

Serie EXPT Aluminium Gehäuse mit Schutzecken und Aufstellfuß



EXPT Series Aluminium panel case with tilt leg



- Aluminium Gehäuse mit Aufstellfuß für Messgeräte o. ä. Anwendungen.
- Verfügbar in 30 versch.Größen und 16 versch. Farbkombinationen.
- Aluminium enclosure with tilt leg for measurement instrument use.
- Available in 30 different sizes and 16 different color combinations.

Einzelteile

Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Frontplatte	2	Aluminium A1100P	silber / eloxiert • schwarz / lackiert
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert mit Klarlack
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert mit Klarlack
4	Rahmen	2	PC+ABS schwer entflammbar	schwarz • grau indigo • navy • lime • gelb • orange • rot / lackiert
5	Schutzecke	8	Silikon	dunkelgrau • schwarz
6	Schraube (Hexagonal)	8	Edelstahl	unbehandelt
7	Aufstellfuß	1 Satz	PC+ABS UL94V-0, TPE	schwarz & schwarz • navy & grau • lichtgrau & grau

Components

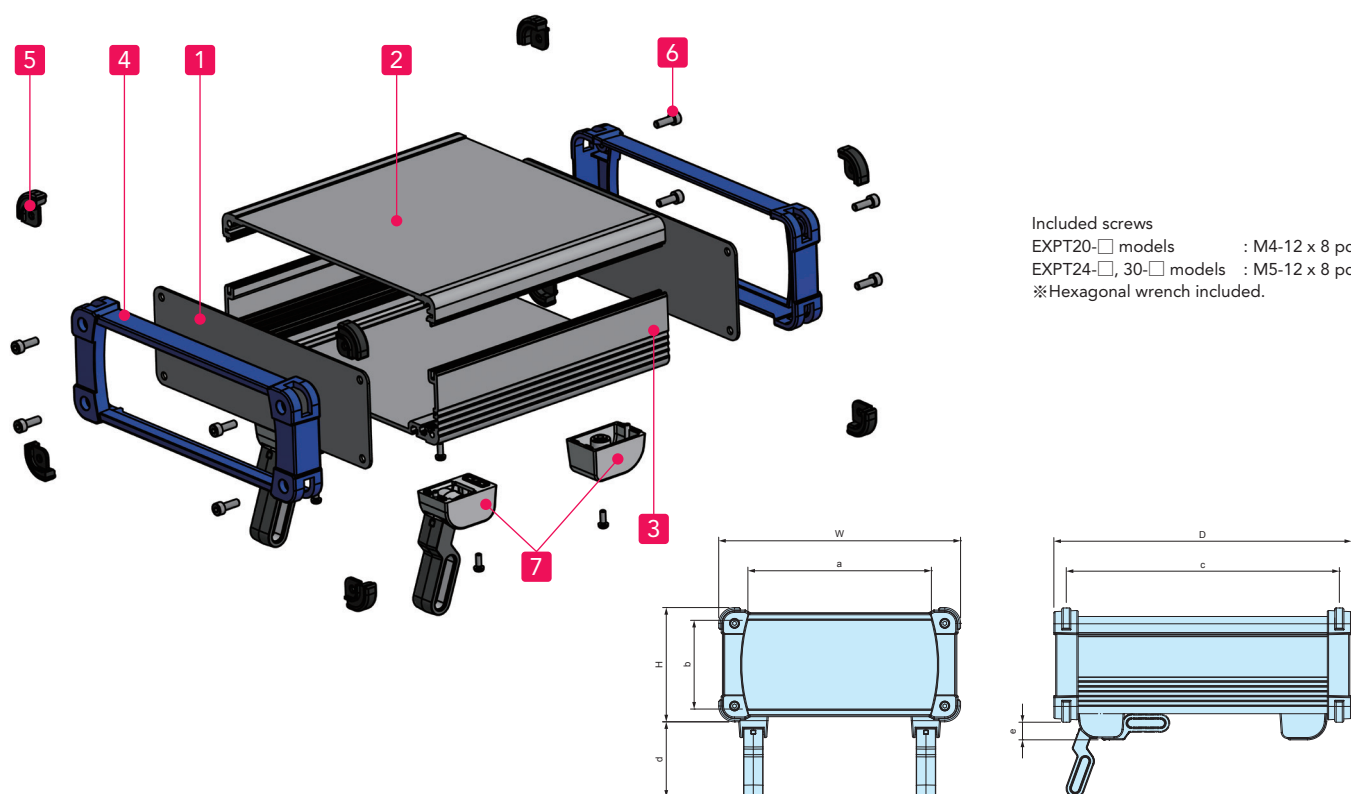
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Exterior frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Dark gray • Black
6	Screw (Hexagonal)	8	Stainless steel	Unfinished
7	Tilt leg	1 set	PC+ABS UL94V-0, TPE	Black & Black • Navy & Gray • Light gray & Gray

Farbcode - Color Type

Code	[S][B] Silver / Black	[S][G] Silver / Gray	[S][I] Silver / Indigo	[S][N] Silver / Navy
Farbe Color				
Code	[S][L] Silver / Lime	[S][Y] Silver / Yellow	[S][O] Silver / Orange	[S][R] Silver / Red
Farbe Color				
Code	[B][B] Black / Black	[B][G] Black / Gray	[B][I] Black / Indigo	[B][N] Black / Navy
Farbe Color				
Code	[B][L] Black / Lime	[B][Y] Black / Yellow	[B][O] Black / Orange	[B][R] Black / Red
Farbe Color				

EXPT Maße

EXPT dimensions



Included screws
 EXPT20-□ models : M4-12 x 8 pcs
 EXPT24-□, 30-□ models : M5-12 x 8 pcs
 ※Hexagonal wrench included.

Best-Nr. / 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.	External dimensions			Internal dimensions				
	W	H	D	a	b	c	d	e
EXPT20- 6-19□□	199	56	192	131	35	172	14.5	62
EXPT20- 6-25□□	199	56	245	131	35	225	14.5	62
EXPT20- 6-30□□	199	56	300	131	35	280	14.5	62
EXPT20- 7-19□□	199	74	192	131	53	172	14.5	62
EXPT20- 7-25□□	199	74	245	131	53	225	14.5	62
EXPT20- 7-30□□	199	74	300	131	53	280	14.5	62
EXPT20- 9-19□□	199	94	192	131	73	172	14.5	62
EXPT20- 9-25□□	199	94	245	131	73	225	14.5	62
EXPT20- 9-30□□	199	94	300	131	73	280	14.5	62
EXPT20-12-19□□	199	119	192	131	98	172	14.5	62
EXPT20-12-25□□	199	119	245	131	98	225	14.5	62
EXPT20-12-30□□	199	119	300	131	98	280	14.5	62
EXPT24- 6-17□□	244	64	170	176	43	147	14.5	62
EXPT24- 6-23□□	244	64	230	176	43	207	14.5	62
EXPT24- 6-29□□	244	64	290	176	43	267	14.5	62
EXPT24- 6-35□□	244	64	350	176	43	327	14.5	62
EXPT24- 9-17□□	244	89	170	176	68	147	14.5	62
EXPT24- 9-23□□	244	89	230	176	68	207	14.5	62
EXPT24- 9-29□□	244	89	290	176	68	267	14.5	62
EXPT24- 9-35□□	244	89	350	176	68	327	14.5	62
EXPT24-11-17□□	244	114	170	176	93	147	14.5	62
EXPT24-11-23□□	244	114	230	176	93	207	14.5	62
EXPT24-11-29□□	244	114	290	176	93	267	14.5	62
EXPT24-11-35□□	244	114	350	176	93	327	14.5	62
EXPT30- 9-25□□	300	90	250	230	68	228	14	61.5
EXPT30- 9-32□□	300	90	320	230	68	298	14	61.5
EXPT30- 9-40□□	300	90	400	230	68	378	14	61.5
EXPT30-14-25□□	300	140	250	230	118	228	14	61.5
EXPT30-14-32□□	300	140	320	230	118	298	14	61.5
EXPT30-14-40□□	300	140	400	230	118	378	14	61.5

■ Sonderlängen möglich. ■ Custom length is available.



Serie EXP

Aluminiumgehäuse mit Schutzecken



EXP Series

Aluminium panel case with corner guard

- Die Schutzecken haben ein schönes Design und dienen als Fallschutz.
- Verfügbar in 73 verschiedenen Standardgrößen und 16 versch. Farbkombinationen.
- Sondergrößen realisierbar.

- Corner guards are designed to be both aesthetically pleasing and impact resistant.
- Available in 73 different sizes and 16 different color combinations.
- Custom length is available.

Best-Nr. / Maße

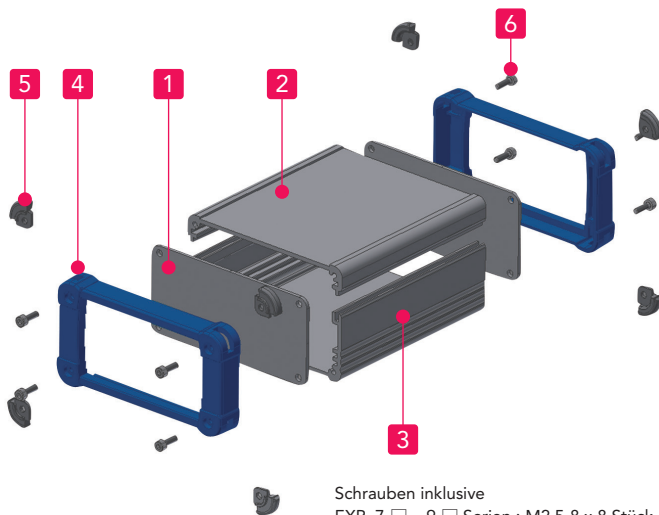
Nr.	Best-Nr.	Stück	Material	Farbe / Oberfläche
1	Frontplatten	2	Aluminium A1100 t=1.5	silber • schwarz / eloxiert
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
4	Rahmen	2	Polycarbonat-ABS UL94V-0	schwarz • grau / unlackiert indigo • navy • limette • gelb • orange • rot / lackiert
5	Schutzecke	8	Silikon	schwarz • dunkelgrau
6	Schraube	8	Edelstahl	unbehandelt

Product no. / Dimensions

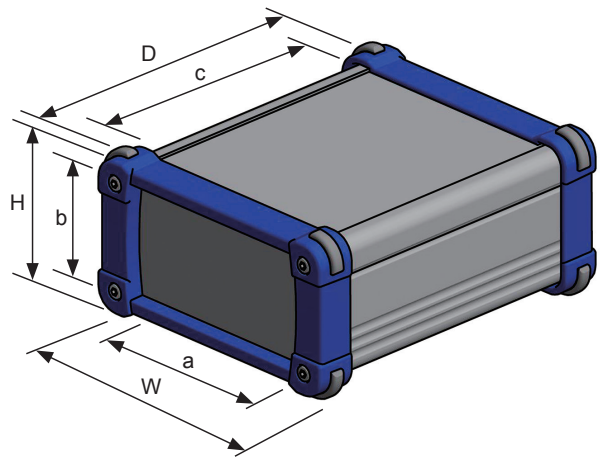
No.	Product no.	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100 t=1.5	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
4	Exterior frame	2	Polycarbonate-ABS UL94V-0	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Black • Dark gray
6	Screw	8	Stainless steel	Unfinished

Farbvarianten - Color Types

Farbcode Color code	S B silber / schwarz S B Silver / Black	S G silber / grau S G Silver / Gray	S I silber / indigo S I Silver / Indigo	S N silber / navy S N Silver / Navy
Farbe Color				
Farbcode Color code	S L silber / limette S L Silver / Lime	S Y silber / gelb S Y Silver / Yellow	S O silber / orange S O Silver / Orange	S R silber / rot S R Silver / Red
Farbe Color				
Farbcode Color code	B B schwarz / schwarz B B Black / Black	B G schwarz / grau B G Black / Gray	B I schwarz / indigo B I Black / Indigo	B N schwarz / navy B N Black / Navy
Farbe Color				
Farbcode Color code	B L schwarz / limette B L Black / Lime	B Y schwarz / gelb B Y Black / Yellow	B O schwarz / orange B O Black / Orange	B R schwarz / rot B R Black / Red
Farbe Color				



Schrauben inklusive
 EXP 7-□, 9-□ Serien : M2.5-8 x 8 Stück
 EXP12-□, 15-□ Serien : M3-10 x 8 Stück
 EXP20-□ Serien : M4-12 x 8 Stück
 EXP24-□ Serien : M5-12 x 8 Stück
 ※Sechskantschlüssel inbegriffen.



Included screws
 EXP 7-□, 9-□ models : M2.5-8 x 8 pcs
 EXP12-□, 15-□ models : M3-10 x 8 pcs
 EXP20-□ models : M4-12 x 8 pcs
 EXP24-□ models : M5-12 x 8 pcs
 ※Hexagonal wrench included.

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

Best-Nr. Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXP 7- 3- 6□□	69	34	60	46	19.6	46
EXP 7- 3- 9□□	69	34	87	46	19.6	73
EXP 7- 3-11□□	69	34	110	46	19.6	96
EXP 7- 4- 6□□	69	44	60	46	29.6	46
EXP 7- 4- 9□□	69	44	87	46	29.6	73
EXP 7- 4-11□□	69	44	110	46	29.6	96
EXP 7- 6- 6□□	69	59	60	46	44.6	46
EXP 7- 6- 9□□	69	59	87	46	44.6	73
EXP 7- 6-11□□	69	59	110	46	44.6	96
EXP 9- 4- 7□□	89	39	70	66	24.6	56
EXP 9- 4-10□□	89	39	100	66	24.6	86
EXP 9- 4-13□□	89	39	130	66	24.6	116
EXP 9- 5- 7□□	89	49	70	66	34.6	56
EXP 9- 5-10□□	89	49	100	66	34.6	86
EXP 9- 5-13□□	89	49	130	66	34.6	116
EXP 9- 6- 7□□	89	64	70	66	49.6	56
EXP 9- 6-10□□	89	64	100	66	49.6	86
EXP 9- 6-13□□	89	64	130	66	49.6	116
EXP12- 4- 9□□	116	41	90	88	24	74
EXP12- 4-13□□	116	41	130	88	24	114
EXP12- 4-18□□	116	41	176	88	24	160
EXP12- 6- 9□□	116	56	90	88	39	74
EXP12- 6-13□□	116	56	130	88	39	114
EXP12- 6-18□□	116	56	176	88	39	160
EXP12- 7- 9□□	116	71	90	88	54	74
EXP12- 7-13□□	116	71	130	88	54	114
EXP12- 7-18□□	116	71	176	88	54	160
EXP15- 5-11□□	151	46	110	106.8	29	93
EXP15- 5-15□□	151	46	150	106.8	29	133
EXP15- 5-20□□	151	46	200	106.8	29	183
EXP15- 6-11□□	151	61	110	106.8	44	93
EXP15- 6-15□□	151	61	150	106.8	44	133
EXP15- 6-20□□	151	61	200	106.8	44	183
EXP15- 8-11□□	151	81	110	106.8	64	93
EXP15- 8-15□□	151	81	150	106.8	64	133
EXP15- 8-20□□	151	81	200	106.8	64	183
EXP15-10-11□□	151	101	110	106.8	84	93
EXP15-10-15□□	151	101	150	106.8	84	133
EXP15-10-20□□	151	101	200	106.8	84	183

■ Sonderlängen möglich. ■ Custom length is available.

■ Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.
 ■ Please suffix color code at the end of the product number.

Best-Nr. Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXP20- 6-14□□	199	56	140	131	35	120
EXP20- 6-19□□	199	56	192	131	35	172
EXP20- 6-25□□	199	56	245	131	35	225
EXP20- 6-30□□	199	56	300	131	35	280
EXP20- 7-14□□	199	74	140	131	53	120
EXP20- 7-19□□	199	74	192	131	53	172
EXP20- 7-25□□	199	74	245	131	53	225
EXP20- 7-30□□	199	74	300	131	53	280
EXP20- 9-14□□	199	94	140	131	73	120
EXP20- 9-19□□	199	94	192	131	73	172
EXP20- 9-25□□	199	94	245	131	73	225
EXP20- 9-30□□	199	94	300	131	73	280
EXP20-12-14□□	199	119	140	131	98	120
EXP20-12-19□□	199	119	192	131	98	172
EXP20-12-25□□	199	119	245	131	98	225
EXP20-12-30□□	199	119	300	131	98	280
EXP24- 6-17□□	244	64	170	176	43	147
EXP24- 6-23□□	244	64	230	176	43	207
EXP24- 6-29□□	244	64	290	176	43	267
EXP24- 6-35□□	244	64	350	176	43	327
EXP24- 9-17□□	244	89	170	176	68	147
EXP24- 9-23□□	244	89	230	176	68	207
EXP24- 9-29□□	244	89	290	176	68	267
EXP24- 9-35□□	244	89	350	176	68	327
EXP24-11-17□□	244	114	170	176	93	147
EXP24-11-23□□	244	114	230	176	93	207
EXP24-11-29□□	244	114	290	176	93	267
EXP24-11-35□□	244	114	350	176	93	327
NEW EXP30- 9-25□□	300	90	250	230	68	228
NEW EXP30- 9-32□□	300	90	320	230	68	298
NEW EXP30- 9-40□□	300	90	400	230	68	378
NEW EXP30-14-25□□	300	140	250	230	118	228
NEW EXP30-14-32□□	300	140	320	230	118	298
NEW EXP30-14-40□□	300	140	400	230	118	378



Technische Daten

Schutzklasse: IP40

Technical Data

Protection class: IP40

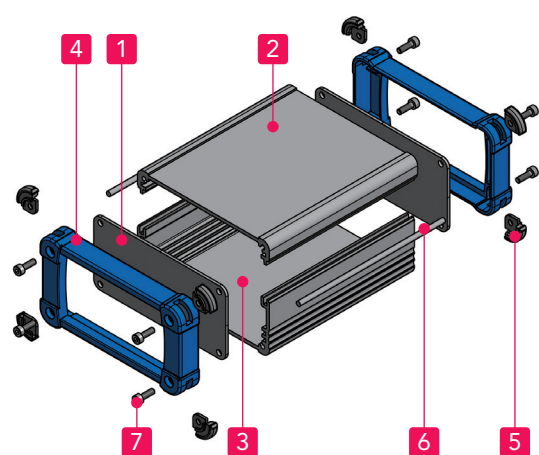


Serie EXPE

EMV-geschütztes Aluminiumgehäuse mit Schutzecken

EXPE Series

Aluminium EMC shield case with corner guard



- EMV – Schutz wird erreicht durch unbehandelte, leitfähige Oberflächen auf der Innenseite der Profile und leitfähige Dichtungen.
- Die Schutzecken haben ein schönes Design und dienen als Fallschutz.
- Verfügbar in 73 verschiedenen Standardgrößen und 8 unterschiedlichen Farbkombinationen.
- EMC shielding is achieved by having the unfinished inner sides of the top/ bottom covers and fabric-over-foam gaskets in contact with one another.
- Corner guards are designed to be both aesthetically pleasing and strong against impact.
- Available in 73 different sizes and 8 different color combinations.

Schrauben inklusive

EXPE 7-□, 9-□ Serien : M2.5-8 x 8 Stück
EXPE12-□, 15-□ Serien : M3-10 x 8 Stück
EXPE20-□ Serien : M4-12 x 8 Stück
EXPE24-□ Serien : M5-12 x 8 Stück
※Sechskantschlüssel inbegriffen.

Included screws

EXPE 7-□, 9-□ models : M2.5-8 x 8 pcs
EXPE12-□, 15-□ models : M3-10 x 8 pcs
EXPE20-□ models : M4-12 x 8 pcs
EXPE24-□ models : M5-12 x 8 pcs
※Hexagonal wrench included.

Einzelteile

Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Frontplatten	2	Aluminium A1100 t=1.5	silber (außen) : unbehandelt (innen)
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber (außen) : unbehandelt (innen)
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber (außen) : unbehandelt (innen)
4	Rahmen	2	Polycarbonat-ABS UL94V-0	schwarz • grau / unlackiert indigo • navy • limette • gelb • orange • rot / lackiert
5	Schutzecke	8	Silikon	schwarz • dunkelgrau
6	Leitfähige Schaumstoffdichtung	2	leitfähige TPE Dichtung	metallisch grau
7	Schraube	8	Edelstahl	unbehandelt

Components

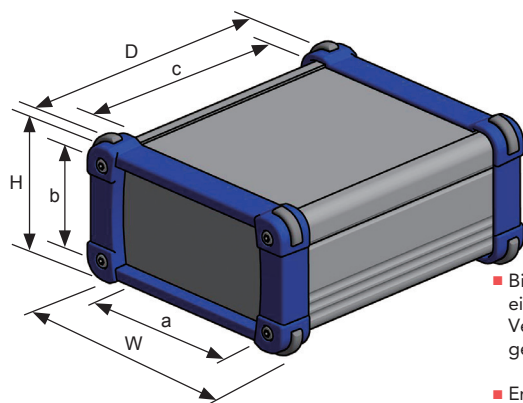
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100 t=1.5	Silver / Anodized (outside) : Unfinished (inside)
2	Top cover	1	Extruded aluminium A6063S-T5	Silver / Painted (outside) : Unfinished (inside)
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver / Painted (outside) : Unfinished (inside)
4	Exterior frame	2	Polycarbonate-ABS UL94V-0	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Black • Dark gray
6	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
7	Screw	8	Stainless steel	Unfinished

Farbvarianten Color Types

Schwarze und graue Rahmen sind ohne Farbzusatz; alle anderen Rahmen werden lackiert.
Black and gray exterior frames are unpainted; other colored exterior frames are painted.

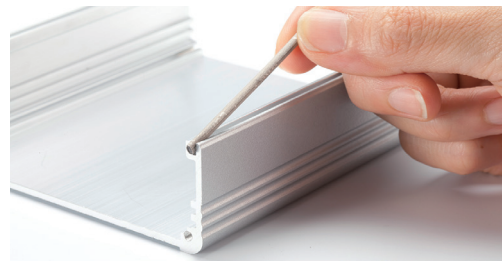
Farbcode Color code	S B silber / schwarz S B Silver / Black	S G silber / grau S G Silver / Gray	S I silber / indigo S I Silver / Indigo	S N silber / navy S N Silver / Navy
Farbe Color				
Farbcode Color code	S L silber / limette S L Silver / Lime	S Y silber / gelb S Y Silver / Yellow	S O silber / orange S O Silver / Orange	S R silber / rot S R Silver / Red
Farbe Color				

※c = Top / Bottom cover length.



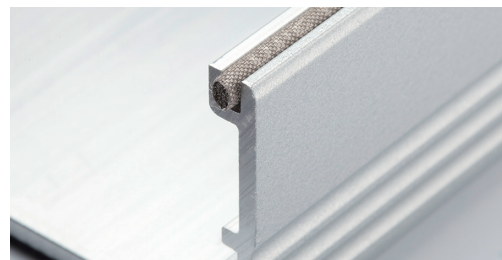
■ Bitte die Dichtungen von beiden Seiten in die Führungsnuten des Deckels einlegen.

■ Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.



■ Bitte sicherstellen, dass die Dichtung ein wenig übersteht, damit eine Verbindung zu den Deckelplatten gewährleistet ist.

■ Ensure that a small portion of the fabric-over-foam gasket protrudes out in order to maintain connections with the end panels.



■ Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.

■ Please suffix color code at the end of the product number.

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

Best-Nr. Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXPE 7- 3- 6□□	69	34	60	46	19.6	46
EXPE 7- 3- 9□□	69	34	87	46	19.6	73
EXPE 7- 3-11□□	69	34	110	46	19.6	96
EXPE 7- 4- 6□□	69	44	60	46	29.6	46
EXPE 7- 4- 9□□	69	44	87	46	29.6	73
EXPE 7- 4-11□□	69	44	110	46	29.6	96
EXPE 7- 6- 6□□	69	59	60	46	44.6	46
EXPE 7- 6- 9□□	69	59	87	46	44.6	73
EXPE 7- 6-11□□	69	59	110	46	44.6	96
EXPE 9- 4- 7□□	89	39	70	66	24.6	56
EXPE 9- 4-10□□	89	39	100	66	24.6	86
EXPE 9- 4-13□□	89	39	130	66	24.6	116
EXPE 9- 5- 7□□	89	49	70	66	34.6	56
EXPE 9- 5-10□□	89	49	100	66	34.6	86
EXPE 9- 5-13□□	89	49	130	66	34.6	116
EXPE 9- 6- 7□□	89	64	70	66	49.6	56
EXPE 9- 6-10□□	89	64	100	66	49.6	86
EXPE 9- 6-13□□	89	64	130	66	49.6	116
EXPE12- 4- 9□□	116	41	90	88	24	74
EXPE12- 4-13□□	116	41	130	88	24	114
EXPE12- 4-18□□	116	41	176	88	24	160
EXPE12- 6- 9□□	116	56	90	88	39	74
EXPE12- 6-13□□	116	56	130	88	39	114
EXPE12- 6-18□□	116	56	176	88	39	160
EXPE12- 7- 9□□	116	71	90	88	54	74
EXPE12- 7-13□□	116	71	130	88	54	114
EXPE12- 7-18□□	116	71	176	88	54	160
EXPE15- 5-11□□	151	46	110	106.8	29	93
EXPE15- 5-15□□	151	46	150	106.8	29	133
EXPE15- 5-20□□	151	46	200	106.8	29	183
EXPE15- 6-11□□	151	61	110	106.8	44	93
EXPE15- 6-15□□	151	61	150	106.8	44	133
EXPE15- 6-20□□	151	61	200	106.8	44	183
EXPE15- 8-11□□	151	81	110	106.8	64	93
EXPE15- 8-15□□	151	81	150	106.8	64	133
EXPE15- 8-20□□	151	81	200	106.8	64	183
EXPE15-10-11□□	151	101	110	106.8	84	93
EXPE15-10-15□□	151	101	150	106.8	84	133
EXPE15-10-20□□	151	101	200	106.8	84	183

■ Sonderlängen möglich. ■ Custom length is available.

Best-Nr. Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXPE20- 6-14□□	199	56	140	131	35	120
EXPE20- 6-19□□	199	56	192	131	35	172
EXPE20- 6-25□□	199	56	245	131	35	225
EXPE20- 6-30□□	199	56	300	131	35	280
EXPE20- 7-14□□	199	74	140	131	53	120
EXPE20- 7-19□□	199	74	192	131	53	172
EXPE20- 7-25□□	199	74	245	131	53	225
EXPE20- 7-30□□	199	74	300	131	53	280
EXPE20- 9-14□□	199	94	140	131	73	120
EXPE20- 9-19□□	199	94	192	131	73	172
EXPE20- 9-25□□	199	94	245	131	73	225
EXPE20- 9-30□□	199	94	300	131	73	280
EXPE20-12-14□□	199	119	140	131	98	120
EXPE20-12-19□□	199	119	192	131	98	172
EXPE20-12-25□□	199	119	245	131	98	225
EXPE20-12-30□□	199	119	300	131	98	280
EXPE24- 6-17□□	244	64	170	176	43	147
EXPE24- 6-23□□	244	64	230	176	43	207
EXPE24- 6-29□□	244	64	290	176	43	267
EXPE24- 6-35□□	244	64	350	176	43	327
EXPE24- 9-17□□	244	89	170	176	68	147
EXPE24- 9-23□□	244	89	230	176	68	207
EXPE24- 9-29□□	244	89	290	176	68	267
EXPE24- 9-35□□	244	89	350	176	68	327
EXPE24-11-17□□	244	114	170	176	93	147
EXPE24-11-23□□	244	114	230	176	93	207
EXPE24-11-29□□	244	114	290	176	93	267
EXPE24-11-35□□	244	114	350	176	93	327
NEW EXPE30- 9-25□□	300	90	250	230	68	228
NEW EXPE30- 9-32□□	300	90	320	230	68	298
NEW EXPE30- 9-40□□	300	90	400	230	68	378
NEW EXPE30-14-25□□	300	140	250	230	118	228
NEW EXPE30-14-32□□	300	140	320	230	118	298
NEW EXPE30-14-40□□	300	140	400	230	118	378



Following models are suitable for Mini-ITX board size.

EXPE20-7-19□□

EXPE20-9-19□□

EXPE20-12-19□□



Included screw
EXW7-□, 9-□ models : M2.5-8 x 8 pcs
EXW12-□, 15-□ models : M3-10 x 8 pcs
※ Hexagonal wrench included.

Schrauben inklusive
EXW7-□, 9-□ Serien : M2.5-8 x 8 Stück
EXW12-□, 15-□ Serien : M3-10 x 8 Stück
※ Sechskantschlüssel inbegriffen.

Technical Data

Protection class : IP65
■ Not suitable for environments with direct rainfall.

Technische Daten

Schutzklasse : IP65
■ Nicht geeignet für Anwendungsbereiche mit direktem Regeneinfall.

Serie EXW IP65 Aluminium Gehäuse mit Schutzecken

Series EXW IP65 Aluminium Case with Corner Guard

- Die Schutzklasse IP65 wird erreicht durch Dichtungen zwischen den Profalnuten und Frontplatten.
- Verfügbar in 39 verschiedenen Standardgrößen und 6 unterschiedlichen Farbkombinationen.
- Sonderlängen möglich.

- IP65 is made possible by the sealing of between top & bottom covers and end panels with gaskets.
- Available in 39 different sizes and 6 different color combinations by 2 body frame and 3 end panel colors.
- Custom length is available.

Einzelteile

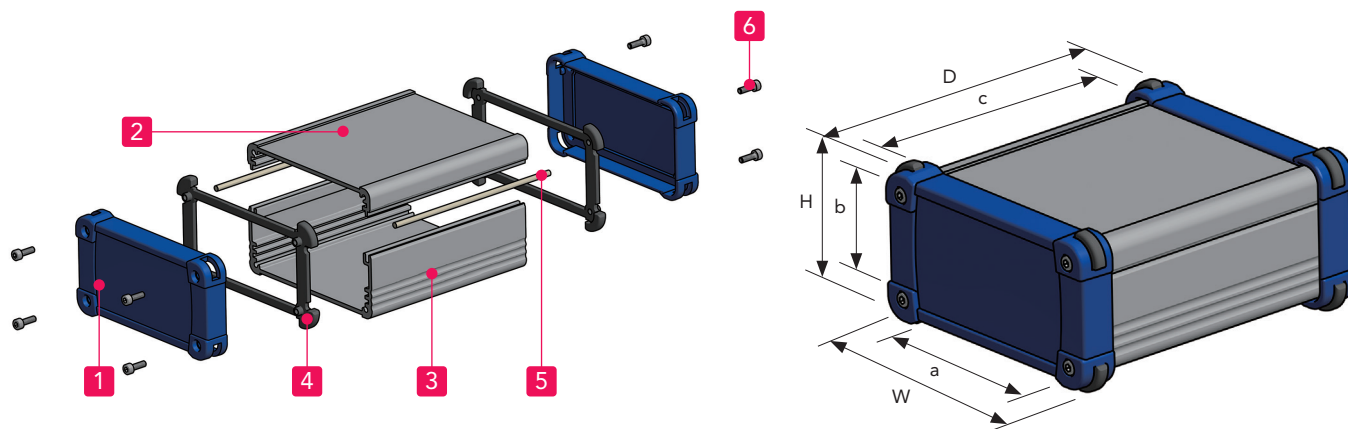
Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Frontplatten	2	PC+ABS UL94V-0	schwarz • grau / unlackiert navy / lackiert
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
4	Frontplattendichtung	2	Silikon	schwarz • dunkelgrau
5	Profildichtung	2	Silikon	hellgrau
6	Schraube	8	Edelstahl	unbehandelt

Components

No.	Part name	Pcs	Material	Color / Finish
1	End panel	2	PC+ABS UL94V-0	Black • Gray / Unpainted Navy / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
4	Panel gasket	2	Silicone	Black • Dark gray
5	Cover gasket	2	Silicone	White gray
6	Screw	8	Stainless Steel	Unfinished

Farbcode - Color Type

Code	S B silber / schwarz - silver / black	S G silber / grau - silver / gray	S N silber / navy - silver / navy
Farbe Color			
Code	B B schwarz / schwarz - black / black	B G schwarz / grau - black / gray	B N schwarz / navy - black / navy
Farbe Color			



Best-Nr. / Maße

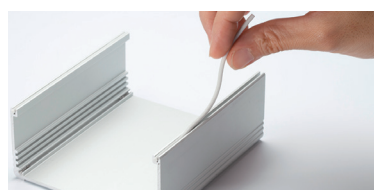
Product no. / Dimensions

■ Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.

■ Please suffix color code at the end of the product number.

Best-Nr. Product no.	Maße (außen) - External dimensions			Maße (innen) - Internal dimensions		
	W	H	D	a	b	c
EXW 7- 3- 6□□	69	34	58	47	20	46
EXW 7- 3- 9□□	69	34	85	47	20	73
EXW 7- 3-11□□	69	34	108	47	20	96
EXW 7- 4- 6□□	69	44	58	47	30	46
EXW 7- 4- 9□□	69	44	85	47	30	73
EXW 7- 4-11□□	69	44	108	47	30	96
EXW 7- 6- 6□□	69	59	58	47	45	46
EXW 7- 6- 9□□	69	59	85	47	45	73
EXW 7- 6-11□□	69	59	108	47	45	96
EXW 9- 4- 7□□	89	39	69	67	25	56
EXW 9- 4-10□□	89	39	99	67	25	86
EXW 9- 4-13□□	89	39	129	67	25	116
EXW 9- 5- 7□□	89	49	69	67	35	56
EXW 9- 5-10□□	89	49	99	67	35	86
EXW 9- 5-13□□	89	49	129	67	35	116
EXW 9- 6- 7□□	89	64	69	67	50	56
EXW 9- 6-10□□	89	64	99	67	50	86
EXW 9- 6-13□□	89	64	129	67	50	116
EXW12- 4- 9□□	116	41	88	89	24	74
EXW12- 4-13□□	116	41	128	89	24	114
EXW12- 4-18□□	116	41	174	89	24	160
EXW12- 6- 9□□	116	56	88	89	39	74
EXW12- 6-13□□	116	56	128	89	39	114
EXW12- 6-18□□	116	56	174	89	39	160
EXW12- 7- 9□□	116	71	88	89	54	74
EXW12- 7-13□□	116	71	128	89	54	114
EXW12- 7-18□□	116	71	174	89	54	160
EXW15- 5-11□□	151	46	107	107	29	93
EXW15- 5-15□□	151	46	147	107	29	133
EXW15- 5-20□□	151	46	197	107	29	183
EXW15- 6-11□□	151	61	107	107	44	93
EXW15- 6-15□□	151	61	147	107	44	133
EXW15- 6-20□□	151	61	197	107	44	183
EXW15- 8-11□□	151	81	107	107	64	93
EXW15- 8-15□□	151	81	147	107	64	133
EXW15- 8-20□□	151	81	197	107	64	183
EXW15-10-11□□	151	101	107	107	84	93
EXW15-10-15□□	151	101	147	107	84	133
EXW15-10-20□□	151	101	197	107	84	183

■ Sonderlängen möglich. ■ Custom length is available.



- Legen Sie die Dichtung in die offene Nut der Profilunterseite.
- Insert cover gaskets into the joint-grooves on the bottom cover.



- Ensure that a small portion of the cover gasket protrudes out in order to maintain a seal with the panel gasket.

■ Beachten Sie bitte, dass auf beiden Seiten die Dichtung etwas übersteht, damit ein Kontakt zu den Frontplatten hergestellt werden kann.



Included screws
 EXPF 7-□, 9-□ models : M2.5-8 x 8 pcs
 EXPF11-□, 15-□ models : M3-10 x 8 pcs
 EXPF20-□ models : M4-12 x 8 pcs
 EXPF24-□ models : M5-12 x 8 pcs
 ※Hexagonal wrench included.

Serie EXPF

Aluminiumgehäuse mit Befestigungsflansch



Series EXPF

Flanged Aluminium Panel Case

- Deckel mit Befestigungsflansch für Wandmontage.
- Verfügbar in 67 verschiedenen Standardgrößen und 6 unterschiedlichen Farbkombinationen.
- Sonderlängen möglich.

- Equipped with flanged frame for easy wall mounting.
- Available in 67 different sizes and 6 different color combinations.
- Custom length is available.

Einzelteile

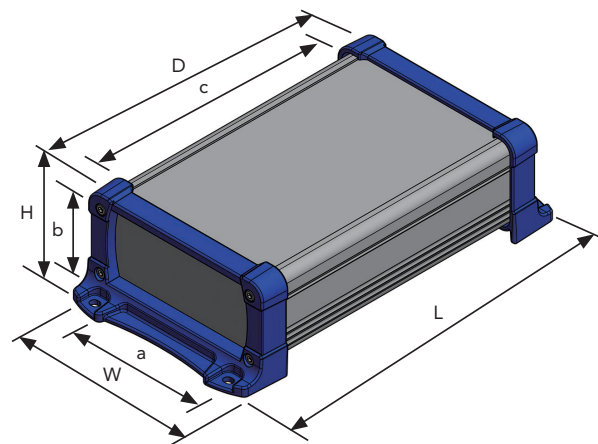
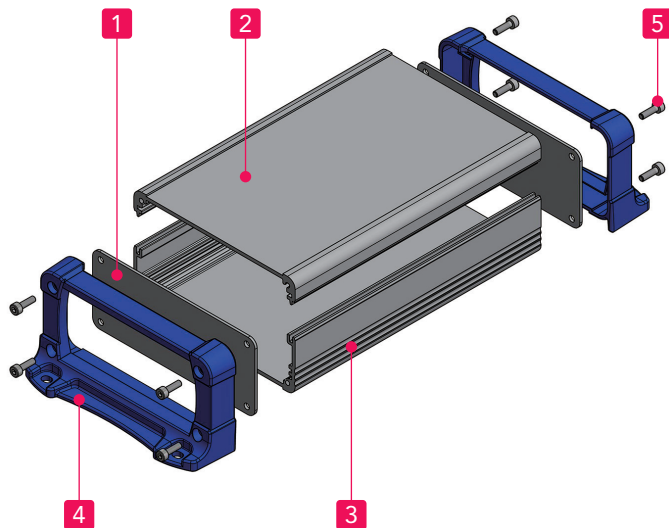
Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Frontplatten	2	Aluminium A1100P	silber • schwarz / eloxiert
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
4	Frontplattenrahmen mit Befestigungsflansch	2	PC+ABS UL94V-0	schwarz • grau / ohne Farbzusatz navy / lackiert
5	Schraube	8	Edelstahl	unbehandelt

Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
4	Flanged frame	2	PC+ABS UL94V-0	Black • Gray / Unpainted Navy / Painted
5	Screw	8	Stainless steel	Unfinished

Farbcode - Color Type

Code	S B silber / schwarz - silver / black	S G silber / grau - silver / gray	S N silber / navy - silver / navy
Farbe Color			
Code	B B schwarz / schwarz - black / black	B G schwarz / grau - black / gray	B N schwarz / navy - black / navy
Farbe Color			



Best-Nr. / Maße
Product no. / Dimensions

■ Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.
■ Please suffix color code at the end of the product number.

Best-Nr. Product no.	Maße (extern) Dimensions (External)				Maße (intern) Dimensions (Internal)		
	W	H	D	L	a	b	c
EXPF 7- 3- 6□□	66	34	60	84	47	19.6	46
EXPF 7- 3- 9□□	66	34	87	111	47	19.6	73
EXPF 7- 3-11□□	66	34	110	134	47	19.6	96
EXPF 7- 4- 6□□	66	44	60	84	47	29.6	46
EXPF 7- 4- 9□□	66	44	87	111	47	29.6	73
EXPF 7- 4-11□□	66	44	110	134	47	29.6	96
EXPF 7- 6- 6□□	66	59	60	84	47	44.6	46
EXPF 7- 6- 9□□	66	59	87	111	47	44.6	73
EXPF 7- 6-11□□	66	59	110	134	47	44.6	96
EXPF 9- 4- 7□□	86	39	70	95.8	67	24.6	56
EXPF 9- 4-10□□	86	39	100	125.8	67	24.6	86
EXPF 9- 4-13□□	86	39	130	155.8	67	24.6	116
EXPF 9- 5- 7□□	86	49	70	95.8	67	34.6	56
EXPF 9- 5-10□□	86	49	100	125.8	67	34.6	86
EXPF 9- 5-13□□	86	49	130	155.8	67	34.6	116
EXPF 9- 6- 7□□	86	64	70	95.8	67	49.6	56
EXPF 9- 6-10□□	86	64	100	125.8	67	49.6	86
EXPF 9- 6-13□□	86	64	130	155.8	67	49.6	116
EXPF11- 4- 9□□	113	41.5	90	121.8	89	24	74
EXPF11- 4-13□□	113	41.5	130	161.8	89	24	114
EXPF11- 4-18□□	113	41.5	176	207.8	89	24	160
EXPF11- 6- 9□□	113	56.5	90	121.8	89	39	74
EXPF11- 6-13□□	113	56.5	130	161.8	89	39	114
EXPF11- 6-18□□	113	56.5	176	207.8	89	39	160
EXPF11- 7- 9□□	113	71.5	90	121.8	89	54	74
EXPF11- 7-13□□	113	71.5	130	161.8	89	54	114
EXPF11- 7-18□□	113	71.5	176	207.8	89	54	160
EXPF15- 5-11□□	148	47	110	149.2	107.4	29	93
EXPF15- 5-15□□	148	47	150	189.2	107.4	29	133
EXPF15- 5-20□□	148	47	200	239.2	107.4	29	183
EXPF15- 6-11□□	148	62	110	149.2	107.4	44	93
EXPF15- 6-15□□	148	62	150	189.2	107.4	44	133
EXPF15- 6-20□□	148	62	200	239.2	107.4	44	183
EXPF15- 8-11□□	148	82	110	149.2	107.4	64	93
EXPF15- 8-15□□	148	82	150	189.2	107.4	64	133
EXPF15- 8-20□□	148	82	200	239.2	107.4	64	183
EXPF15-10-11□□	148	102	110	149.2	107.4	84	93
EXPF15-10-15□□	148	102	150	189.2	107.4	84	133
EXPF15-10-20□□	148	102	200	239.2	107.4	84	183

Best-Nr. Product no.	Maße (extern) Dimensions (External)				Maße (intern) Dimensions (Internal)		
	W	H	D	L	a	b	c
EXPF20- 6-14□□	195	57	140	188.6	132	35	120
EXPF20- 6-19□□	195	57	192	240.6	132	35	172
EXPF20- 6-25□□	195	57	245	293.6	132	35	225
EXPF20- 6-30□□	195	57	300	348.6	132	35	280
EXPF20- 8-14□□	195	75	140	188.6	132	53	120
EXPF20- 8-19□□	195	75	192	240.6	132	53	172
EXPF20- 8-25□□	195	75	245	293.6	132	53	225
EXPF20- 8-30□□	195	75	300	348.6	132	53	280
EXPF20-10-14□□	195	95	140	188.6	132	73	120
EXPF20-10-19□□	195	95	192	240.6	132	73	172
EXPF20-10-25□□	195	95	245	293.6	132	73	225
EXPF20-10-30□□	195	95	300	348.6	132	73	280
EXPF20-12-14□□	195	120	140	188.6	132	98	120
EXPF20-12-19□□	195	120	192	240.6	132	98	172
EXPF20-12-25□□	195	120	245	293.6	132	98	225
EXPF20-12-30□□	195	120	300	348.6	132	98	280
EXPF24- 7-17□□	240	65	170	218.6	177	43	147
EXPF24- 7-23□□	240	65	230	278.6	177	43	207
EXPF24- 7-29□□	240	65	290	338.6	177	43	267
EXPF24- 7-35□□	240	65	350	398.6	177	43	327
EXPF24- 9-17□□	240	90	170	218.6	177	68	147
EXPF24- 9-23□□	240	90	230	278.6	177	68	207
EXPF24- 9-29□□	240	90	290	338.6	177	68	267
EXPF24- 9-35□□	240	90	350	398.6	177	68	327
EXPF24-12-17□□	240	115	170	218.6	177	93	147
EXPF24-12-23□□	240	115	230	278.6	177	93	207
EXPF24-12-29□□	240	115	290	338.6	177	93	267
EXPF24-12-35□□	240	115	350	398.6	177	93	327



Folgende Versionen zur Aufnahme von Mini-ITX geeignet.
EXPF20-8-19□□
EXPF20-10-19□□
EXPF20-12-19□□

Following models are suitable for placement of a Mini-ITX board.
EXPF20-8-19□□
EXPF20-10-19□□
EXPF20-12-19□□

■ Sonderlängen möglich. ■ Custom length is available.



Included screws
 EXEF 7-□, 9-□ models : M2.5-8 x 8 pcs
 EXEF11-□, 15-□ models : M3-10 x 8 pcs
 EXEF20-□ models : M4-12 x 8 pcs
 EXEF24-□ models : M5-12 x 8 pcs
 ※Hexagonal wrench included.

Serie EXEF EMV

Aluminiumgehäuse mit Befestigungsflansch



Series EXEF

Flanged Aluminium EMC Shield Case

- EMV Schutz wird erreicht durch unbehandelte Innenflächen der Profile, Frontplatten und leitfähigen Dichtungen.
- Deckel mit Befestigungsflansch für Wandmontage.
- Verfügbar in 67 verschiedenen Standardgrößen und 3 unterschiedlichen Farbkombinationen.
- EMC shielding is achieved by having the unfinished inner sides of the top/bottom covers and panels, as well as the fabric-over-foam gasket in contact with one another.
- Equipped with flanged frame for easy wall mounting.
- Available in 67 different sizes and 3 different color combinations.

Komponenten

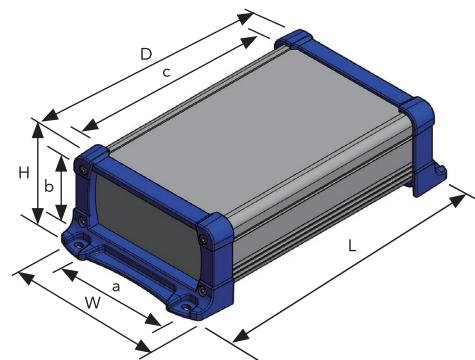
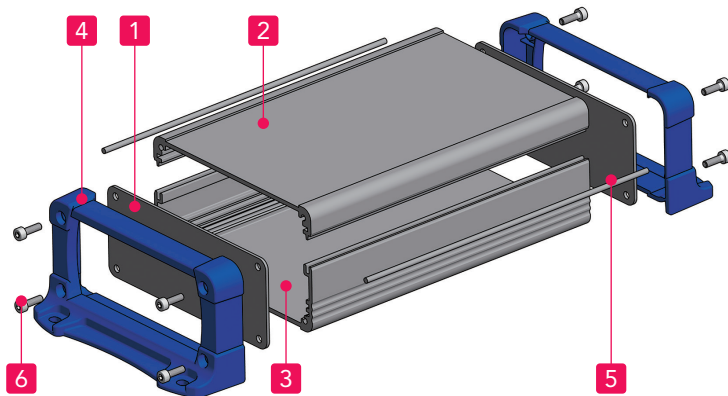
Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Frontplatten	2	Aluminium A1100P	silber / lackiert (außen) • unbehandelt (innen)
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber / lackiert (außen) • unbehandelt (innen)
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber / lackiert (außen) • unbehandelt (innen)
4	Frontplattenrahmen mit Befestigungsflansch	2	PC+ABS UL94V-0	schwarz • grau / unlackiert navy / lackiert
5	leitfähige Dichtung	2	leitfähig : TPE	metallisch grau
6	Schraube	8	Edelstahl	unbehandelt

Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Painted (outside) • Unfinished (inside)
2	Top cover	1	Extruded aluminium A6063S-T5	Silver / Painted (outside) • Unfinished (inside)
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver / Painted (outside) • Unfinished (inside)
4	Flanged frame	2	PC+ABS UL94V-0	Black • Gray / Unpainted Navy / Painted
5	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
6	Screw	8	Stainless steel	Unfinished

Farbcode - Color Type

Code	S B silber / schwarz - silver / black	S G silber / grau - silver / gray	S N silber / navy - silver / navy
Farbe Color			



■ Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.

■ Please suffix color code at the end of the product number.

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

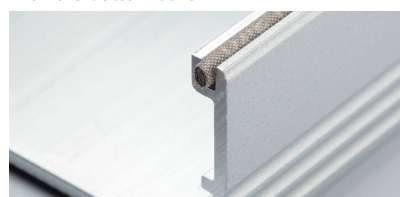
Best-Nr. Product no.	Maße - Dimensions (External)				Dimensions (Internal)		
	W	H	D	L	a	b	c
EXEF 7- 3- 6□□	66	34	60	84	47	19.6	46
EXEF 7- 3- 9□□	66	34	87	111	47	19.6	73
EXEF 7- 3-11□□	66	34	110	134	47	19.6	96
EXEF 7- 4- 6□□	66	44	60	84	47	29.6	46
EXEF 7- 4- 9□□	66	44	87	111	47	29.6	73
EXEF 7- 4-11□□	66	44	110	134	47	29.6	96
EXEF 7- 6- 6□□	66	59	60	84	47	44.6	46
EXEF 7- 6- 9□□	66	59	87	111	47	44.6	73
EXEF 7- 6-11□□	66	59	110	134	47	44.6	96
EXEF 9- 4- 7□□	86	39	70	95.8	67	24.6	56
EXEF 9- 4-10□□	86	39	100	125.8	67	24.6	86
EXEF 9- 4-13□□	86	39	130	155.8	67	24.6	116
EXEF 9- 5- 7□□	86	49	70	95.8	67	34.6	56
EXEF 9- 5-10□□	86	49	100	125.8	67	34.6	86
EXEF 9- 5-13□□	86	49	130	155.8	67	34.6	116
EXEF 9- 6- 7□□	86	64	70	95.8	67	49.6	56
EXEF 9- 6-10□□	86	64	100	125.8	67	49.6	86
EXEF 9- 6-13□□	86	64	130	155.8	67	49.6	116
EXEF11- 4- 9□□	113	41.5	90	121.8	89	24	74
EXEF11- 4-13□□	113	41.5	130	161.8	89	24	114
EXEF11- 4-18□□	113	41.5	176	207.8	89	24	160
EXEF11- 6- 9□□	113	56.5	90	121.8	89	39	74
EXEF11- 6-13□□	113	56.5	130	161.8	89	39	114
EXEF11- 6-18□□	113	56.5	176	207.8	89	39	160
EXEF11- 7- 9□□	113	71.5	90	121.8	89	54	74
EXEF11- 7-13□□	113	71.5	130	161.8	89	54	114
EXEF11- 7-18□□	113	71.5	176	207.8	89	54	160
EXEF15- 5-11□□	148	47	110	149.2	107.4	29	93
EXEF15- 5-15□□	148	47	150	189.2	107.4	29	133
EXEF15- 5-20□□	148	47	200	239.2	107.4	29	183
EXEF15- 6-11□□	148	62	110	149.2	107.4	44	93
EXEF15- 6-15□□	148	62	150	189.2	107.4	44	133
EXEF15- 6-20□□	148	62	200	239.2	107.4	44	183
EXEF15- 8-11□□	148	82	110	149.2	107.4	64	93
EXEF15- 8-15□□	148	82	150	189.2	107.4	64	133
EXEF15- 8-20□□	148	82	200	239.2	107.4	64	183
EXEF15-10-11□□	148	102	110	149.2	107.4	84	93
EXEF15-10-15□□	148	102	150	189.2	107.4	84	133
EXEF15-10-20□□	148	102	200	239.2	107.4	84	183

Best-Nr. Product no.	Maße - Dimensions (External)				Dimensions (Internal)		
	W	H	D	L	a	b	c
EXEF20- 6-14□□	195	57	140	188.6	132	35	120
EXEF20- 6-19□□	195	57	192	240.6	132	35	172
EXEF20- 6-25□□	195	57	245	293.6	132	35	225
EXEF20- 6-30□□	195	57	300	348.6	132	35	280
EXEF20- 8-14□□	195	75	140	188.6	132	53	120
EXEF20- 8-19□□	195	75	192	240.6	132	53	172
EXEF20- 8-25□□	195	75	245	293.6	132	53	225
EXEF20- 8-30□□	195	75	300	348.6	132	53	280
EXEF20-10-14□□	195	95	140	188.6	132	73	120
EXEF20-10-19□□	195	95	192	240.6	132	73	172
EXEF20-10-25□□	195	95	245	293.6	132	73	225
EXEF20-10-30□□	195	95	300	348.6	132	73	280
EXEF20-12-14□□	195	120	140	188.6	132	98	120
EXEF20-12-19□□	195	120	192	240.6	132	98	172
EXEF20-12-25□□	195	120	245	293.6	132	98	225
EXEF20-12-30□□	195	120	300	348.6	132	98	280
EXEF24- 7-17□□	240	65	170	218.6	177	43	147
EXEF24- 7-23□□	240	65	230	278.6	177	43	207
EXEF24- 7-29□□	240	65	290	338.6	177	43	267
EXEF24- 7-35□□	240	65	350	398.6	177	43	327
EXEF24- 9-17□□	240	90	170	218.6	177	68	147
EXEF24- 9-23□□	240	90	230	278.6	177	68	207
EXEF24- 9-29□□	240	90	290	338.6	177	68	267
EXEF24- 9-35□□	240	90	350	398.6	177	68	327
EXEF24-12-17□□	240	115	170	218.6	177	93	147
EXEF24-12-23□□	240	115	230	278.6	177	93	207
EXEF24-12-29□□	240	115	290	338.6	177	93	267
EXEF24-12-35□□	240	115	350	398.6	177	93	327

Installation der Dichtungen How to install a shield gasket



- Legen Sie die Dichtung in die offene Nut der Profilunterseite.
- Insert fabric-over-foam gasket into the joint-grooves on the bottom cover.



- Beachten Sie bitte, dass auf beiden Seiten die Dichtung etwas übersteht, damit ein Kontakt zu den Frontplatten hergestellt werden kann.
- Ensure that a small portion of the fabric-over-foam gasket protrudes out in order to maintain a connection with the end panel.



Folgende Versionen zur Aufnahme von Mini-ITX geeignet.

EXEF20-8-19□□
EXEF20-10-19□□
EXEF20-12-19□□

Following models are suitable for placement of a Mini-ITX board.

EXEF20-8-19□□
EXEF20-10-19□□
EXEF20-12-19□□

■ Nicht geeignet für Anwendungsbereiche mit direktem Regeneinfall



Technische Daten

Schutzklasse : IP65 • IP54
Schutzklasse variiert mit der Größe.
■ Nicht geeignet für Anwendungsbereiche mit direktem Regeneinfall.

Technical Data

Protection class : IP65 • IP54
Protection class varies by size.
■ Not suitable for environments with direct rainfall

Included screw
EXWF7-□, 9-□ models : M2.5-8 x 8 pcs
EXWF12-□, 15-□ models : M3-10 x 8 pcs
EXWF20-□ models : M4-12 x 8 pcs
EXWF24-□ models : M5-12 x 8 pcs
※Hexagonal wrench included.

Serie EXWF IP65 Aluminiumgehäuse mit Befestigungsflansch



Series EXWF IP65 Flanged Aluminium Case

- Wasserdichtes Gehäuse verfügbar in 73 verschiedenen Standardgrößen und 6 Farbkombinationen.
- Deckel mit Befestigungsflansch für Wandmontage.
- Sonderlängen möglich.

- Waterproof case available in 73 different sizes and 6 different color combinations by 2 body frame and 3 end panel colors.
- Flanged end panels make it easy for wall mounting. Suitable to be used as wall mounted controller and transmitter.
- Custom length is available.

Einzelteile

Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Deckel mit Befestigungsflansch	2	PC+ABS UL94V-0	schwarz • grau / unlackiert navy / lackiert
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
4	Frontplattendichtung	2	Silikon	schwarz
5	Profildichtung	2	Silikon	hellgrau
6	Schraube	8	Edelstahl	unbehandelt

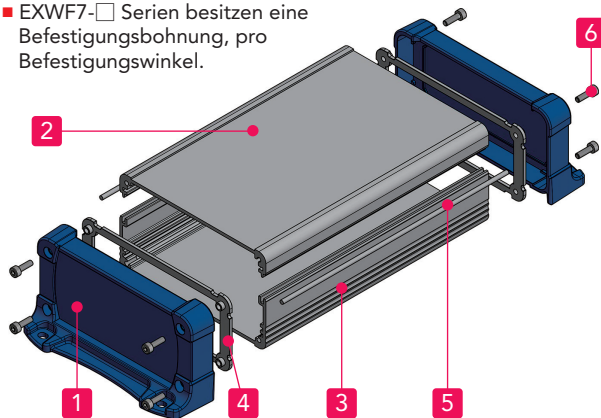
Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged end panel	2	PC+ABS UL94V-0	Black • Gray / Unpainted Navy / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
4	Panel gasket	2	Silicone	Black
5	Cover gasket	2	Silicone	White gray
6	Screw	8	Stainless Steel	Unfinished

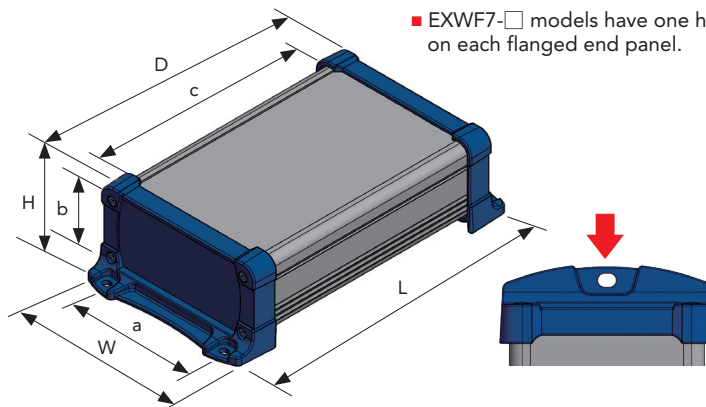
Farbcode - Color Type

Code	[S][B] silber / schwarz - silver / black	[S][G] silber / grau - silver / gray	[S][N] silber / navy - silver / navy
Farbe Color			
Code	[B][B] schwarz / schwarz - black / black	[B][G] schwarz / grau - black / gray	[B][N] schwarz / navy - black / navy
Farbe Color			

- EXWF7-□ Serien besitzen eine Befestigungsbohrung, pro Befestigungswinkel.



- EXWF7-□ models have one hole on each flanged end panel.



- Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.
- Please suffix color code at the end of the product number.

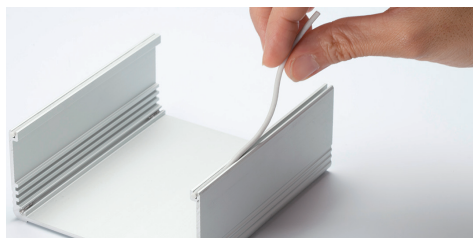
Best-Nr. / Maße - Product no. / Dimensions

Best-Nr. Product no.	IP Code	External dimensions				Internal dimensions		
		W	H	D	L	a	b	c
EXWF 7- 3- 6□□	IP65	66	34	57	82	47	20	46
EXWF 7- 3- 9□□	IP65	66	34	84	109	47	20	73
EXWF 7- 3-11□□	IP65	66	34	107	132	47	20	96
EXWF 7- 4- 6□□	IP65	66	44	57	82	47	30	46
EXWF 7- 4- 9□□	IP65	66	44	84	109	47	30	73
EXWF 7- 4-11□□	IP65	66	44	107	132	47	30	96
EXWF 7- 6- 6□□	IP65	66	59	57	82	47	45	46
EXWF 7- 6- 9□□	IP65	66	59	84	109	47	45	73
EXWF 7- 6-11□□	IP65	66	59	107	132	47	45	96
EXWF 9- 4- 7□□	IP65	86	39	68	94.8	67	25	56
EXWF 9- 4-10□□	IP65	86	39	98	124.8	67	25	86
EXWF 9- 4-13□□	IP65	86	39	128	154.8	67	25	116
EXWF 9- 5- 7□□	IP65	86	49	68	94.8	67	35	56
EXWF 9- 5-10□□	IP65	86	49	98	124.8	67	35	86
EXWF 9- 5-13□□	IP65	86	49	128	154.8	67	35	116
EXWF 9- 6- 7□□	IP65	86	64	68	94.8	67	50	56
EXWF 9- 6-10□□	IP65	86	64	98	124.8	67	50	86
EXWF 9- 6-13□□	IP65	86	64	128	154.8	67	50	116
EXWF11- 4- 9□□	IP65	113	41.5	87	119.8	89	24	74
EXWF11- 4-13□□	IP65	113	41.5	127	159.8	89	24	114
EXWF11- 4-17□□	IP65	113	41.5	173	205.8	89	24	160
EXWF11- 6- 9□□	IP65	113	56.5	87	119.8	89	39	74
EXWF11- 6-13□□	IP65	113	56.5	127	159.8	89	39	114
EXWF11- 6-17□□	IP65	113	56.5	173	205.8	89	39	160
EXWF11- 7- 9□□	IP65	113	71.5	87	119.8	89	54	74
EXWF11- 7-13□□	IP65	113	71.5	127	159.8	89	54	114
EXWF11- 7-17□□	IP65	113	71.5	173	205.8	89	54	160
EXWF15- 5-11□□	IP65	148	47	106	146.2	107	29	93
EXWF15- 5-15□□	IP65	148	47	146	186.2	107	29	133
EXWF15- 5-20□□	IP65	148	47	196	236.2	107	29	183
EXWF15- 6-11□□	IP65	148	62	106	146.2	107	44	93
EXWF15- 6-15□□	IP65	148	62	146	186.2	107	44	133
EXWF15- 6-20□□	IP65	148	62	196	236.2	107	44	183
EXWF15- 8-11□□	IP65	148	82	106	146.2	107	64	93
EXWF15- 8-15□□	IP65	148	82	146	186.2	107	64	133
EXWF15- 8-20□□	IP65	148	82	196	236.2	107	64	183
EXWF15-10-11□□	IP65	148	102	106	146.2	107	84	93
EXWF15-10-15□□	IP65	148	102	146	186.2	107	84	133
EXWF15-10-20□□	IP65	148	102	196	236.2	107	84	183
EXWF20- 6-14□□	IP54	195	57	138	186.6	132	35	120
EXWF20- 6-19□□	IP54	195	57	190	238.6	132	35	172
EXWF20- 6-25□□	IP54	195	57	243	291.6	132	35	225
EXWF20- 6-30□□	IP54	195	57	298	346.6	132	35	280
EXWF20- 8-14□□	IP54	195	75	138	186.6	132	53	120
EXWF20- 8-19□□	IP54	195	75	190	238.6	132	53	172
EXWF20- 8-25□□	IP54	195	75	243	291.6	132	53	225
EXWF20- 8-30□□	IP54	195	75	298	346.6	132	53	280
EXWF20-10-14□□	IP54	195	95	138	186.6	132	73	120
EXWF20-10-19□□	IP54	195	95	190	238.6	132	73	172
EXWF20-10-25□□	IP54	195	95	243	291.6	132	73	225
EXWF20-10-30□□	IP54	195	95	298	346.6	132	73	280
EXWF20-12-14□□	IP54	195	120	138	186.6	132	98	120
EXWF20-12-19□□	IP54	195	120	190	238.6	132	98	172
EXWF20-12-25□□	IP54	195	120	243	291.6	132	98	225
EXWF20-12-30□□	IP54	195	120	298	346.6	132	98	280
EXWF24- 7-17□□	IP54	240	65	165	213.6	177	43	147
EXWF24- 7-23□□	IP54	240	65	225	273.6	177	43	207
EXWF24- 7-29□□	IP54	240	65	285	333.6	177	43	267
EXWF24- 7-35□□	IP54	240	65	345	393.6	177	43	327
EXWF24- 9-17□□	IP54	240	90	165	213.6	177	68	147
EXWF24- 9-23□□	IP54	240	90	225	273.6	177	68	207
EXWF24- 9-29□□	IP54	240	90	285	333.6	177	68	267
EXWF24- 9-35□□	IP54	240	90	345	393.6	177	68	327
EXWF24-12-17□□	IP54	240	115	165	213.6	177	93	147
EXWF24-12-23□□	IP54	240	115	225	273.6	177	93	207
EXWF24-12-29□□	IP54	240	115	285	333.6	177	93	267
EXWF24-12-35□□	IP54	240	115	345	393.6	177	93	327
NEW EXWF30- 9-25□□	※	298	93	247	295.6	231	68	228
NEW EXWF30- 9-32□□	※	298	93	317	365.6	231	68	298
NEW EXWF30- 9-40□□	※	298	93	397	445.6	231	68	378
NEW EXWF30-14-25□□	※	298	143	247	295.6	231	118	228
NEW EXWF30-14-32□□	※	298	143	317	365.6	231	118	298
NEW EXWF30-14-40□□	※	298	143	397	445.6	231	118	378

※ Pending protection grade certification.

- Beachten Sie bitte, dass auf beiden Seiten die Dichtung etwas übersteht, damit ein Kontakt zu den Frontplatten hergestellt werden kann.
- Ensure that a small portion of the cover gasket protrudes out in order to maintain a seal with the panel gasket.

Installation der Dichtungen How to install cover gasket



- Legen Sie die Dichtung in die offene Nut der Profilunterseite.
- Insert cover gaskets into the joint-grooves on the bottom cover.



Technische Daten

Schutzklasse: IP40

Technical Data

Protection class: IP40

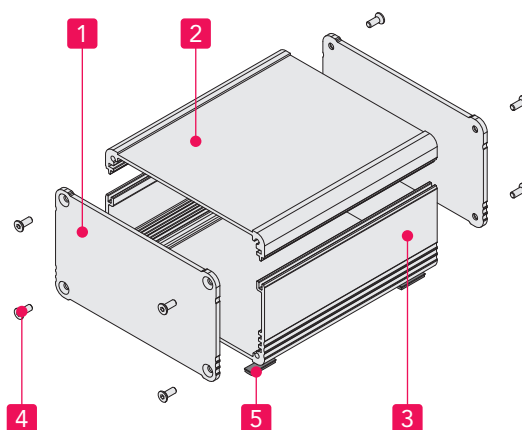
Serie EX Aluminium-Profilgehäuse



EX Series Extruded aluminium case



- Aluminiumgehäuse aus extrudierten Profilen mit schönem Design.
- Verfügbar in 4 Farbkombinationen.
- Edle Oberflächenbeschaffenheit mit angefasten Deckelplatten.
- Geeignet für industrielle Produkte und Audio Anwendungen.



- Simple yet beautifully designed aluminium extrusion enclosure.
- Selectable in 4 different color combinations.
- Beautiful high-end finish is achieved by having a chamfered edge panel.
- Suitable for industrial and audio interface equipments.

Komponenten

Nr.	Bezeichnung	Stück	Material	Farbe / Oberfläche
1	Frontplatten	2	Aluminium A1050P	silber • schwarz / eloxiert
2	Oberschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
3	Unterschale	1	Aluminiumprofil A6063S-T5	silber • schwarz / eloxiert
4	Schraube	8	Edelstahl	unbehandelt
5	Gummifüße	4	Polyurethan	schwarz

Components

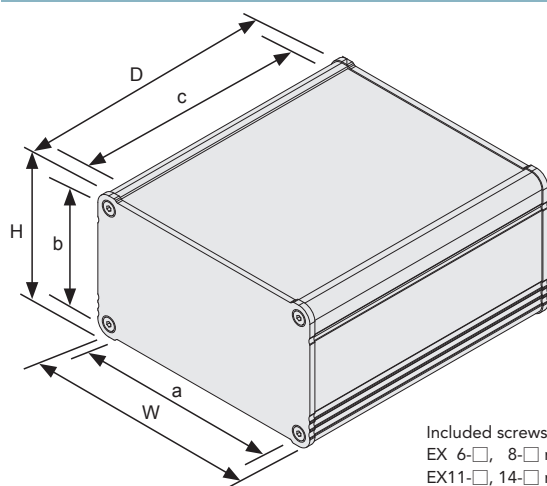
No.	Part name	Pcs	Material	Color / Finish
1	End panel	2	Aluminium A1050P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
4	Screw	8	Stainless steel	Unfinished
5	Rubber feet	4	Polyurethane	Black

Farbvarianten - Color Types

Farbcode Color code	S S silber / silber S S Silver / Silver	S B silber / schwarz S B Silver / Black	B S schwarz / silber B S Black / Silver	B B schwarz / schwarz B B Black / Black
Farbe Color				

EX Zubehör (optional erhältlich)

(optional parts) EX Accessories



Schrauben inklusive
 EX 6-□, 8-□ models : M2.5-8 x 8 pcs
 EX11-□, 14-□ models : M3-8 x 8 pcs
 EX19-□ models : M4-10 x 8 pcs
 EX23-□ models : M5-10 x 8 pcs
 ※Sechskantschlüssel inbegriffen.

Included screws
 EX 6-□, 8-□ models : M2.5-8 x 8 pcs
 EX11-□, 14-□ models : M3-8 x 8 pcs
 EX19-□ models : M4-10 x 8 pcs
 EX23-□ models : M5-10 x 8 pcs
 ※Hexagonal wrench included.



Wall mounting bracket EF series

■ Bitte vervollständigen Sie die Bestellnummer mit dem Farbcode am Ende.
 ■ Please suffix color code at the end of the product number.

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

Best-Nr. Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EX 6- 3- 5□□	60.6	25.6	50	46	19.6	46
EX 6- 3- 8□□	60.6	25.6	77	46	19.6	73
EX 6- 3-10□□	60.6	25.6	100	46	19.6	96
EX 6- 4- 5□□	60.6	35.6	50	46	29.6	46
EX 6- 4- 8□□	60.6	35.6	77	46	29.6	73
EX 6- 4-10□□	60.6	35.6	100	46	29.6	96
EX 6- 5- 5□□	60.6	50.6	50	46	44.6	46
EX 6- 5- 8□□	60.6	50.6	77	46	44.6	73
EX 6- 5-10□□	60.6	50.6	100	46	44.6	96
EX 8- 3- 6□□	80.6	30.6	60	66	24.6	56
EX 8- 3- 9□□	80.6	30.6	90	66	24.6	86
EX 8- 3-12□□	80.6	30.6	120	66	24.6	116
EX 8- 4- 6□□	80.6	40.6	60	66	34.6	56
EX 8- 4- 9□□	80.6	40.6	90	66	34.6	86
EX 8- 4-12□□	80.6	40.6	120	66	34.6	116
EX 8- 6- 6□□	80.6	55.6	60	66	49.6	56
EX 8- 6- 9□□	80.6	55.6	90	66	49.6	86
EX 8- 6-12□□	80.6	55.6	120	66	49.6	116
EX11- 3- 8□□	106	31	79	88	24	74
EX11- 3-12□□	106	31	119	88	24	114
EX11- 3-16□□	106	31	165	88	24	160
EX11- 5- 8□□	106	46	79	88	39	74
EX11- 5-12□□	106	46	119	88	39	114
EX11- 5-16□□	106	46	165	88	39	160
EX11- 6- 8□□	106	61	79	88	54	74
EX11- 6-12□□	106	61	119	88	54	114
EX11- 6-16□□	106	61	165	88	54	160
EX14- 4-10□□	141	36	98	106.8	29	93
EX14- 4-14□□	141	36	138	106.8	29	133
EX14- 4-19□□	141	36	188	106.8	29	183
EX14- 5-10□□	141	51	98	106.8	44	93
EX14- 5-14□□	141	51	138	106.8	44	133
EX14- 5-19□□	141	51	188	106.8	44	183
EX14- 7-10□□	141	71	98	106.8	64	93
EX14- 7-14□□	141	71	138	106.8	64	133
EX14- 7-19□□	141	71	188	106.8	64	183
EX14- 9-10□□	141	91	98	106.8	84	93
EX14- 9-14□□	141	91	138	106.8	84	133
EX14- 9-19□□	141	91	188	106.8	84	183

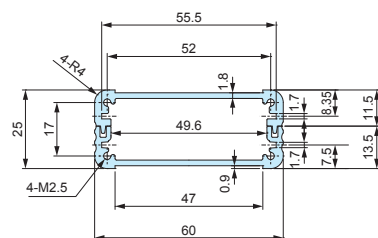
■ Sonderlängen möglich. ■ Custom length is available.

Best-Nr. Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EX19- 4-13□□	186.5	43.5	125	131	35	120
EX19- 4-18□□	186.5	43.5	177	131	35	172
EX19- 4-23□□	186.5	43.5	230	131	35	225
EX19- 4-29□□	186.5	43.5	285	131	35	280
EX19- 6-13□□	186.5	61.5	125	131	53	120
EX19- 6-18□□	186.5	61.5	177	131	53	172
EX19- 6-23□□	186.5	61.5	230	131	53	225
EX19- 6-29□□	186.5	61.5	285	131	53	280
EX19- 8-13□□	186.5	81.5	125	131	73	120
EX19- 8-18□□	186.5	81.5	177	131	73	172
EX19- 8-23□□	186.5	81.5	230	131	73	225
EX19- 8-29□□	186.5	81.5	285	131	73	280
EX19-11-13□□	186.5	106.5	125	131	98	120
EX19-11-18□□	186.5	106.5	177	131	98	172
EX19-11-23□□	186.5	106.5	230	131	98	225
EX19-11-29□□	186.5	106.5	285	131	98	280
EX23- 5-15□□	232	52	153	176	43	147
EX23- 5-21□□	232	52	213	176	43	207
EX23- 5-27□□	232	52	273	176	43	267
EX23- 5-33□□	232	52	333	176	43	327
EX23- 8-15□□	232	77	153	176	68	147
EX23- 8-21□□	232	77	213	176	68	207
EX23- 8-27□□	232	77	273	176	68	267
EX23- 8-33□□	232	77	333	176	68	327
EX23-10-15□□	232	102	153	176	93	147
EX23-10-21□□	232	102	213	176	93	207
EX23-10-27□□	232	102	273	176	93	267
EX23-10-33□□	232	102	333	176	93	327
NEW EX29- 8-23□□	287.5	77.5	234	230	68	228
NEW EX29- 8-30□□	287.5	77.5	304	230	68	298
NEW EX29- 8-38□□	287.5	77.5	384	230	68	378
NEW EX29-13-23□□	287.5	127.5	234	230	118	228
NEW EX29-13-30□□	287.5	127.5	304	230	118	298
NEW EX29-13-38□□	287.5	127.5	384	230	118	378

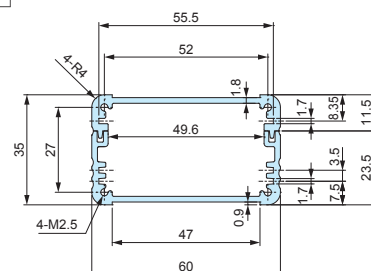
Profilübersicht Ober- und Unterschale EXP - EXPE - EXPF - EXEF - EX

Cross-section View EXP - EXPE - EXPF - EXEF - EX top / bottom covers

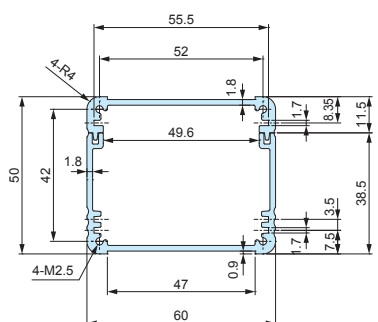
EXP • EXPE • EXW • EXPF • EXEF • EXWF7-3-□
EX6-3-□



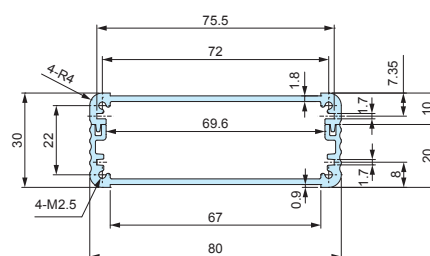
EXP • EXPE • EXW • EXPF • EXEF • EXWF7-4-□
EX6-4-□



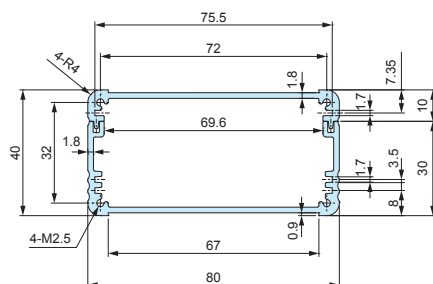
EXP • EXPE • EXW • EXPF • EXEF • EXWF7-6-□
EX6-5-□



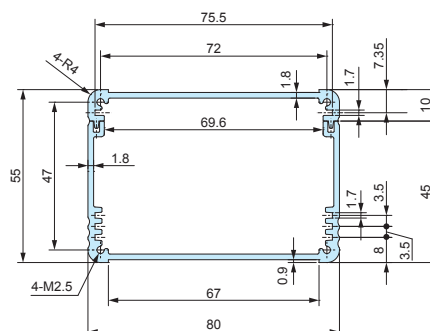
EXP • EXPE • EXW • EXPF • EXEF • EXWF9-4-□
EX8-3-□



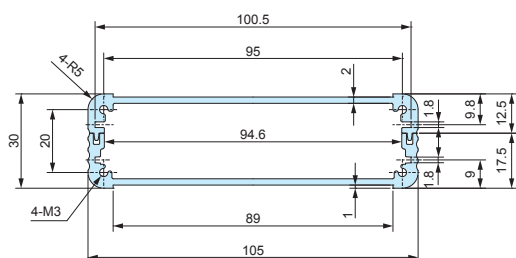
EXP • EXPE • EXW • EXPF • EXEF • EXWF9-5-□
EX8-4-□



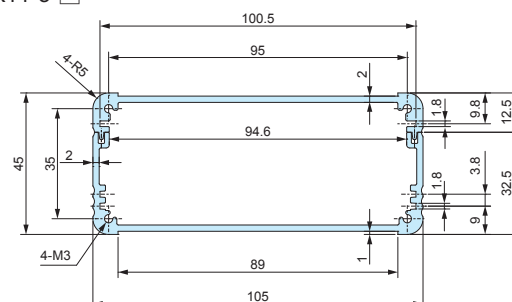
EXP • EXPE • EXW • EXPF • EXEF • EXWF9-6-□
EX8-6-□



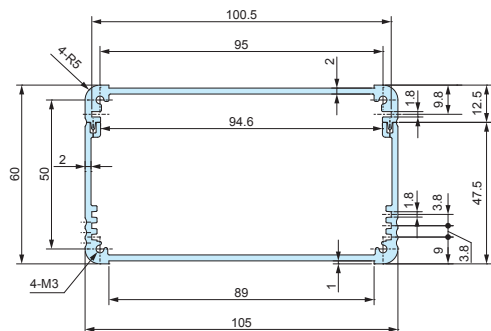
EXP • EXPE • EXW12-4-□
EXPF • EXEF • EXWF11-4-□
EX11-3-□



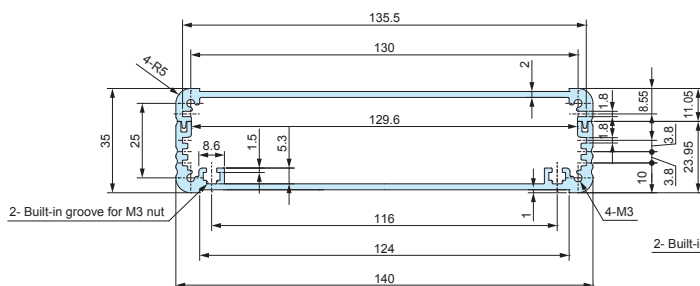
EXP • EXPE • EXW12-6-□
EXPF • EXEF • EXWF11-6-□
EX11-5-□



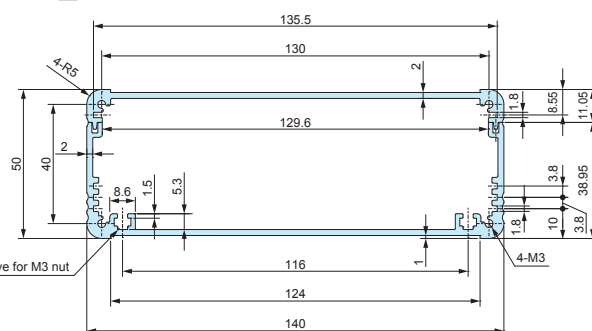
EXP • EXPE • EXW12-7-□
 EXPF • EXEF • EXWF11-7-□
 EX11-6-□



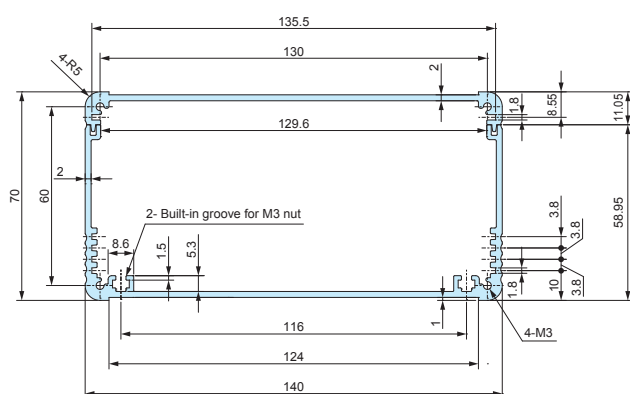
EXP • EXPE • EXW • EXPF • EXEF • EXWF15-5-□
 EX14-4-□



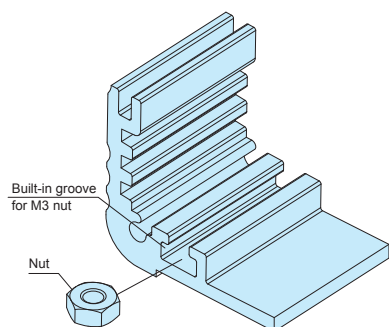
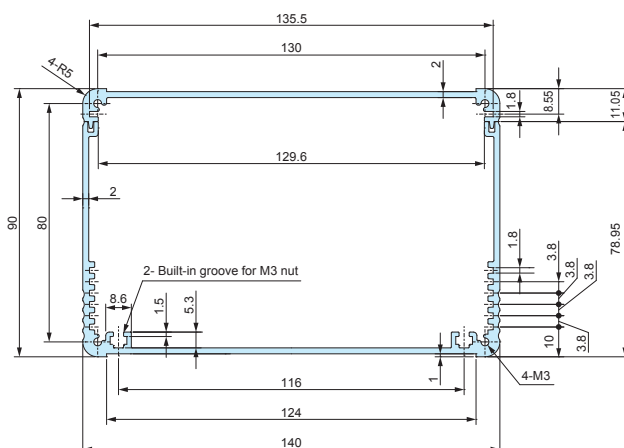
EXP • EXPE • EXW • EXPF • EXEF • EXWF15-6-□
 EX14-5-□



EXP • EXPE • EXW • EXPF • EXEF • EXWF15-8-□
 EX14-7-□

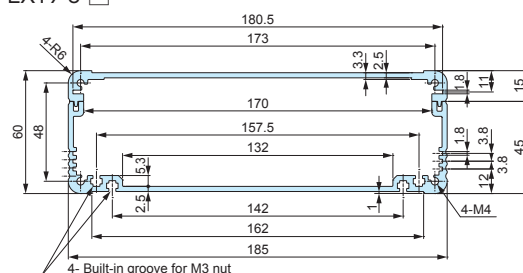


EXP • EXPE • EXW • EXPF • EXEF • EXWF15-10-□
 EX14-9-□



■ Optional sliding nut is available to be used for width 140mm or larger bottom covers.

EXPT • EXP • EXPE20-7-☐
EXPF • EXEF • EXWF20-8-☐
EX19-6-☐



EXPT • EXP • EXPE • EXPF • EXEF • EXWF20-12-☐
EX19-11-☐

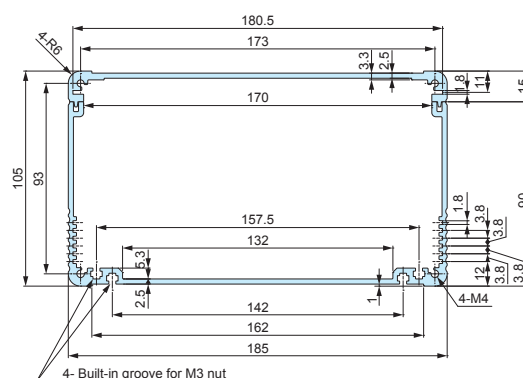
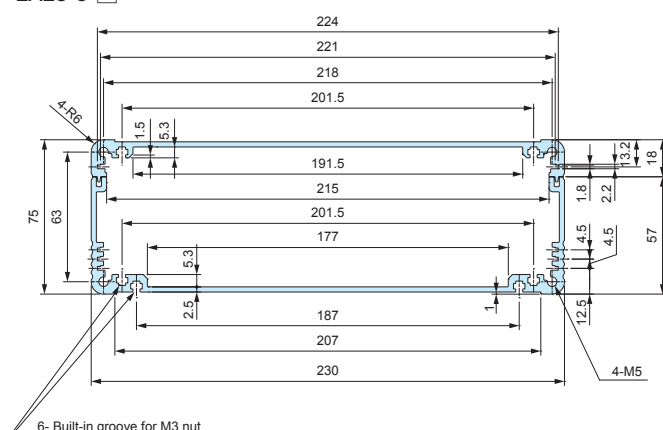


Diagram illustrating a built-in groove for an M3 nut. The groove is shown in the side profile of the component, and a separate view shows the nut being inserted into the groove.

EXPT • EXP • EXPE • EXPF • EXEF • EXWF24-9-☐
EX23-8-☐



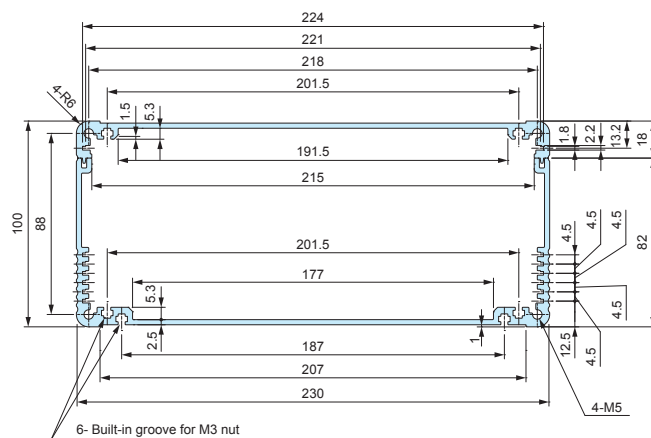
Profilübersicht Ober- und Unterschale

EXP - EXPE - EXPF - EXEF - EX

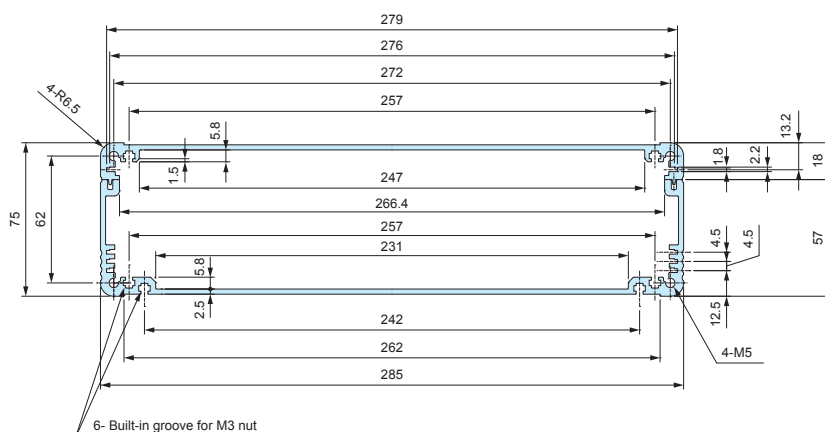
Cross-section View

EXP - EXPE - EXPF - EXEF - EX top / bottom covers

EXPT • EXP • EXPE24-11-□
 EXPF • EXEF • EXWF24-12-□
 EX23-10-□



EXPT • EXP • EXPE • EXPF • EXEF • EXWF30-9-□
 EX29-8-□



EXPT • EXP • EXPE • EXPF • EXEF • EXWF30-14-□
 EX29-13-□

