aluCASE



Premium-Gehäuse
aus Aluminium

Premium enclosures
made of aluminium

Premiumbehuizingen
van aluminium

aluCASE

Premium-Gehäuse aus Aluminium
Premium aluminium enclosures
Designbehuizingen van aluminium

mehrWERT

1. Integrierte Vertiefungen für Folientastaturen
2. Befestigung bei geschlossenen Gehäusen
3. Designblenden für perfektes Aussehen
4. Integrierte Deckelhalterungen
5. Außenscharniere ohne sichtbare Schrauben
6. Zugangssicherung durch Steckschloss



addedVALUE

1. *Integrated recesses for membrane keypads*
2. *Enclosure can be installed after closing*
3. *Design covers for screwless appearance*
4. *Integrated lid supports*
5. *Exterior hinges without visible screws*
6. *Access is safeguarded by means of insert lock*



toegevoegdeWAARDE

1. Geïntegreerde verdieping voor folietoetsen-borden
2. Bevestiging met gesloten behuizingen
3. Designafdekkingen voor een perfect aanzien
4. Geïntegreerde dekselhouders
5. Buitenscharnieren zonder zichtbare schroeven
6. Toegangsbeveiliging met inlaatslot





mehrWERT durch Technik und Design

Die neuen **aluCASE** Aluminium-Gehäuse sind ein Meilenstein der Gehäuse-Geschichte.

Befestigungspunkte in Ober- und Unterteilen sorgen für die sichere Fixierung von eingebauten Komponenten.

Gehäuseoberteile haben Vertiefungen für die Aufnahme von Folientastaturen.

Integrierte Deckelhalterungen bedeutet Zugentlastung bei Verdrahtungen zwischen Gehäuse-Ober- und Unterteilen.

Befestigung der Gehäuse erfolgt mit geschlossenen Deckeln.

Aufrastbare Design-Blenden verdecken die Befestigungstechnik.

Fortschrittliche Technik in Verbindung mit elegantem Design schaffen **mehrWERT** und setzen den neuen Standard in der Gehäusetechnik.



addedVALUE from engineering and design

*The new **aluCASE** aluminium enclosures are a milestone in the history of enclosure design.*

Fixing points in the upper and lower parts provide for a secure fastening of the integrated components.

Recesses in the top of the enclosures can accomodate membrane keypads.

Integrated cover brackets provide strain relief for wiring between the enclosure's top and bottom.

Fastening of the enclosures is effected with the lids closed.

Clip-on design covers conceal the fixing components.

*Advanced technology in combination with an elegant design create **addedVALUE** and set a new standard in enclosure technology.*



toegevoegdeWAARDE door techniek en design

De nieuwe aluCASE aluminiumbehuizingen zijn een mijlpaal in de geschiedenis van de behuizingen.

Bevestigingspunten in de bovenste en onderste delen zorgen voor de veilige fixering van de ingebouwde componenten.

De bovenste behuizingsdelen hebben verdiepingen voor de onderbrenging van folientoetsenborden.

Geïntegreerde dekselhouders zorgen voor trekontlasting bij bedradingen tussen de bovenste en onderste behuizingsdelen.

De behuizingen worden bevestigd met gesloten deksel.

De bevestigingstechniek gaat schuil achter met clips aangebrachte designafdekkingen.

Geavanceerde techniek in combinatie met een elegant design vormen de toegevoegdeWAARDE en bepalen de nieuwe standaard in de behuizingstechniek.

TECHNISCHE DATEN
aluCASE

Gehäuse
Aluminiumguss Legierung: EN AC-44300 DIN EN 1706 (GD Al Si 12/DIN 1725). Entformungsschräge 1° → Lichte Innenmaße reduzieren sich bis zum Gehäuseboden um 1° umlaufend.

Deckelschrauben
Edelstahl 1.4567, unverlierbar.

Integrierte Vertiefung
Vertiefung 1,7 mm (AC 052/054 = 1,2 mm) im Deckel für Folientastatur oder Frontplatten vorhanden. Folien-Maßangaben für Standard-Pulverbeschichtung

Integrierte Deckelhalter
PP (Polypropylen).

Designblenden aufrastbar
Standard: Kunststoff POM (Polyoxymethylen) fenstergrau RAL 7040 - optional Aluminium, silber eloxiert.

Außenscharniere
Ohne sichtbare Außenschrauben, Aluminium, silber eloxiert.

Schutzart
IP 67 / EN 60529
Optional IP 69K / DIN 40050

Dichtung
TPE-Formdichtung, silikonfrei Temperaturbeständigkeit -40°C bis +120°C, optional: Silikon-Dichtung (-50°C bis +140°C).

Oberfläche
Pulverlackierung
Fenstergrau RAL 7040
Optional: Sonderfarben.

TECHNICAL DATA
aluCASE

Enclosure
Die-cast aluminium: EN AC-44300 DIN EN 1706 (GD Al Si 12/DIN 1725). 1° mould slope for casting ejection → Internal measures diminishing circulatory towards enclosure bottom by 1°.

Lid-screws
Captive screws made of stainless steel 1.4567.

Integrated recess
1,7 mm (AC 052/054 = 1,2 mm) recess in the lid for membrane keypads and front panels. Membrane dimensions for standard powdercoated enclosures.

Integrated lid supports
PP (polypropylene).

Clip-on design covers
Standard: Plastic POM (polyoxymethylene) grey RAL 7040 - anodised aluminium on request.

Exterior hinges
Without visible screws, anodised aluminium.

Ingress protection
IP 67 / EN 60529
On request IP 69K / DIN 40050

Gasket
TPE gasket, siliconfree temperature range -40°C up to +120°C, silicon-gasket (-50°C up to +140°C) on request.

Coating
Standard powder coated grey RAL 7040
On request: special colours.

TECHNISCHE GEGEVENS
aluCASE

Behuizing
Gietaluminiumlegering: EN AC-44300 DIN EN 1706 (GD Al Si 12/DIN 1725). Afschuining 1° → binnenwerkse maten reduceren zich rondom tot de behuizingsbodem met 1°.

Dekselbouten
Roestvrij staal 1.4567, niet verliesbaar.

Geïntegreerde verdieping
Verdieping 1,7 mm (AC 052/054 = 1,2 mm) in het deksel aanwezig voor folietoetsenbord of frontplaten. Foliematen voor standard gemoffeld behuizingen

Geïntegreerde dekselhouder
PP (polypropyleen).

Designafdekkingen clipsbaar
Standaard: kunststof POM (polyoxymethyleen) venstergrijs RAL 7040 – op aanvraag aluminium, zilver geëloxeerd.

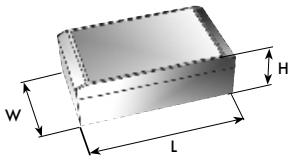
Buitenscharnieren
Zonder zichtbare buitenschroeven, aluminium, zilver geëloxeerd.

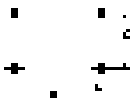
Beschermklasse
IP 67 / EN 60529
Op aanvraag IP 69K / DIN 40050

Afdichting
TPE vormafdichting, vrij van silicone temperatuurbestendigheid -40°C tot +120°C. Op aanvraag silicone afdichting (-50°C tot +140°C).

Kleur
Gemoffeld
Venstergrijs RL 7040
Op aanvraag: speciale kleuren.







Montagemaß
Mounting dimensions
Montageafmetingen

ID Integrierte Deckelhalterungen / *Integrated lid supports* / Geïntegreerde dekselhouders

S Scharniere / *Hinges* / Scharnieren

L Korrosionsschutzlackierung / *Corrosion proof coating* / Anticorrosielak

D Silikon Deckeldichtung / *Silicon enclosure gasket* / Silicone dekselafdichting

DP Designblenden POM / *POM design covers* / Designafdekkingen POM

ST Steckschloß / *Insert lock* / Inlaatslot

EMV Abschirmung / *Shielding* / Afscherming

DA Designblenden in Aluminium / *Aluminium design covers* / Designafdekkingen van aluminium

aluCASE PLUS Schutzart IP 69K / *Ingress protection IP 69K* / Beschermklasse IP 69K

❑ Standard/*Standard*/standaard
● Lieferbar/*available*/leverbaar ○ Nicht lieferbar/*not available*/niet-leverbaar

BESTELLBEISPIEL *ORDER EXAMPLE*/BESTELVOORBEELD	Type: ACF 112 + ST + S + etc.

aluCASE

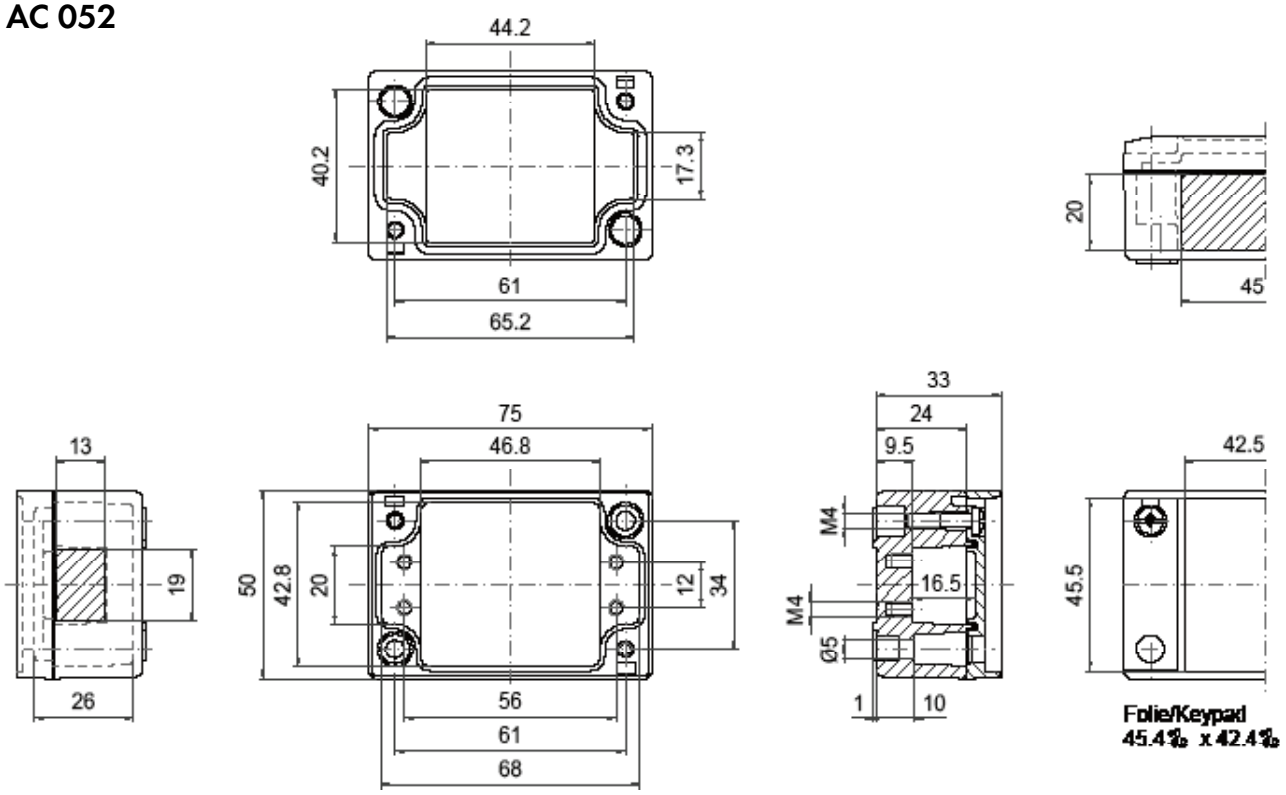
Premium-Gehäuse aus Aluminium
Premium aluminium enclosures
Premiumbehuizingen van aluminium



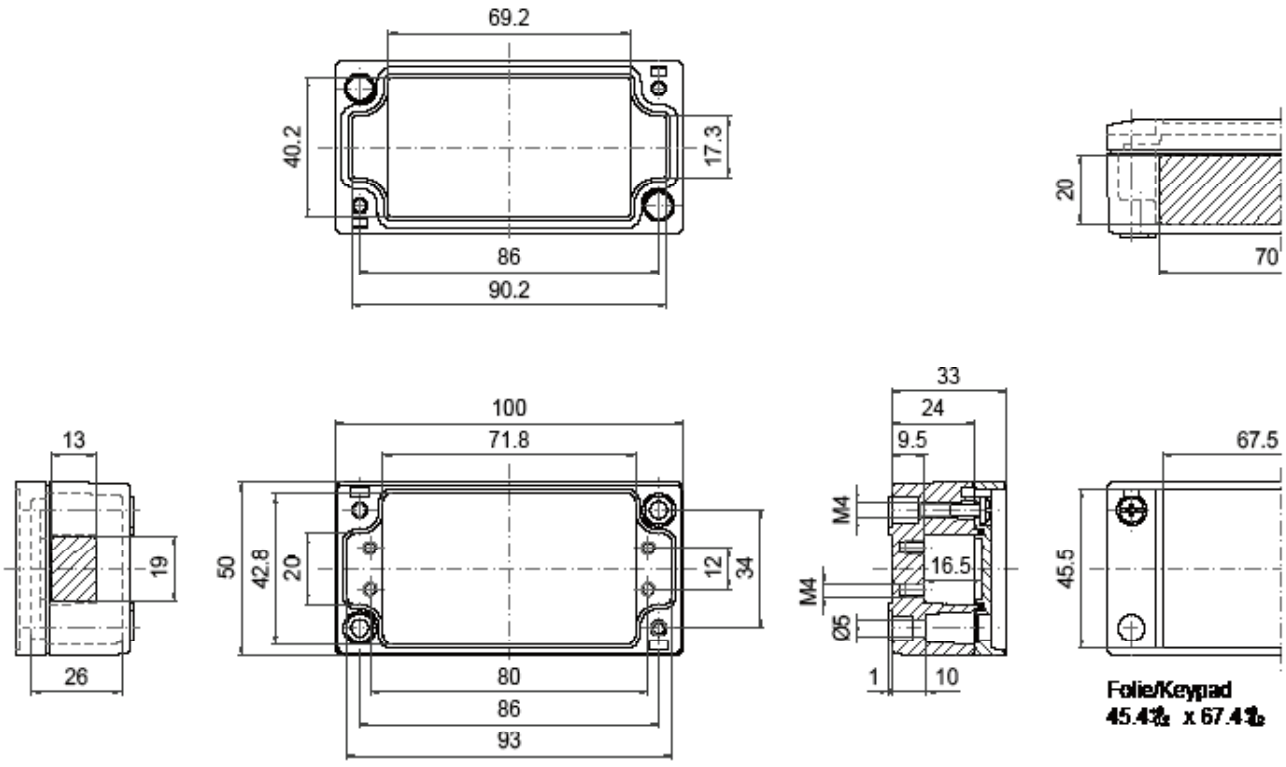
Lieferübersicht - *Range overview* - Overzichtstabel leveringen																
Type	**Mat.-Nr.**	**W**	**L**	**H**	**D**	**E**	**g**	**ID**	**DP**	**DA**	**S**	**ST**	**L**	**D**	**EMV**	**PLUS**
AC 052	191.052.000	50	75	33	61	34	134	❍	❑	❍	❍	❍	●	●	●	●
AC 054	191.054.000	50	100	33	86	34	166	❍	❑	❍	❍	❍	●	●	●	●
AC 070	191.070.000	70	100	50	84	33	328	❍	❑	❍	❍	❍	●	●	●	●
AC 072	191.072.000	70	140	50	124	33	411	❍	❑	❍	❍	❍	●	●	●	●
AC 074	191.074.000	70	180	50	164	33	495	❍	❑	❍	❍	❍	●	●	●	●
AC 090	191.090.000	90	120	60	102	40	580	❑	❑	●	❍	❍	●	●	●	●
AC 092	191.092.000	90	160	60	142	40	680	❑	❑	●	❍	❍	●	●	●	●
AC 094	191.094.000	90	250	60	232	40	861	❑	❑	●	❍	❍	●	●	●	●
ACF 110	190.110.000	110	140	60	122	60	700	❑	❑	●	●	●	●	●	●	●
ACF 112	190.112.000	110	200	60	182	60	880	❑	❑	●	●	●	●	●	●	●
ACF 130	190.130.000	130	160	70	142	80	910	❑	❑	●	●	●	●	●	●	●
ACF 132	190.132.000	130	220	70	202	80	1.130	❑	❑	●	●	●	●	●	●	●
ACF 150	190.150.000	150	180	60	162	100	968	❑	❑	●	●	●	●	●	●	●
AC 150	191.150.000	150	180	90	162	100	1.216	❑	❑	●	●	●	●	●	●	●
ACF 152	190.152.000	150	260	60	242	100	1.273	❑	❑	●	●	●	●	●	●	●
AC 152	191.152.000	150	260	90	242	100	1.569	❑	❑	●	●	●	●	●	●	●
ACF 170	190.170.000	170	200	60	182	120	1.096	❑	❑	●	●	●	●	●	●	●
AC 170	191.170.000	170	200	90	182	120	1.430	❑	❑	●	●	●	●	●	●	●
ACF 172	190.172.000	170	280	60	262	120	1.471	❑	❑	●	●	●	●	●	●	●
AC 172	191.172.000	170	280	90	262	120	1.789	❑	❑	●	●	●	●	●	●	●
AC 200	191.200.100	200	230	120	212	144	2.005	❑	❍	❑	●	●	●	●	●	●
AC 202	191.202.100	200	330	120	312	144	2.328	❑	❍	❑	●	●	●	●	●	●

aluCASE

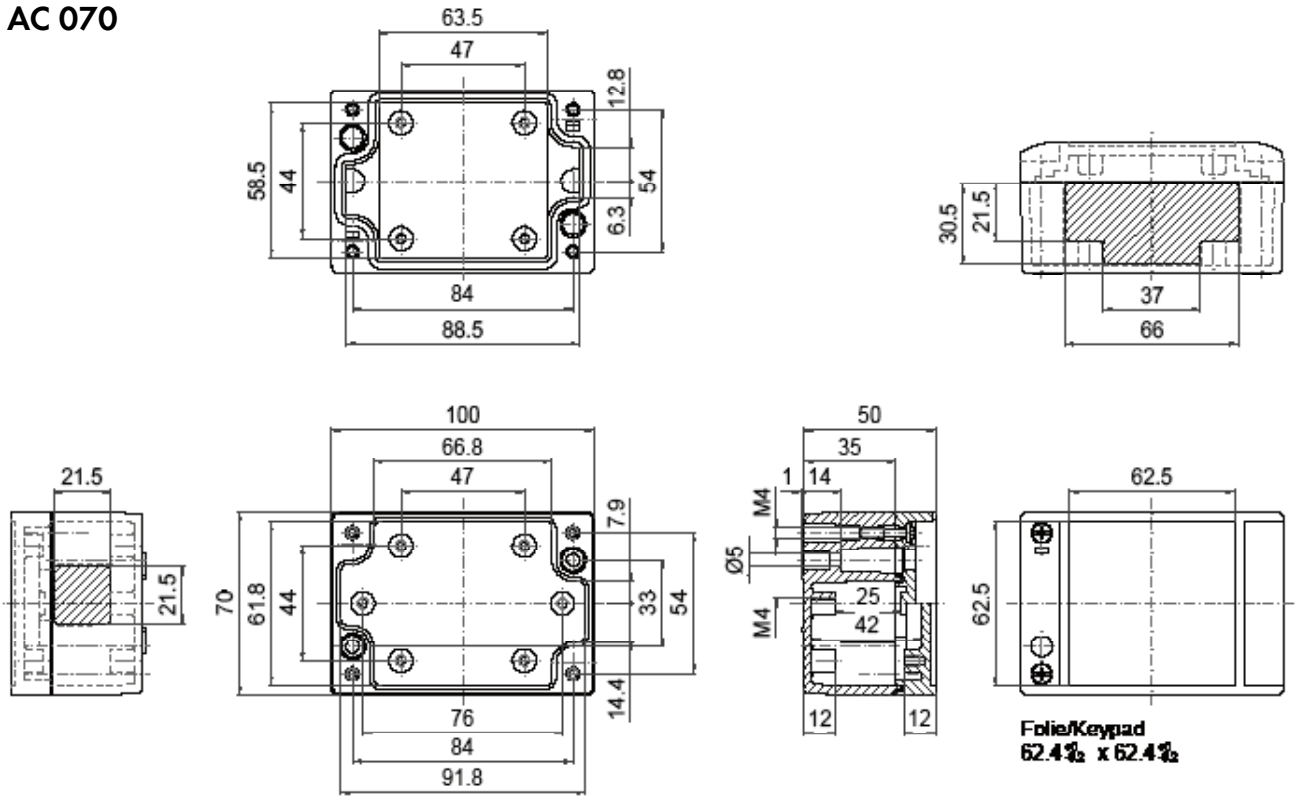
AC 052



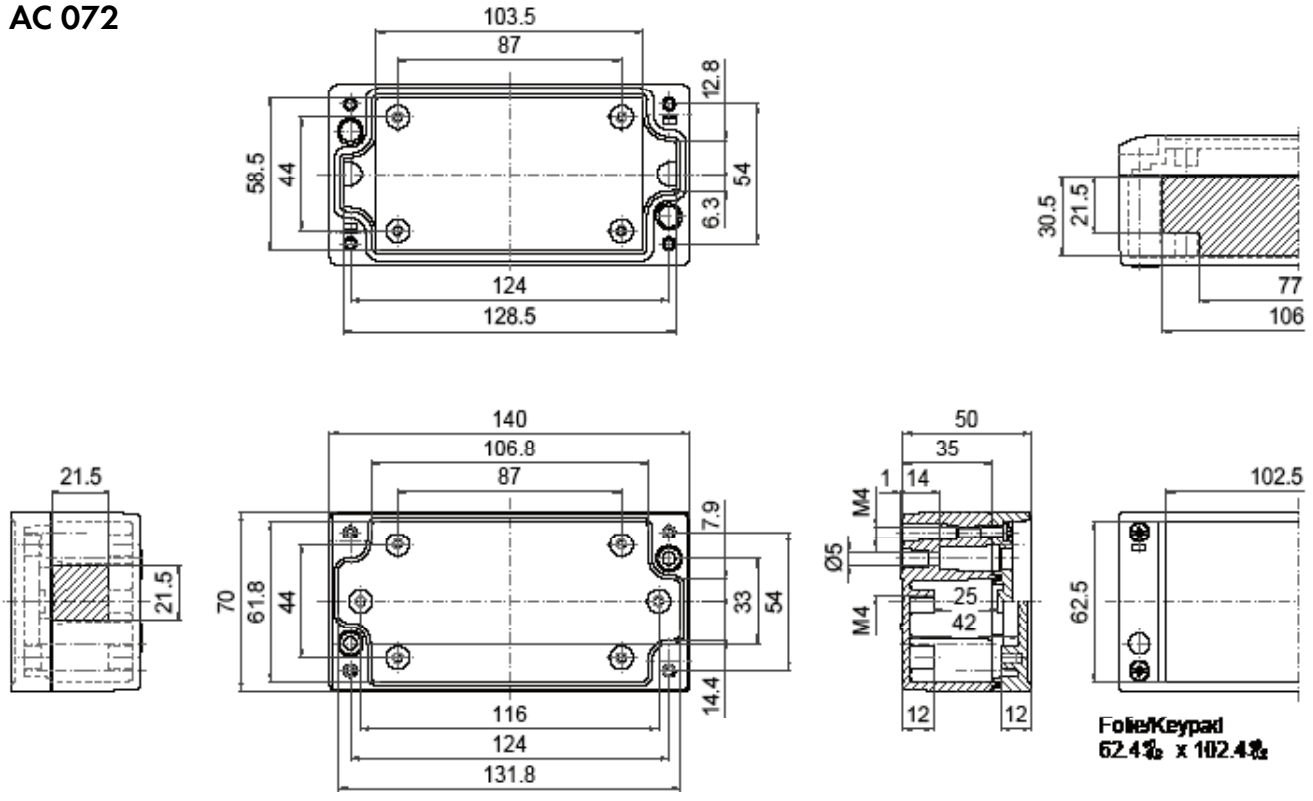
AC 054



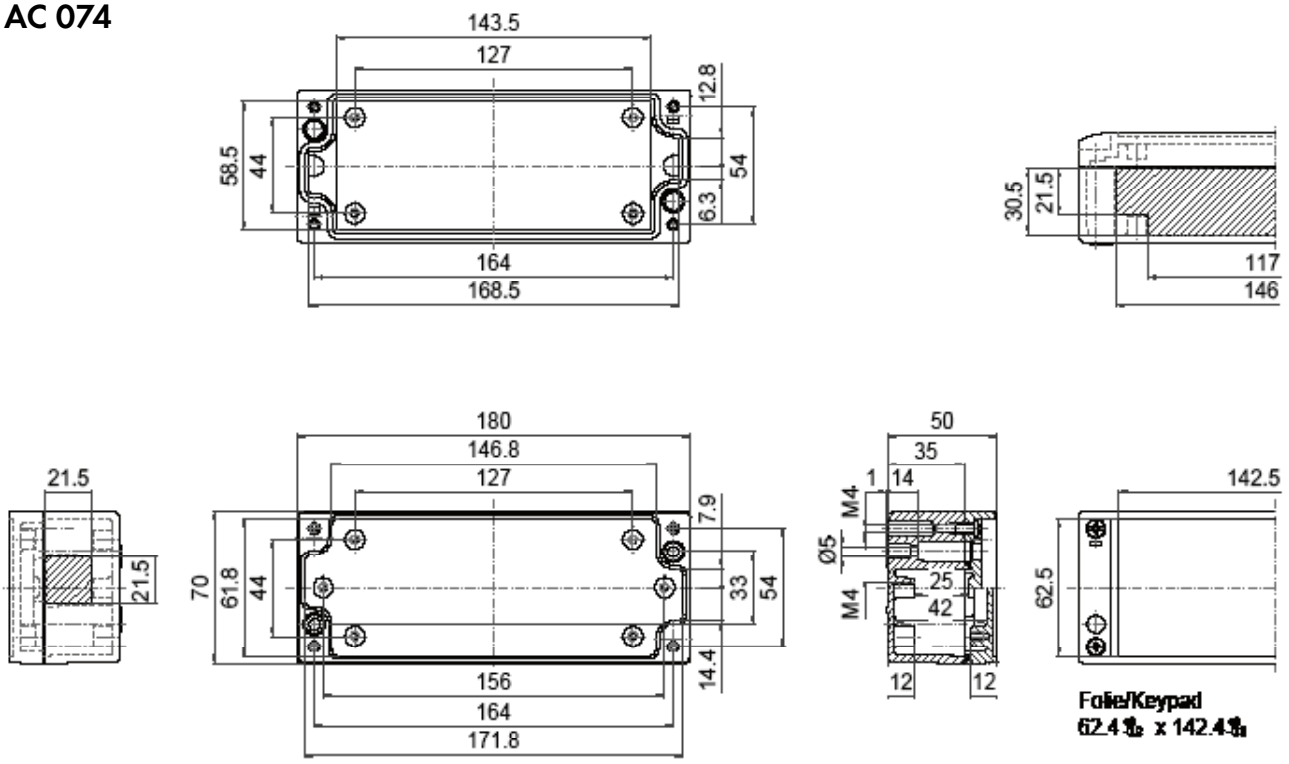
AC 070


63.5
47
12.8
58.5
44
54
6.3
84
88.5
30.5
21.5
37
66
21.5
21.5
100
66.8
47
7.9
70
61.8
44
33
54
14.4
76
84
91.8
50
35
1
14
M4
Ø5
M4
25
42
12
12
62.5
62.5
Folie/Keypad
62.4½ x 62.4½

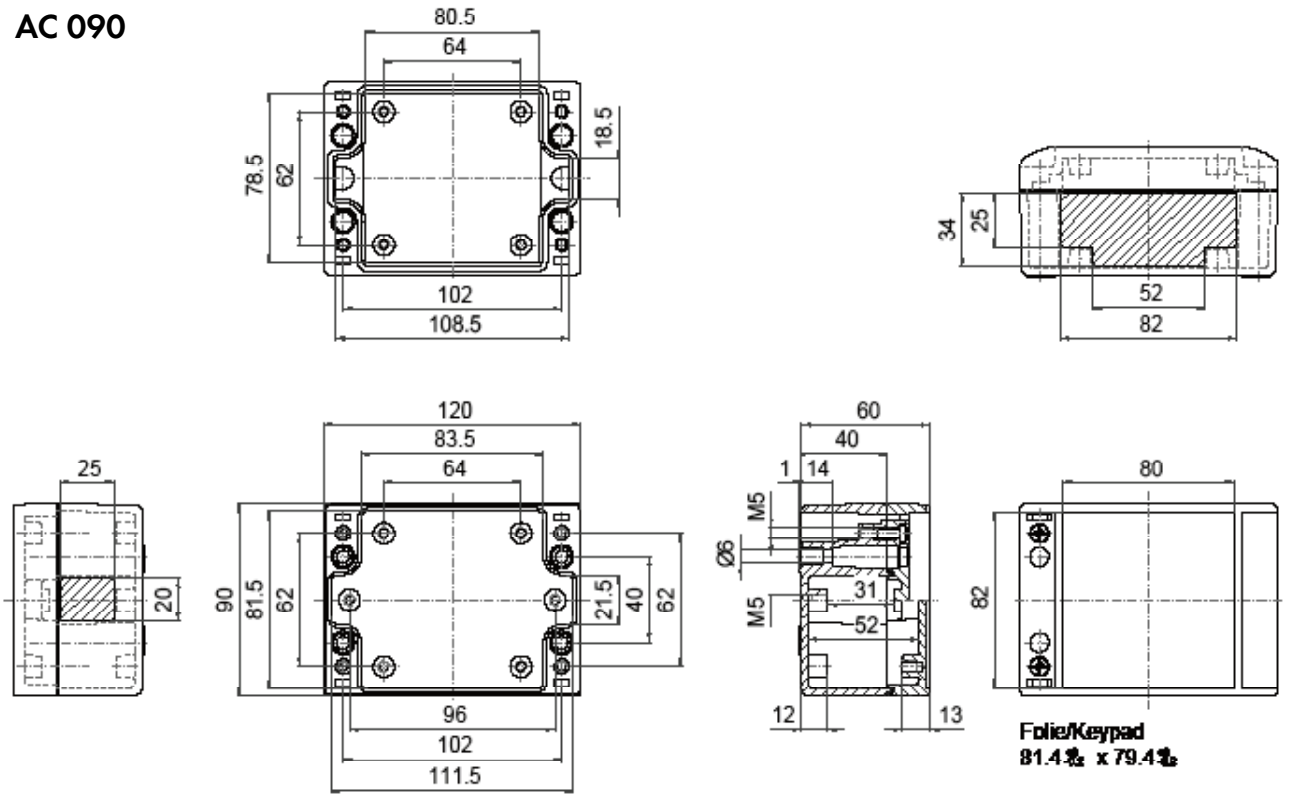
AC 072


103.5
87
12.8
58.5
44
54
6.3
124
128.5
30.5
21.5
77
106
21.5
21.5
140
106.8
87
7.9
70
61.8
44
33
54
14.4
116
124
131.8
50
35
1
14
M4
Ø5
M4
25
42
12
12
102.5
62.5
Folie/Keypad
62.4½ x 102.4½

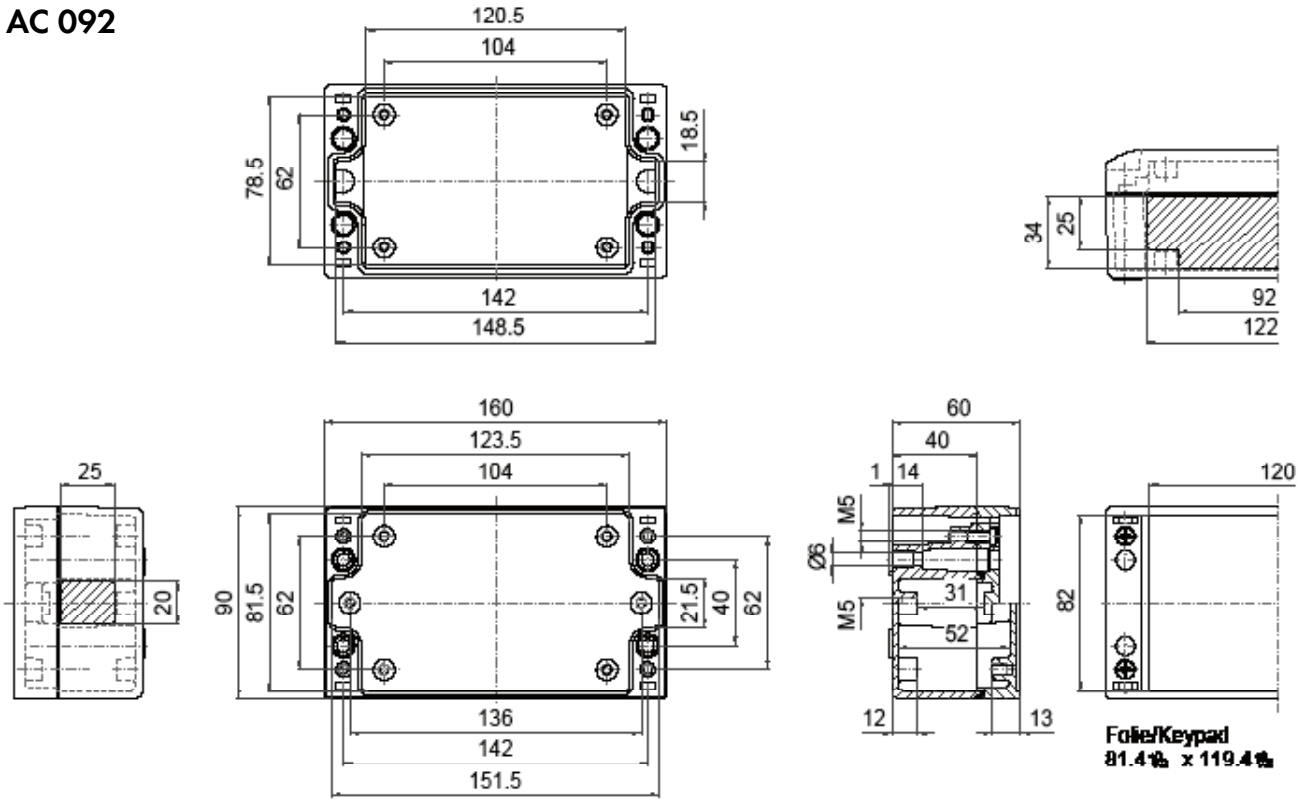
AC 074


143.5
127
12.8
58.5
44
54
6.3
164
168.5
30.5
21.5
117
146
180
146.8
127
7.9
21.5
70
61.8
44
33
54
14.4
156
164
171.8
50
35
1
14
M4
Ø5
M4
25
42
12
12
142.5
62.5
Folie/Keypad
62.4 x 142.4

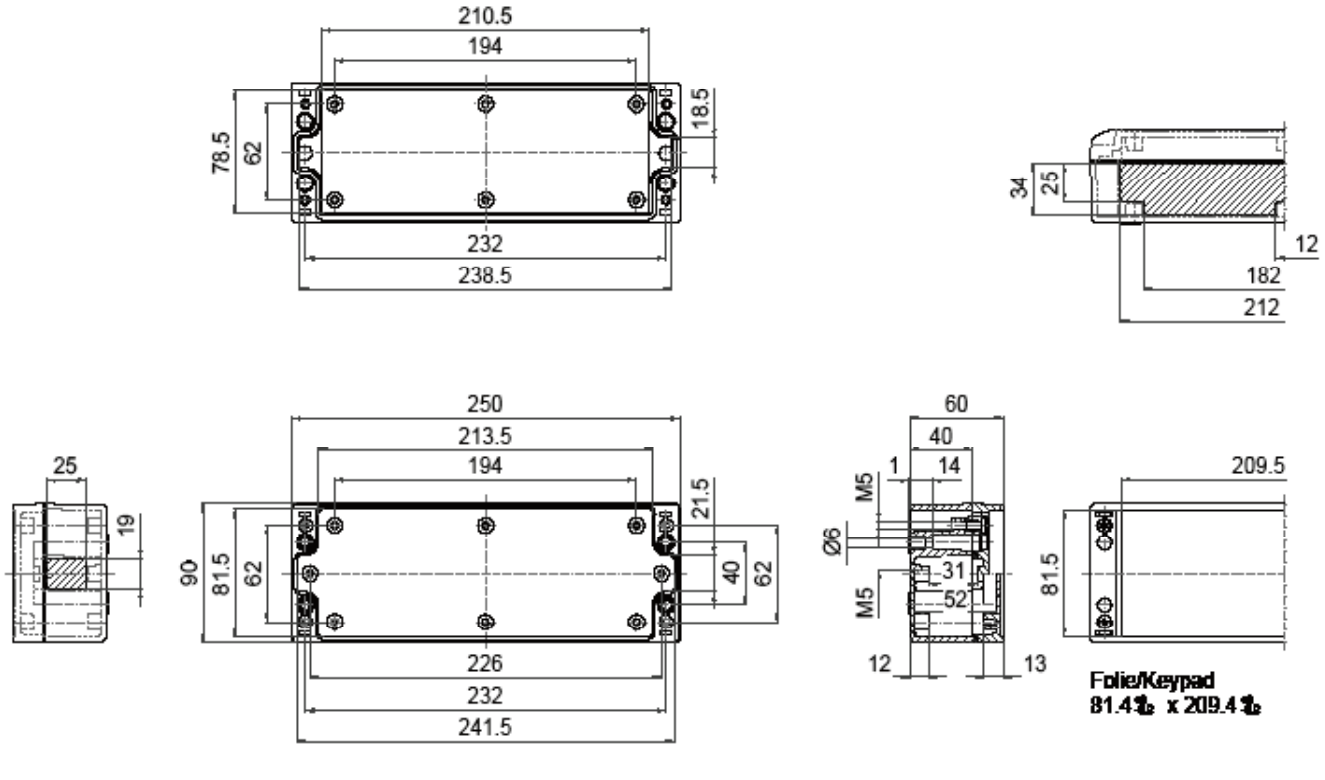
AC 090


80.5
64
18.5
78.5
62
102
108.5
34
25
52
82
120
83.5
64
25
20
90
81.5
62
21.5
40
62
96
102
111.5
60
40
1
14
M5
Ø6
M5
31
52
12
13
80
82
Folie/Keypad
81.4 x 79.4

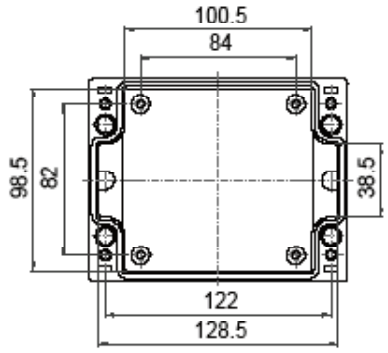
AC 092

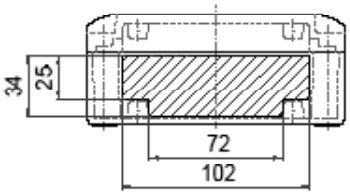

120.5
104
78.5
62
18.5
142
148.5
34
25
92
122
160
123.5
104
25
20
90
81.5
62
21.5
40
62
136
142
151.5
60
40
1
14
M5
Ø6
M5
31
52
12
13
120
82
Folie/Keypad
81.4 x 119.4

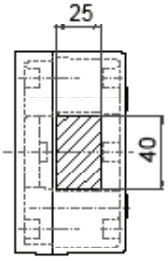
AC 094

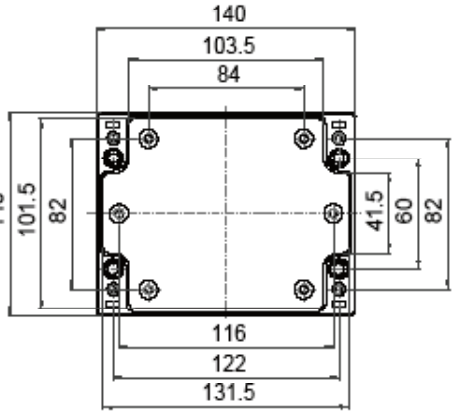

210.5
194
78.5
62
18.5
232
238.5
34
25
12
182
212
250
213.5
194
25
19
90
81.5
62
21.5
40
62
226
232
241.5
60
40
1
14
M5
Ø6
M5
31
52
12
13
209.5
81.5
Folie/Keypad
81.4 x 209.4

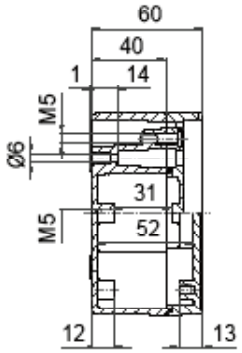
ACF 110

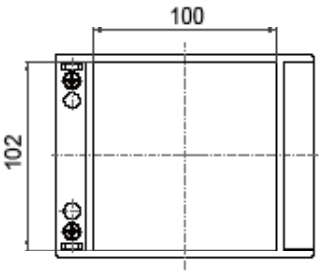






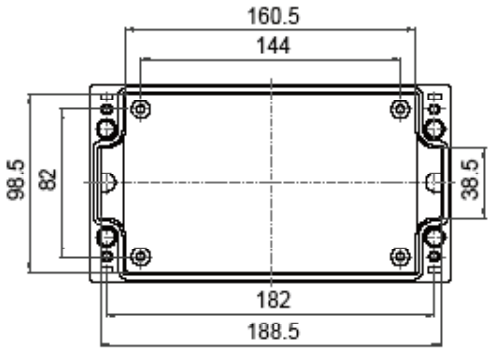


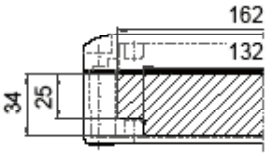


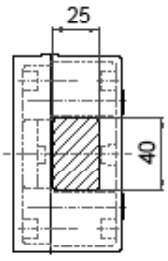


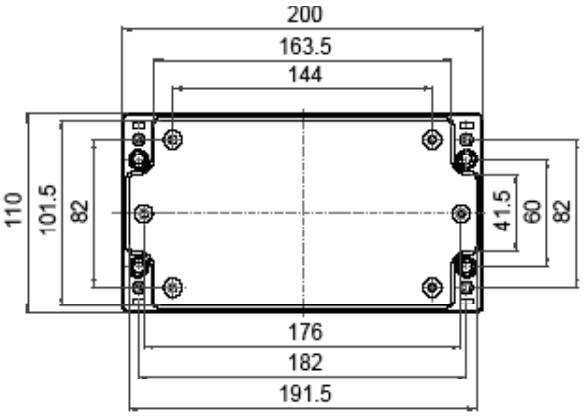
Folie/Keypad
101.4 x 99.4

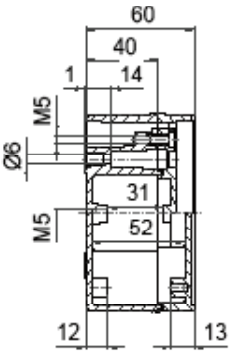
ACF 112

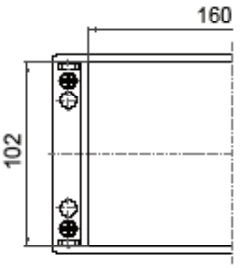






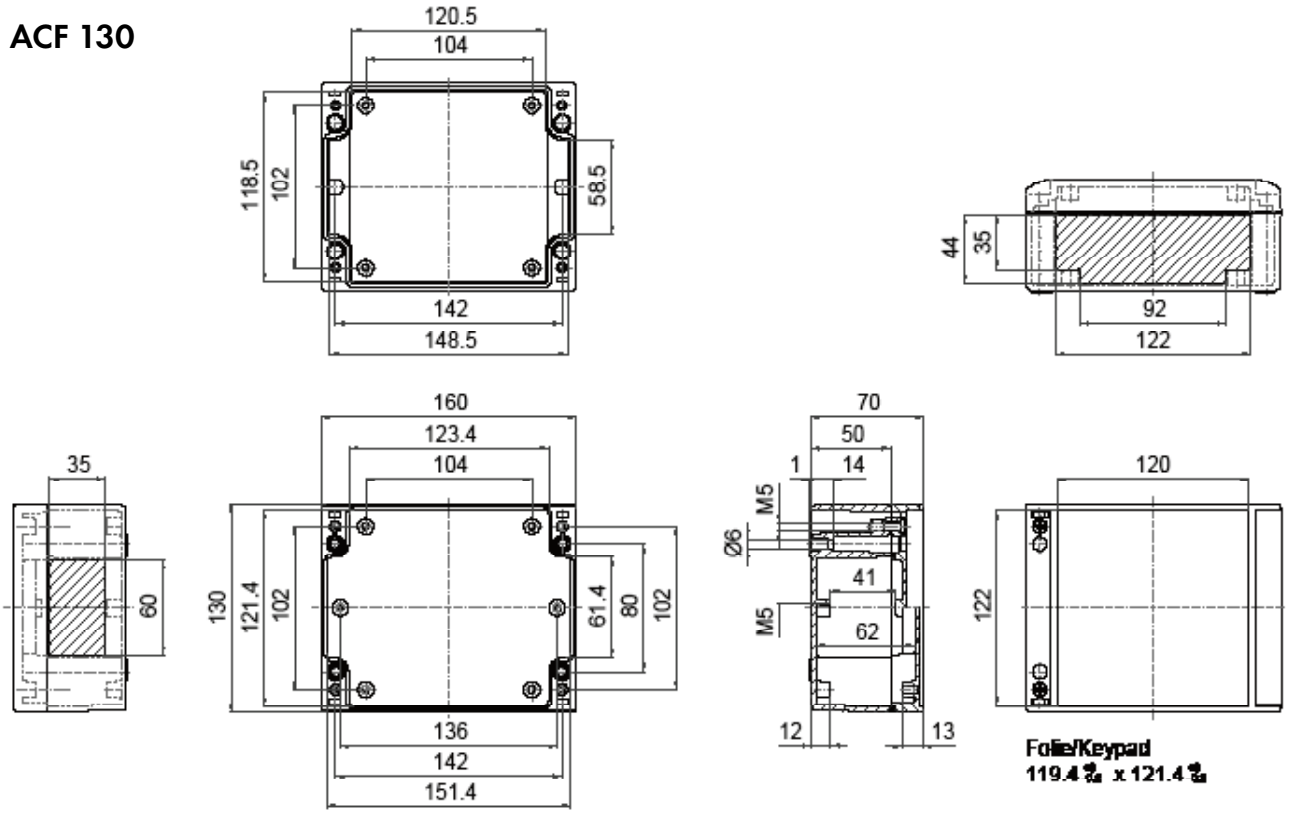




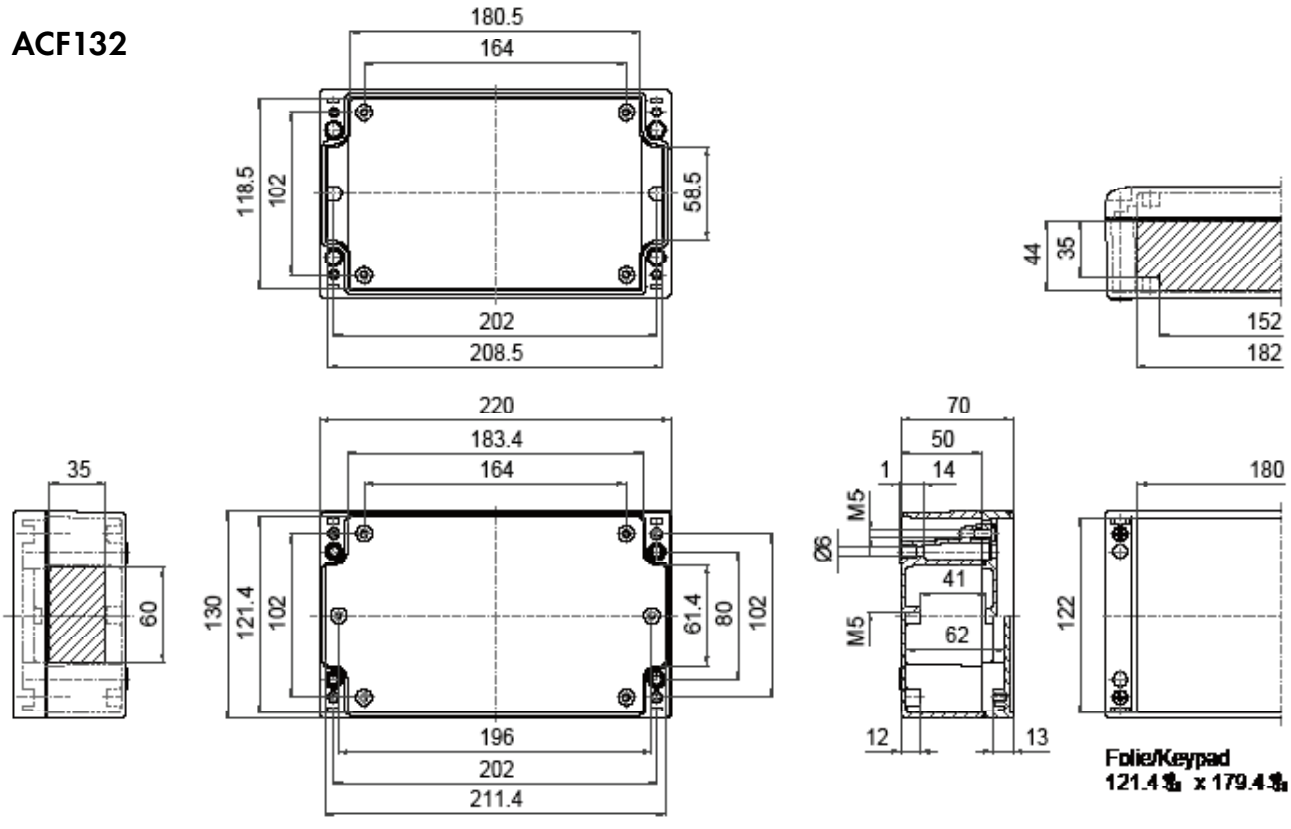


Folie/Keypad
101.4 x 159.4

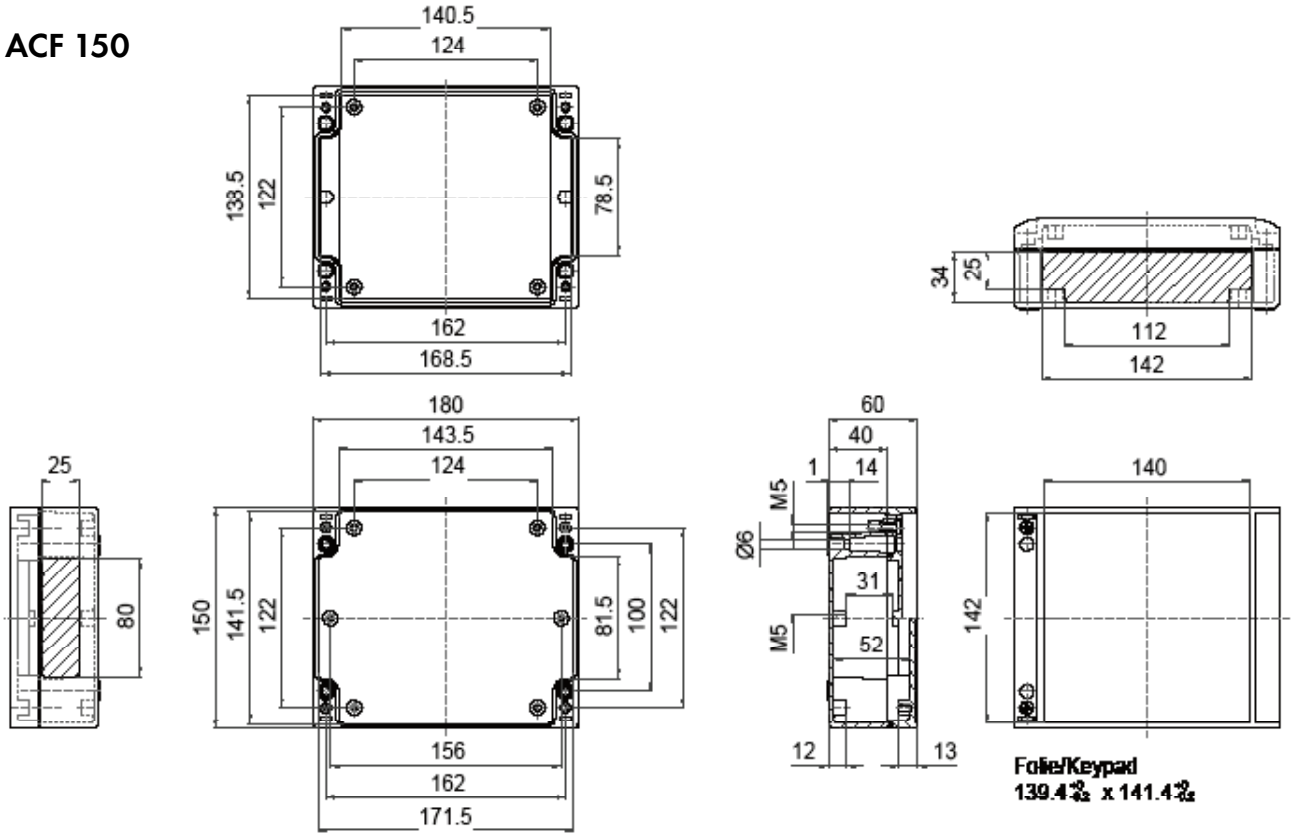
ACF 130



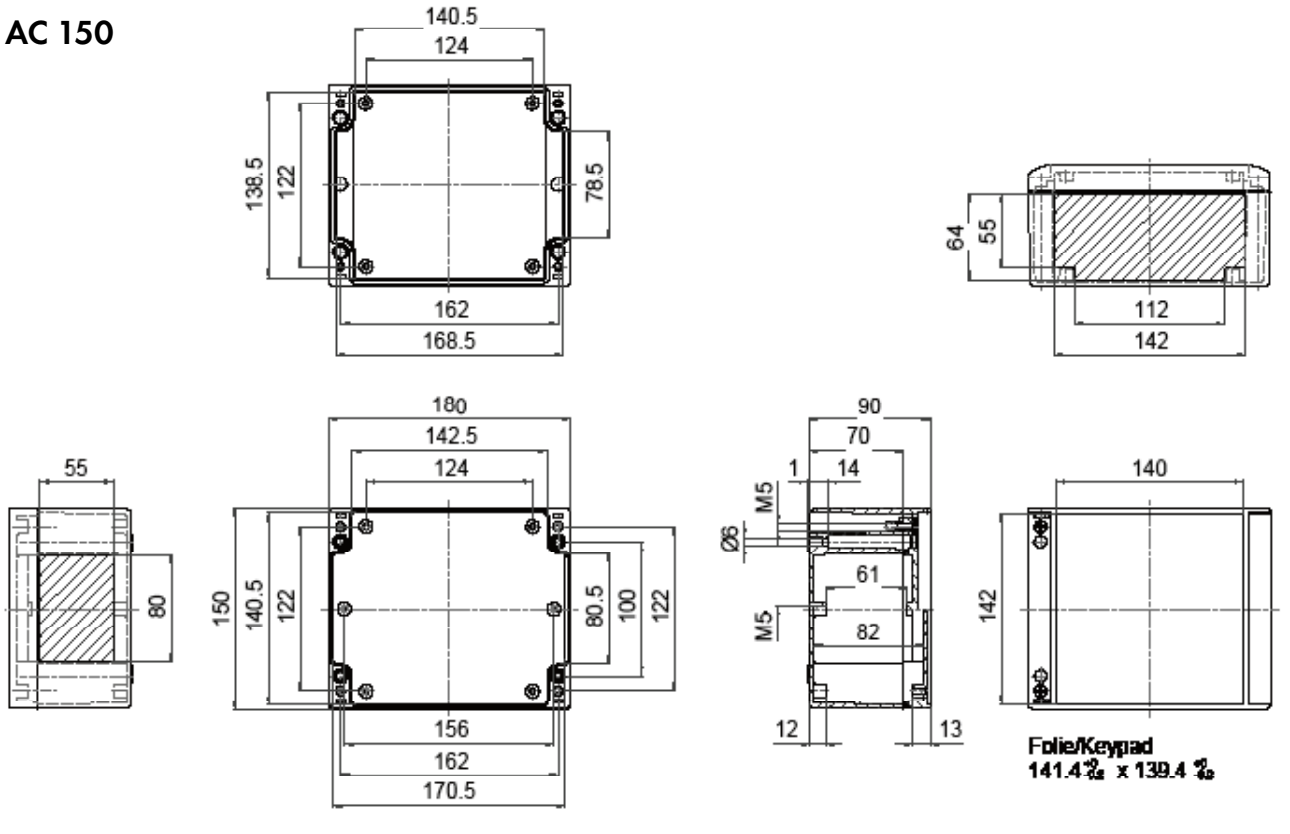
ACF132



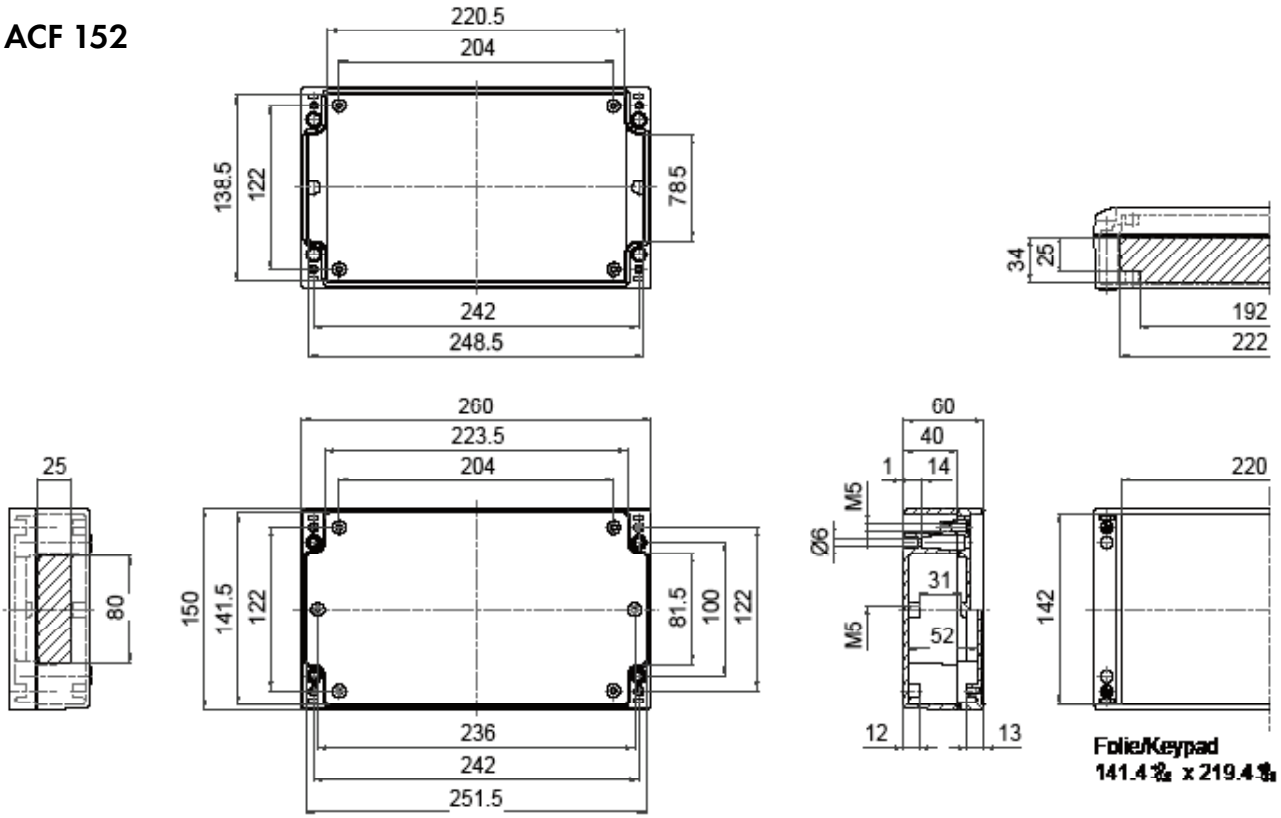
ACF 150



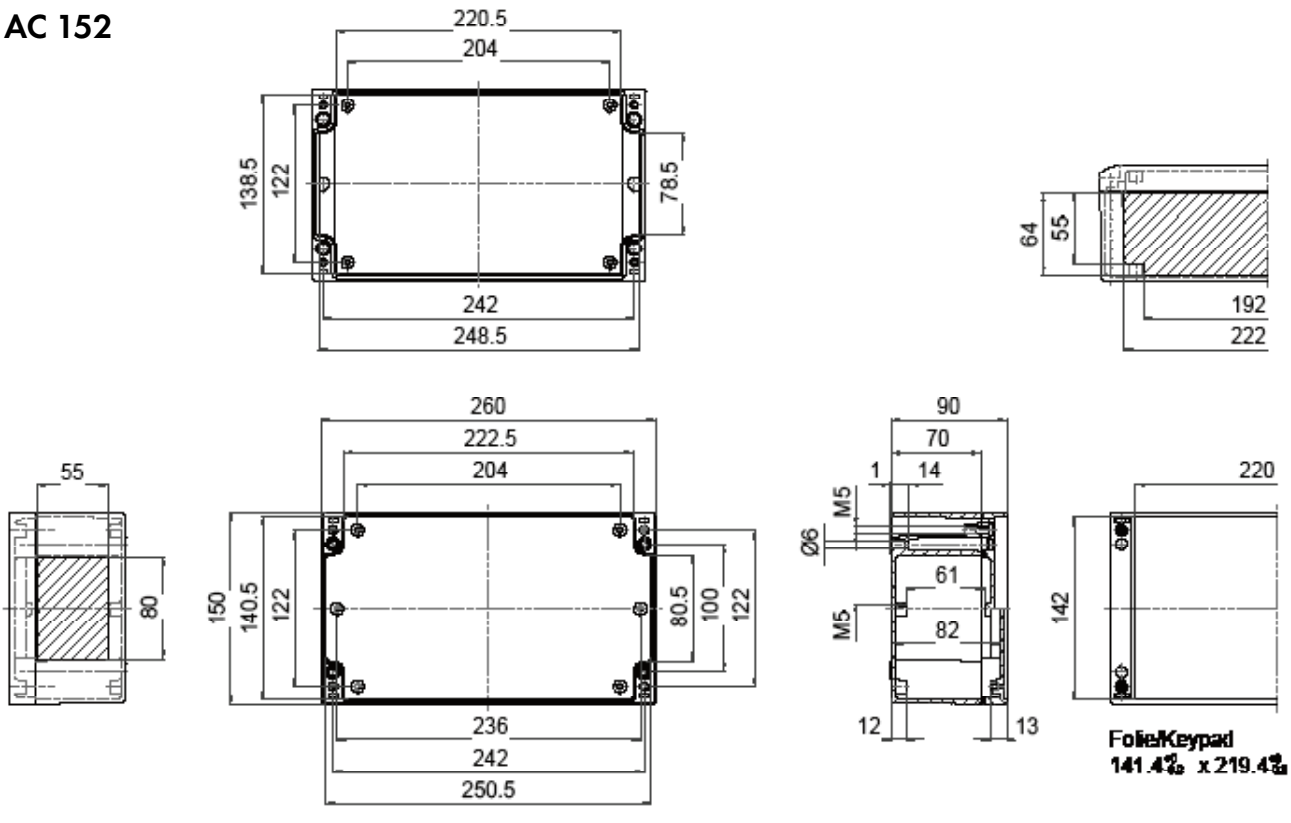
AC 150



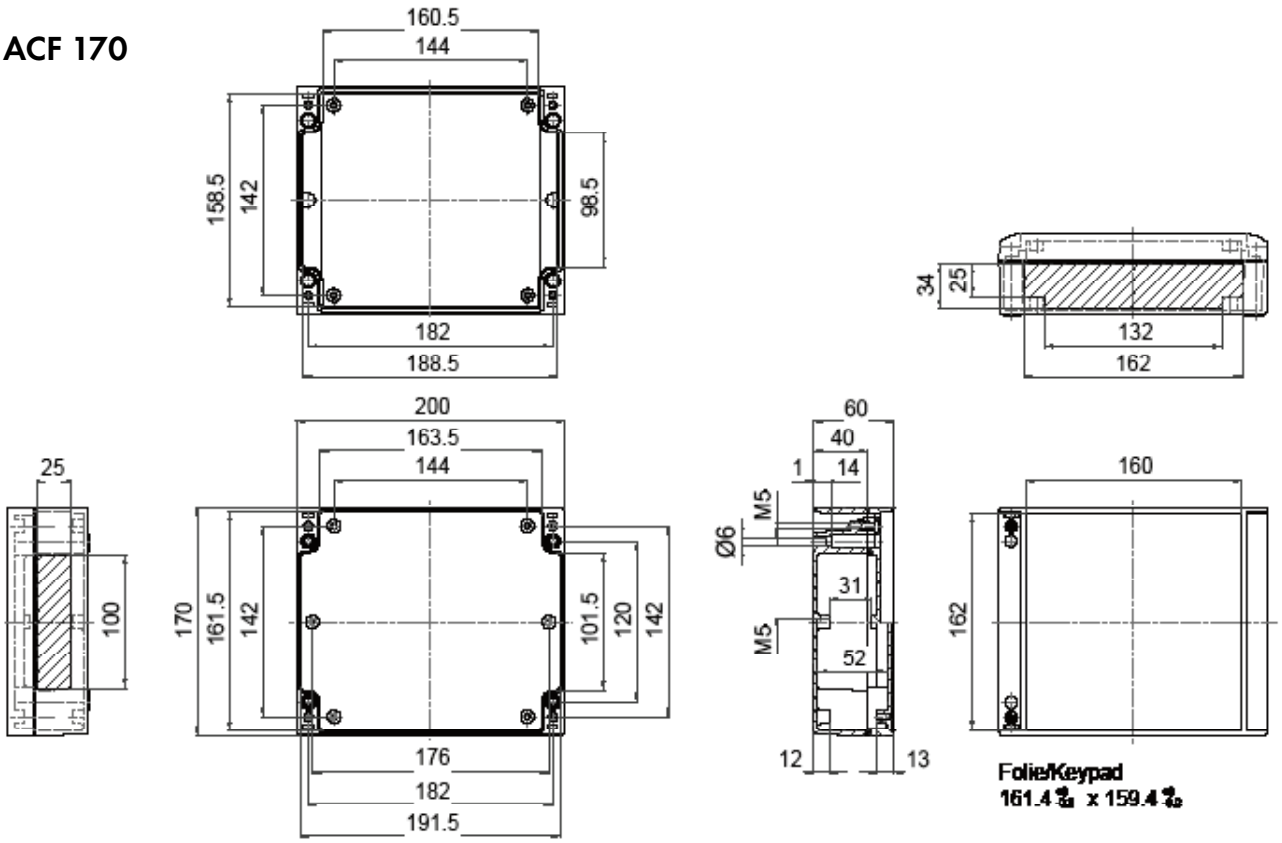
ACF 152



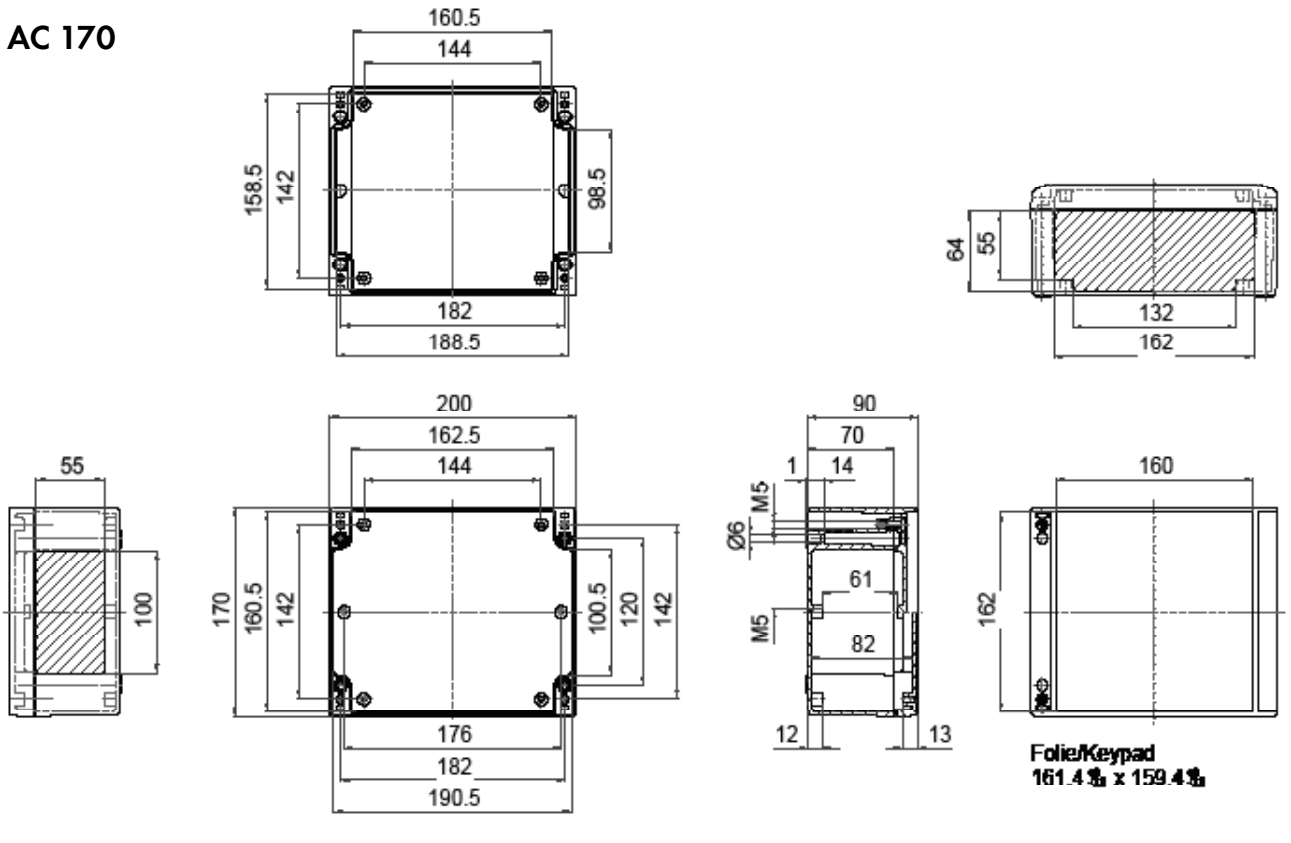
AC 152



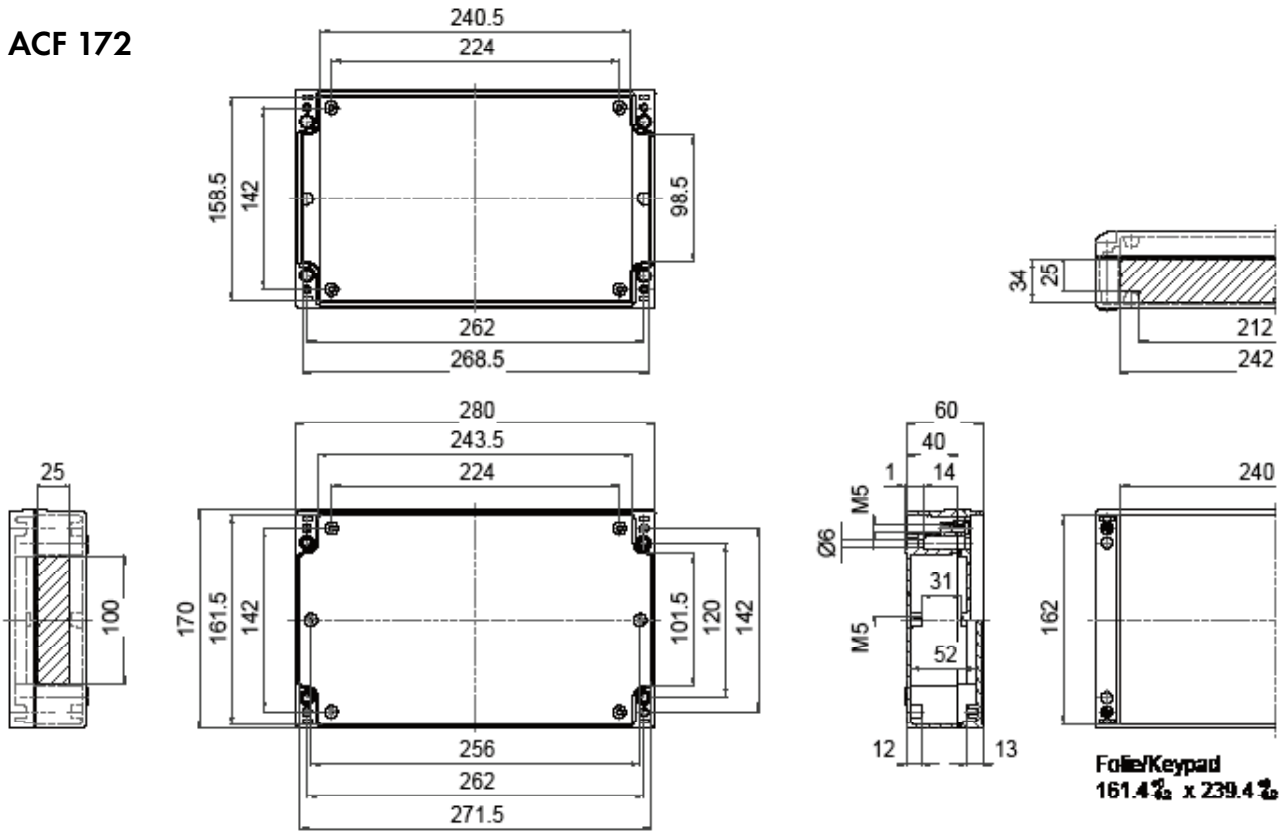
ACF 170



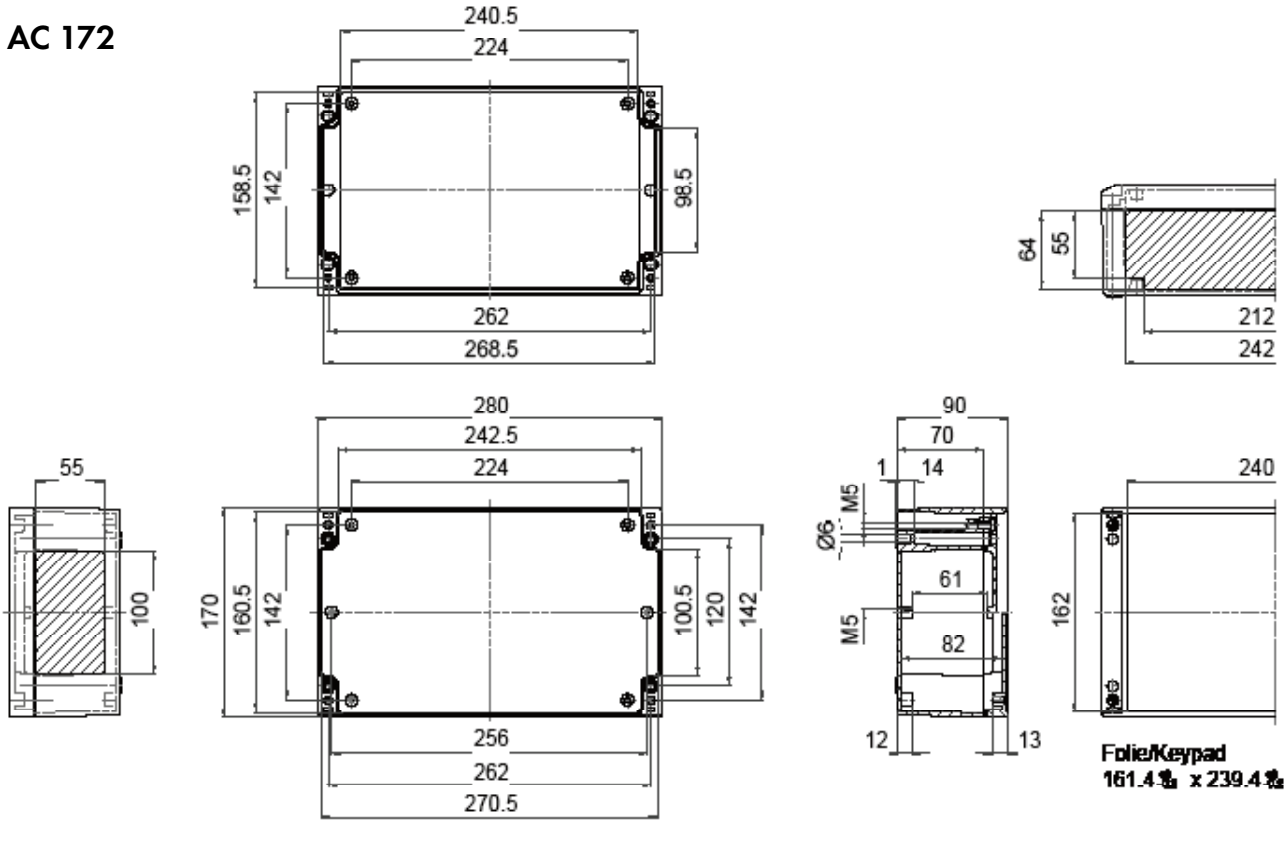
AC 170



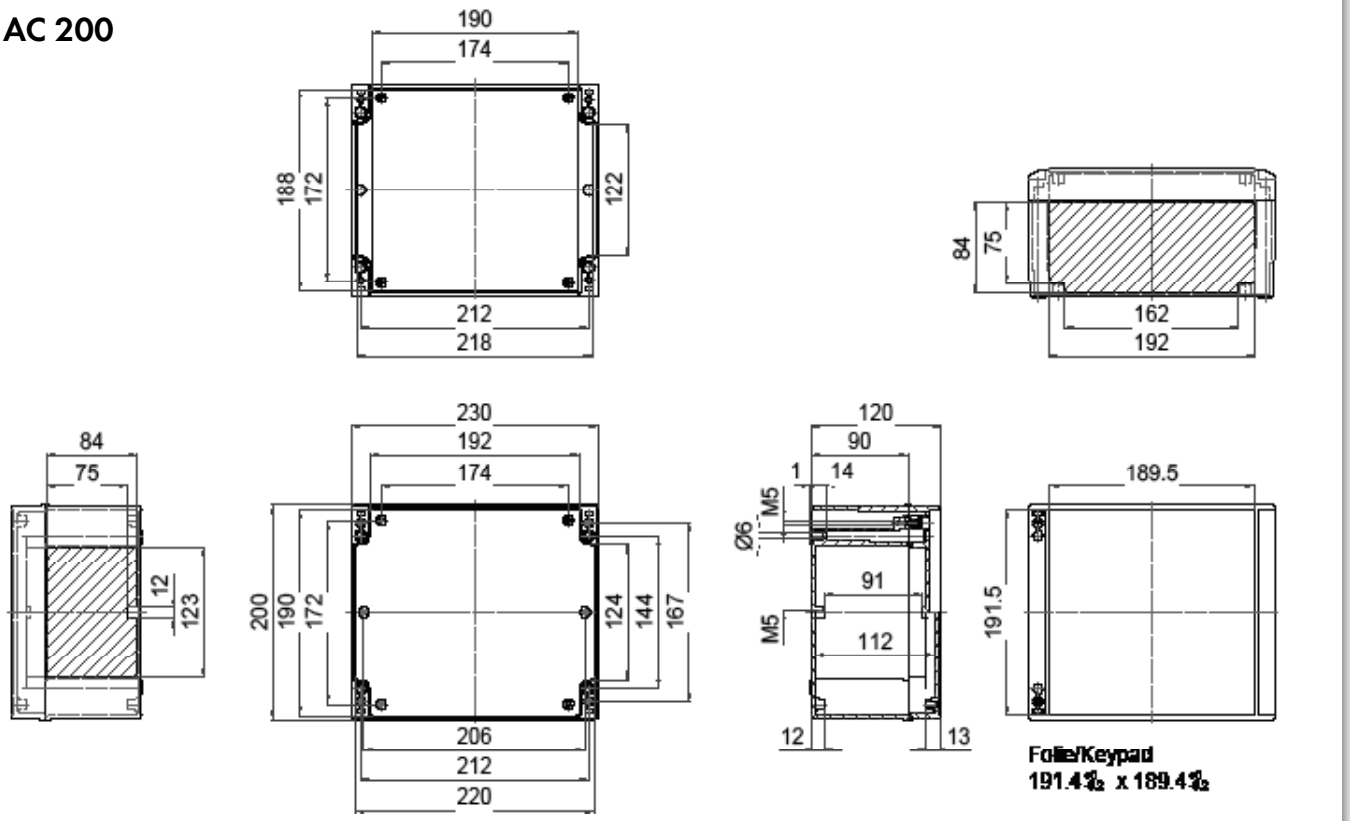
ACF 172



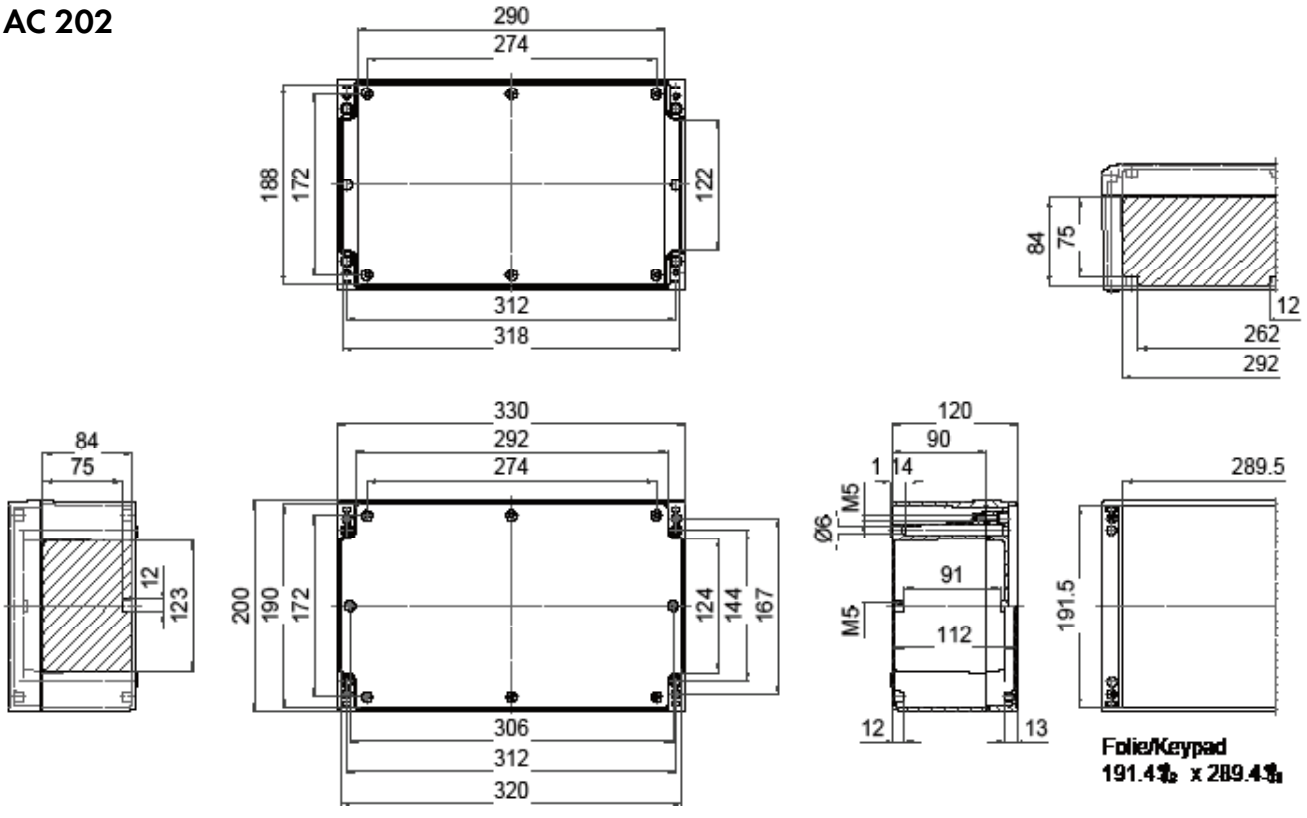
AC 172



AC 200


190
174
188
172
122
212
218
84
75
162
192
84
75
12
123
230
192
174
200
190
172
124
144
167
206
212
220
120
90
1
14
Ø6
M5
91
M5
112
12
13
189.5
191.5
Folie/Keypad
191.4½ x 189.4½

AC 202


290
274
188
172
122
312
318
84
75
12
262
292
84
75
12
123
330
292
274
200
190
172
124
144
167
306
312
320
120
90
1
14
Ø6
M5
91
M5
112
12
13
289.5
191.5
Folie/Keypad
191.4½ x 289.4½