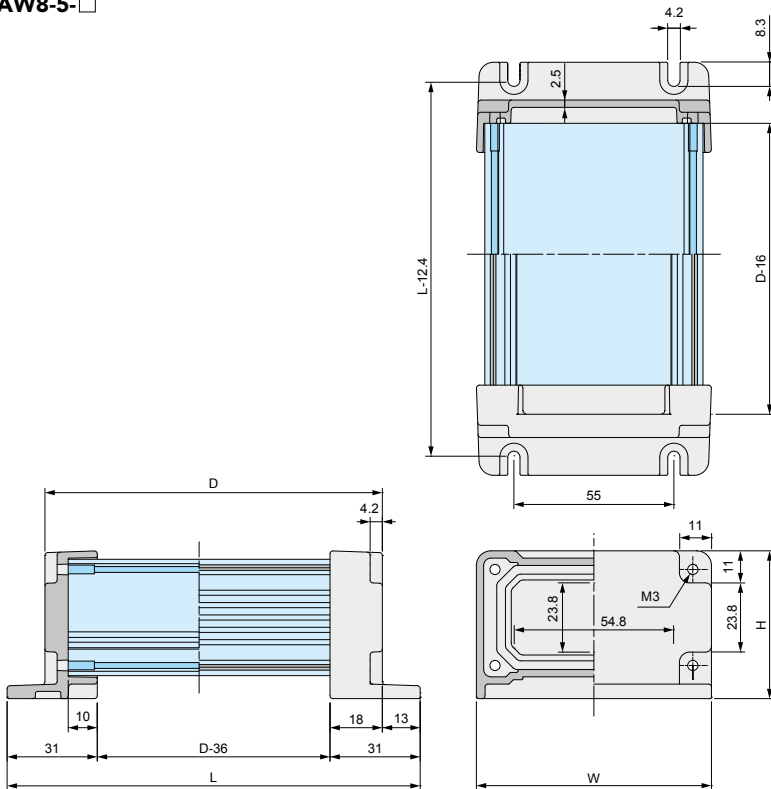
■ Profillänge = D - 16

■ Body frame length = D - 16

AW Dimensionen

AW dimensions

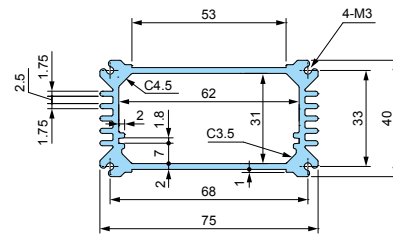
AW8-5-□



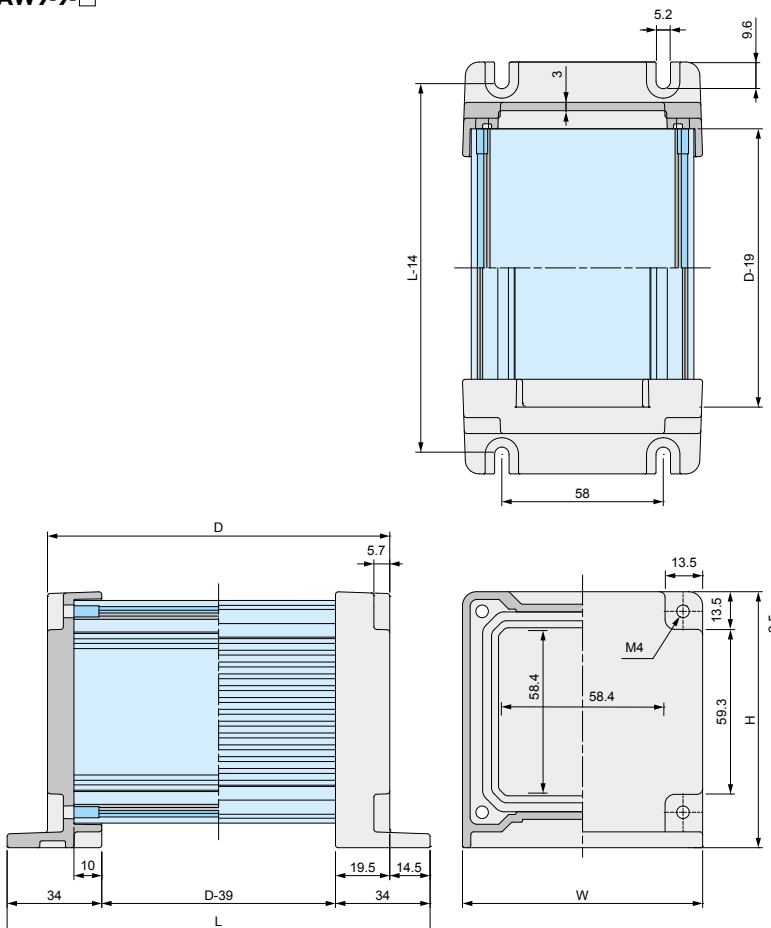
Best-Nr.	W	H	D (Profil Länge)	L (Gesamt Länge)
Product no.			D (Body length)	L (Overall length)
AW8-5- 9	80.8	50.8	90	116
AW8-5-12	80.8	50.8	115	141
AW8-5-14	80.8	50.8	140	166
AW8-5-18	80.8	50.8	175	201

■ Profillänge = D - 16

■ Body frame length = D - 16



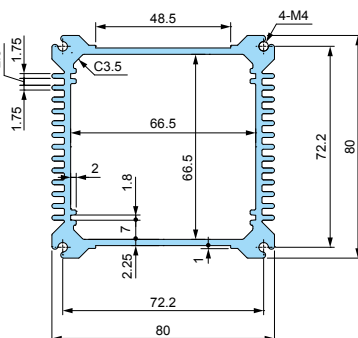
AW9-9-□



Best-Nr.	W	H	D (Profil Länge)	L (Gesamt Länge)
Product no.			D (Body length)	L (Overall length)
AW9-9-10	86.3	92	100	129
AW9-9-13	86.3	92	125	154
AW9-9-17	86.3	92	170	199
AW9-9-22	86.3	92	220	249
AW9-9-28	86.3	92	275	304

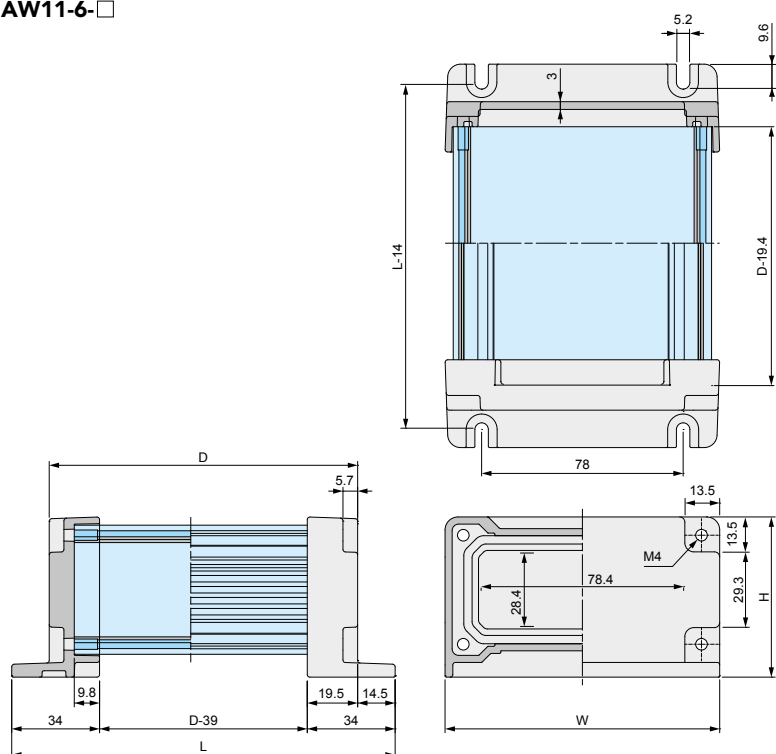
■ Profillänge = D - 19

■ Body frame length = D - 19



AW dimensions

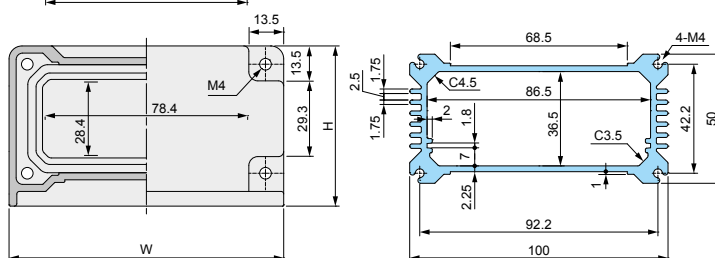
AW11-6-☐



Best-Nr.	W	H	D (Profil Länge)	L (Gesamt Länge)
Product no.			D (Body length)	L (Overall length)
AW11-6-11	106.3	62	110	139
AW11-6-15	106.3	62	150	179
AW11-6-19	106.3	62	190	219
AW11-6-24	106.3	62	240	269

- Profillänge = $D - 19.4$

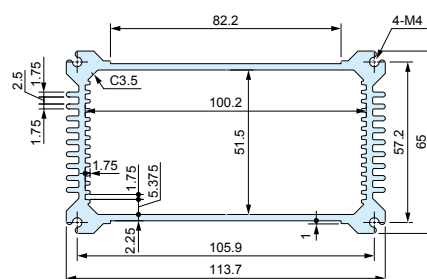
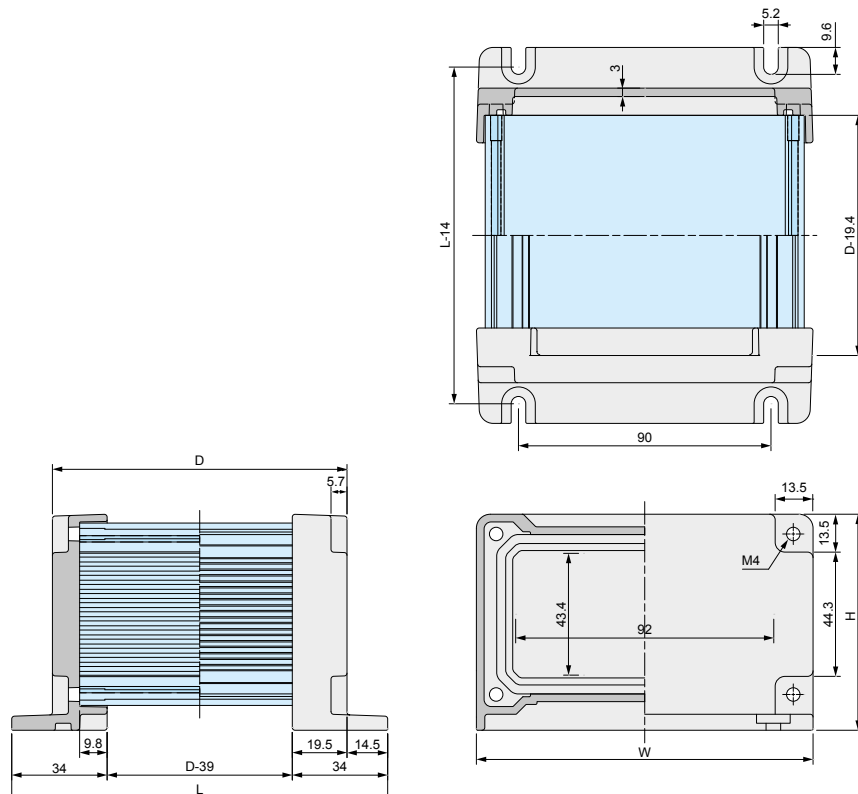
- Body frame length = $D - 19.4$



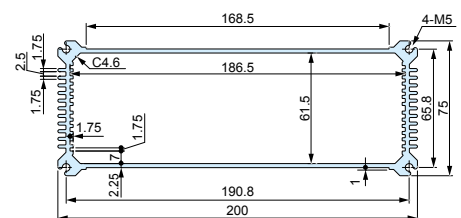
AW12-8-☐

Best-Nr.	W	H	D (Profillänge)	L (Gesamtlänge)
Product no.			D (Body length)	L (Overall length)
AW12-8-11	120	77	105	134
AW12-8-14	120	77	140	169
AW12-8-17	120	77	179.5	208.5
AW12-8-22	120	77	215	244

■ Profillänge = D - 19.4 - ■ Body frame length = D - 19.4

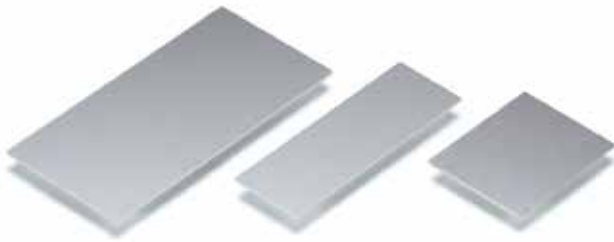


AW dimensions



Serie AWC Montageplatte aus Aluminium

Series AWC Aluminium Mounting Plate



- Material: Aluminium A1050P t=1.5 / silber eloxiert.
- Montageplatte für Serien AW, AWN, und AWP.
- Geeignet für Montage von Leiterplatten, Netzteilen uvm.

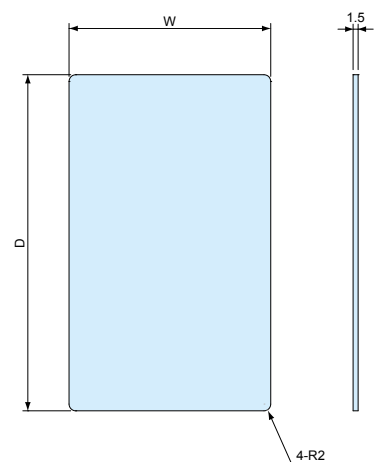
APPLICATION EXAMPLE



- Material: Aluminium A1050P t=1.5 / silver anodized
- Mounting plate for AW, AWN, and AWP series enclosures.
- Utilize for mounting PCB, power supply, terminal blocks, etc.

Best-Nr. / Maße - Product no. / Dimensions

Best-Nr. - Product no.	W	D	Passendes Gehäuse - Suitable enclosure
AWC 5- 7	38.9	49.2	AW • AWN 5-4-7
AWC 5- 9	38.9	69.2	AW • AWN 5-4-9
AWC 5-11	38.9	94.2	AW • AWN 5-4-11
AWC 5-14	38.9	119.2	AW • AWN 5-4-14
AWC 7- 8	47	64	AW • AWN • AWP 7-7-8
AWC 7-11	47	94	AW • AWN • AWP 7-7-11
AWC 7-15	47	134	AW • AWN • AWP 7-7-15
AWC 7-20	47	184	AW • AWN • AWP 7-7-20
AWC 7-25	47	234	AW • AWN • AWP 7-7-25
AWC 8- 9	61.8	74	AW • AWN • AWP 8-5-9
AWC 8-12	61.8	99	AW • AWN • AWP 8-5-12
AWC 8-14	61.8	124	AW • AWN • AWP 8-5-14
AWC 8-18	61.8	159	AW • AWN • AWP 8-5-18
AWC 9-10	66.5	81	AW • AWN • AWP 9-9-10
AWC 9-13	66.5	106	AW • AWN • AWP 9-9-13
AWC 9-17	66.5	151	AW • AWN • AWP 9-9-17
AWC 9-22	66.5	201	AW • AWN • AWP 9-9-22
AWC 9-28	66.5	256	AW • AWN • AWP 9-9-28
AWC11-11	86.5	90.6	AW • AWN • AWP11-6-11
AWC11-15	86.5	130.6	AW • AWN • AWP11-6-15
AWC11-19	86.5	170.6	AW • AWN • AWP11-6-19
AWC11-24	86.5	220.6	AW • AWN • AWP11-6-24
AWC12-11	100.2	85.6	AW • AWN • AWP12-8-11
AWC12-14	100.2	120.6	AW • AWN • AWP12-8-14
AWC12-17	100.2	160.1	AW • AWN • AWP12-8-17
AWC12-22	100.2	195.6	AW • AWN • AWP12-8-22
AWC16-14	136.3	115.6	AW • AWN • AWP16-9-14
AWC16-18	136.3	155.6	AW • AWN • AWP16-9-18
AWC16-23	136.3	205.6	AW • AWN • AWP16-9-23
AWC16-28	136.3	255.6	AW • AWN • AWP16-9-28
AWC21-17	186.1	147.8	AW • AWN • AWP21-9-17
AWC21-21	186.1	187.8	AW • AWN • AWP21-9-21
AWC21-26	186.1	237.8	AW • AWN • AWP21-9-26
AWC21-31	186.1	287.8	AW • AWN • AWP21-9-31



Serie HCS Innensechskantschraube

Series HCS Hexagon Socket Head Screw

- Innensechskantschraube zur Befestigung der Deckelplatten.
- Manipulationssicher und schlichtes Design.
- Hexagon socket head screws for fastening the end panels of AW and AWN enclosures.
- Utilize for tamper-resistance functionality or for an elegant sleek look.



Best-Nr. / Maße - Product no. / Dimensions

Best-Nr. Product no.	M	L	S	Material	VPE Pack of
HCS3-12S	3	12	2.5	Edelstahl	8
HCS3-12S	3	12	2.5	Stainless steel	8
HCS4-12S	4	12	3	Edelstahl	8
HCS4-12S	4	12	3	Stainless steel	8
HCS5-12S	5	12	4	Edelstahl	8
HCS5-12S	5	12	4	Stainless steel	8