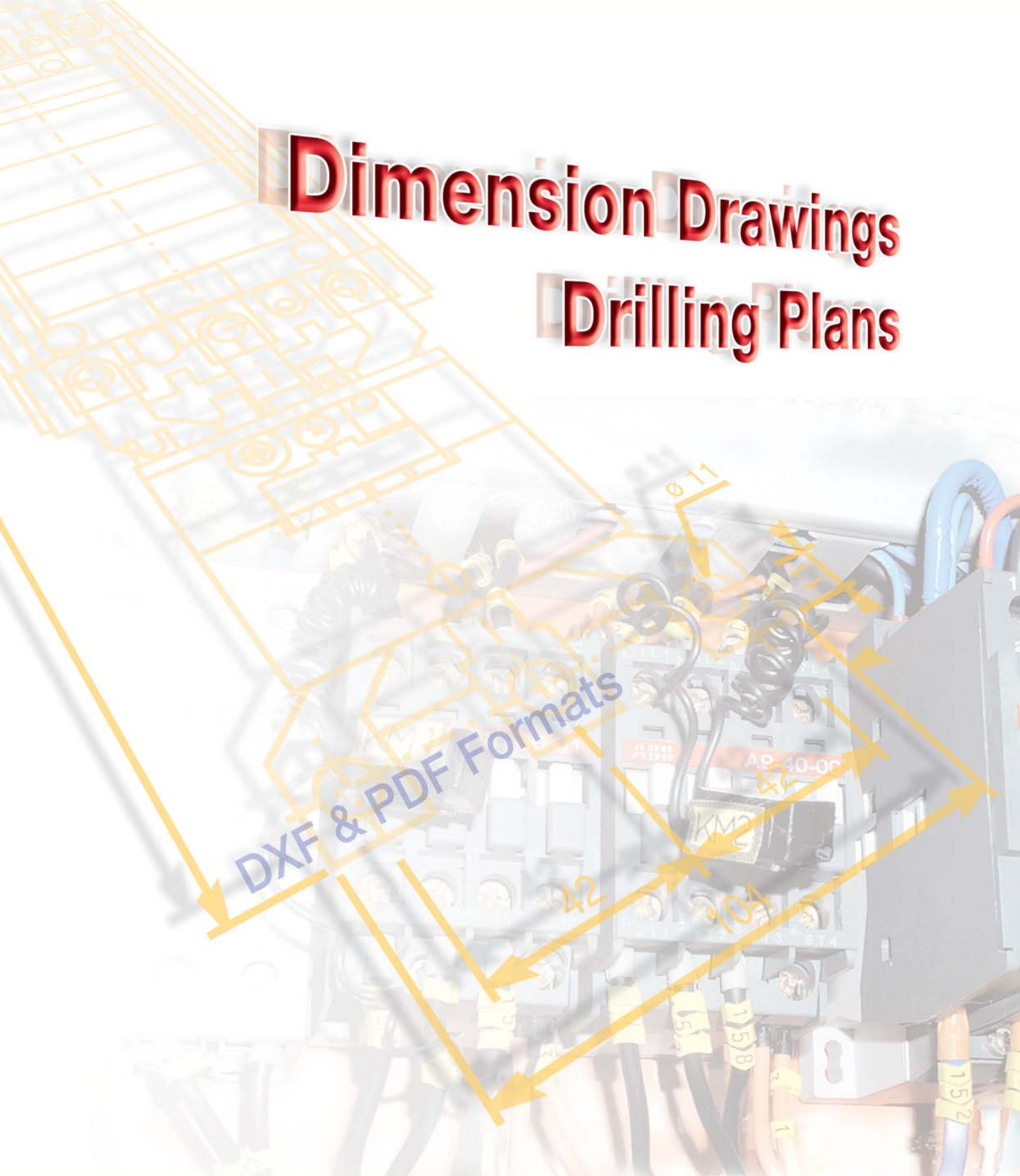


Dimension Drawings

Drilling Plans

DXF & PDF Formats



The image shows a technical drawing of an electrical panel layout in the background. Overlaid on this is a photograph of the actual panel. The panel features a contactor labeled 'KM2' and a terminal block labeled 'AP-40-06'. Various cables are connected to the terminals, some with yellow labels like '1.5/8' and '1.5/2'. Yellow arrows originate from the technical drawing and point to specific components and dimensions on the physical panel, such as the contactor, terminal block, and cable connections. Dimensions like 'Ø11', '42', and '104' are visible on the drawing.

Setting-up of the Contactors



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Thermal and Electronic O/L Relays

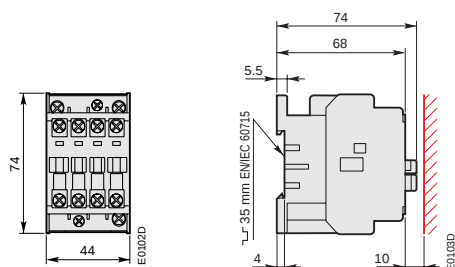
TA 25 DU, TA 42 DU, TA 75 DU, TA 80 DU, TA 110 DU, TA 200 DU, TA 450 DU/SU	9/72
E 16 DU, E 200 DU, E 320 DU, E 500 DU, E 800 DU, E 1250 DU	9/74
T 7 DU	9/77

Only major dimensions are quoted on the drawings contained in this section.
Detailed dimension drawings on request.

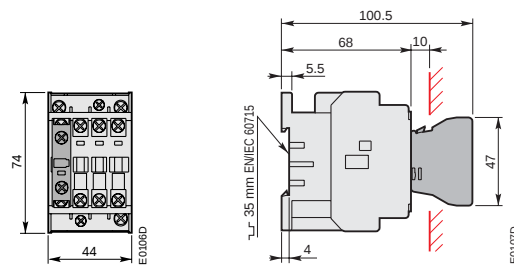
A 9, A 12 and A 16 3-pole Contactors



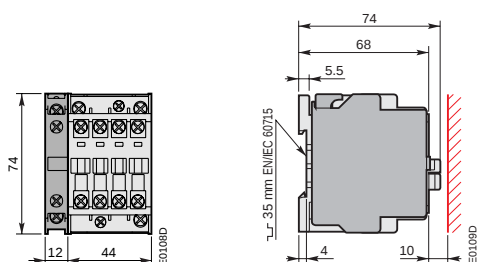
Dimensions (in mm)



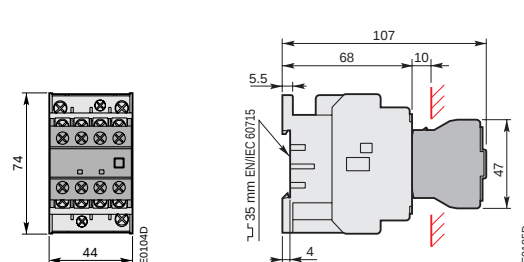
A 9, A 12, A 16



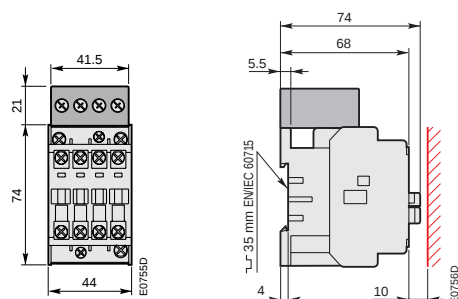
**A 9, A 12, A 16
+ CA 5 front-mounted 1-pole auxiliary contact block**



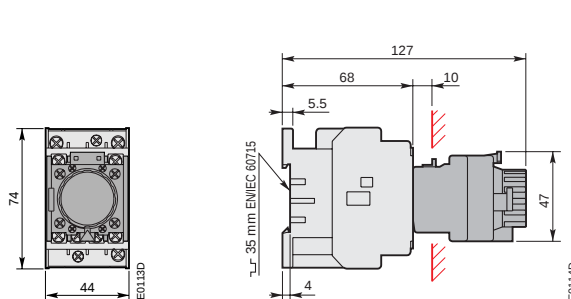
**A 9, A 12, A 16
+ CAL 5 side-mounted 2-pole auxiliary contact block**



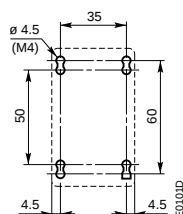
**A 9, A 12, A 16
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions**



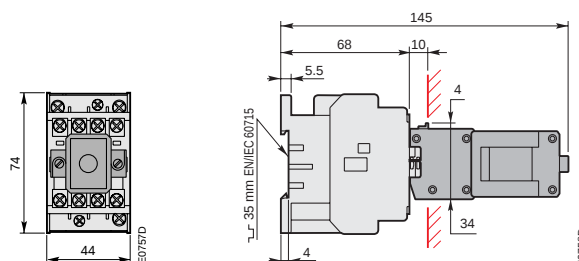
**A 9, A 12, A 16
+ RA 5 interface relay**



**A 9, A 12, A 16
+ TP pneumatic timer**



A 9, A 12, A 16 drilling plan

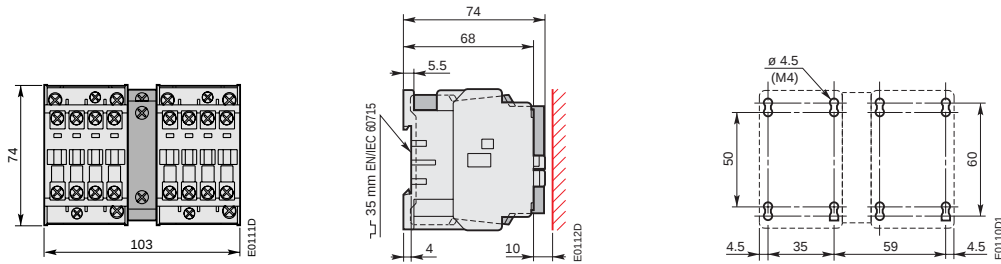


**A 9, A 12, A 16
+ WB 75-A on-position latch**

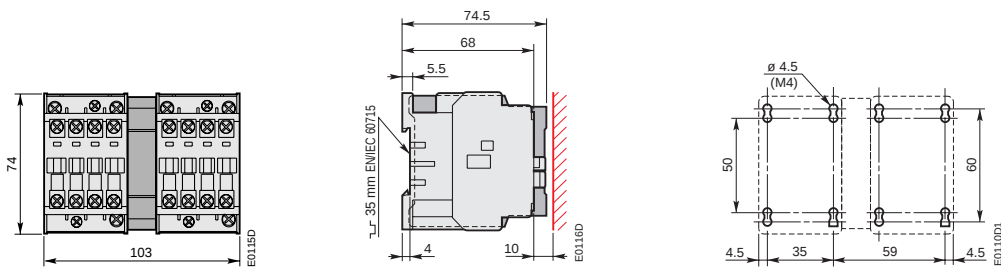
A 9, A 12 and A 16 3-pole Contactors



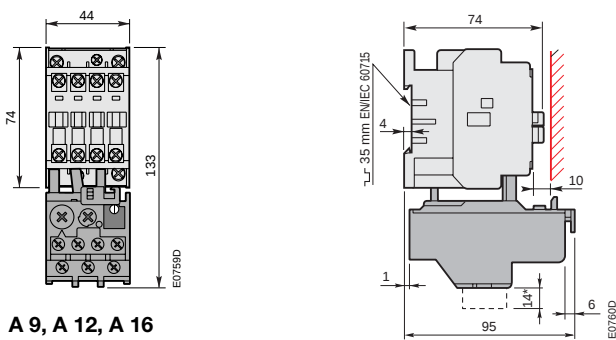
Dimensions (in mm)



**A 9, A 12, A 16
+ VE 5-1 electrical and mechanical interlock unit**



**A 9, A 12, A 16
+ VM 5-1 mechanical interlock unit**



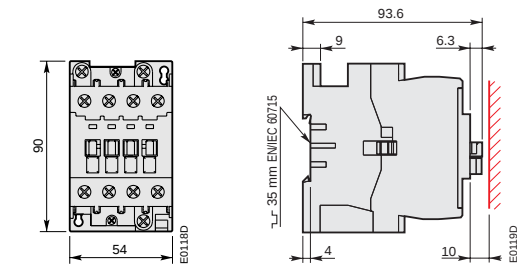
**A 9, A 12, A 16
+ TA 25 DU thermal O/L relay**

* For TA 25 DU 32 only

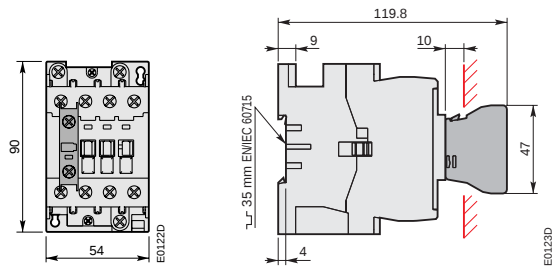
A 26 3-pole Contactor



Dimensions (in mm)

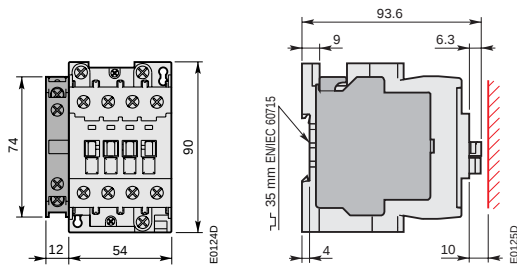


A 26



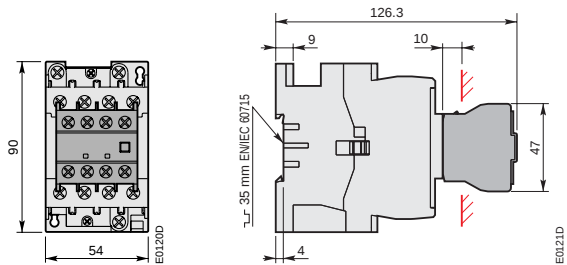
A 26

+ CA 5 front-mounted 1-pole auxiliary contact block



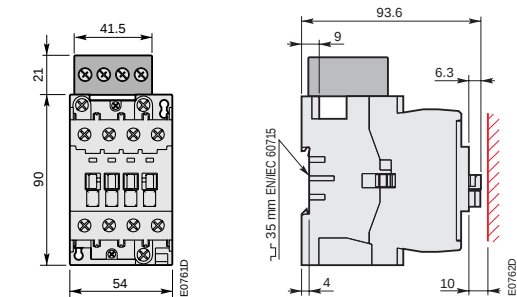
A 26

+ CAL 5 side-mounted 2-pole auxiliary contact block



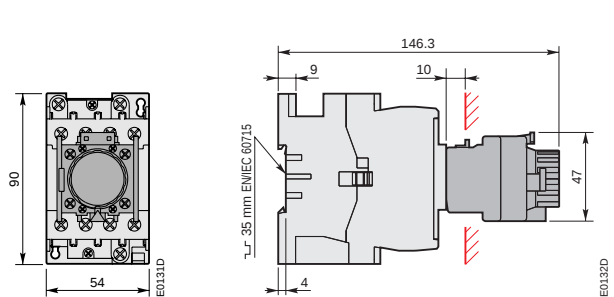
A 26

+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions



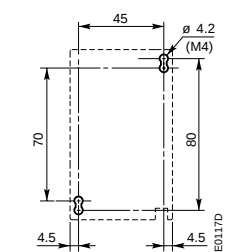
A 26

+ RA 5 interface relay

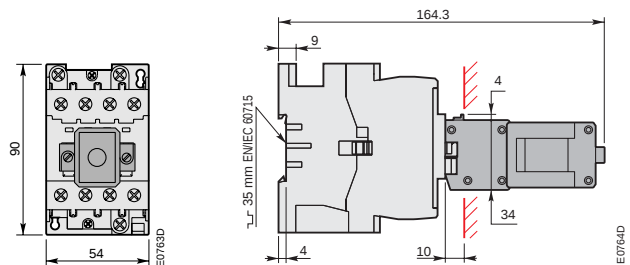


A 26

+ TP pneumatic timer



A 26 drilling plan



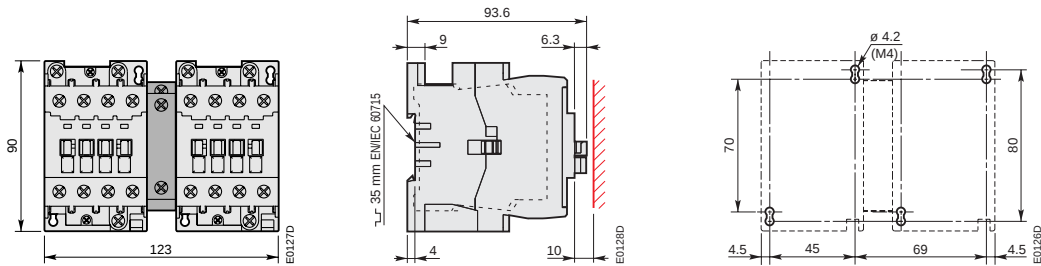
A 26

+ WB 75-A on-position latch

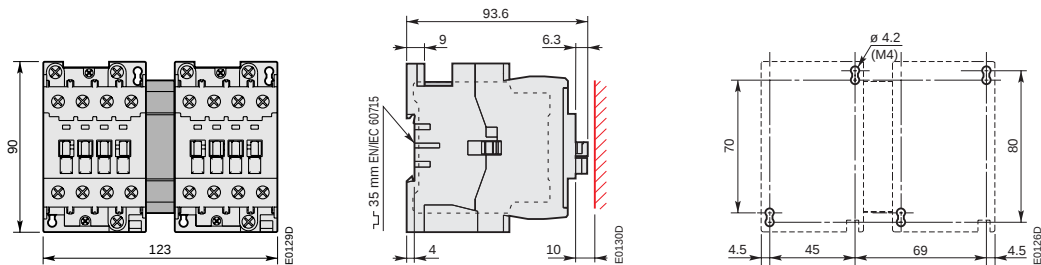
A 26 3-pole Contactor



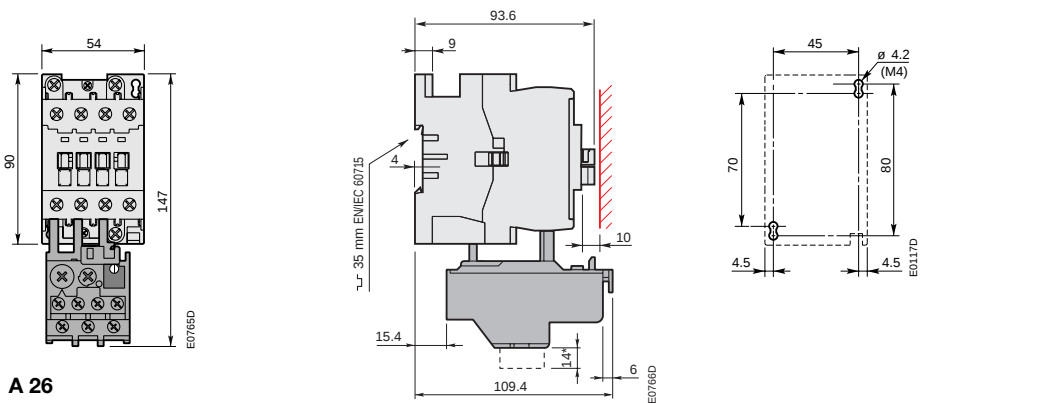
Dimensions (in mm)



A 26
+ VE 5-1 electrical and mechanical interlock unit



A 26
+ VM 5-1 mechanical interlock unit



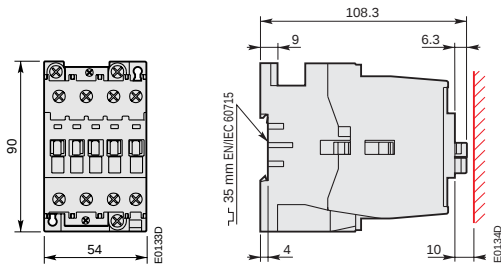
A 26
+ TA 25 DU thermal O/L relay

* For TA 25 DU 32 only

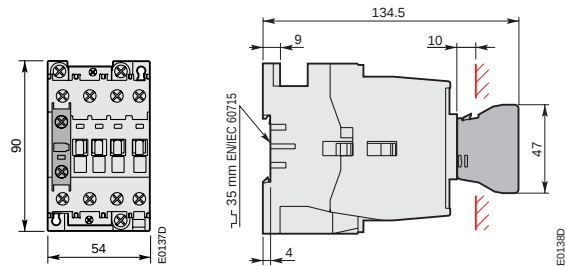
A 30 and A 40 3-pole Contactors



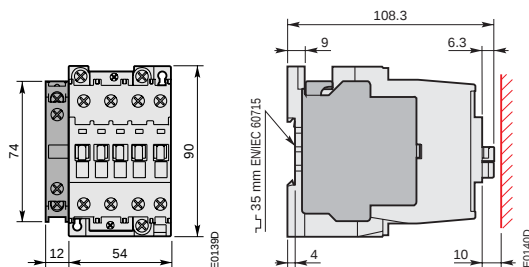
Dimensions (in mm)



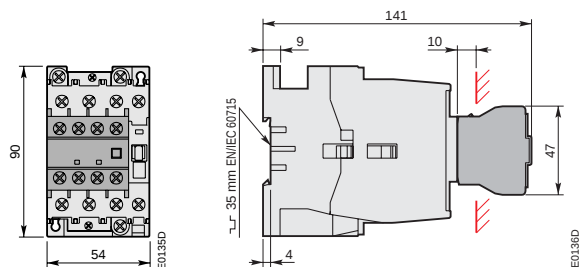
A 30, A 40



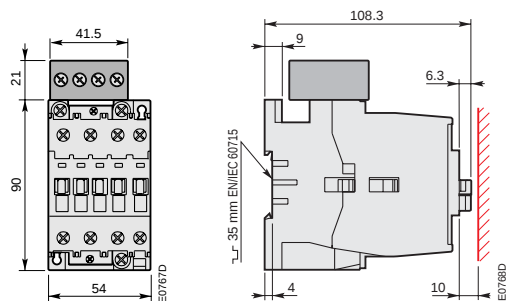
**A 30, A 40
+ CA 5 front-mounted 1-pole auxiliary contact block**



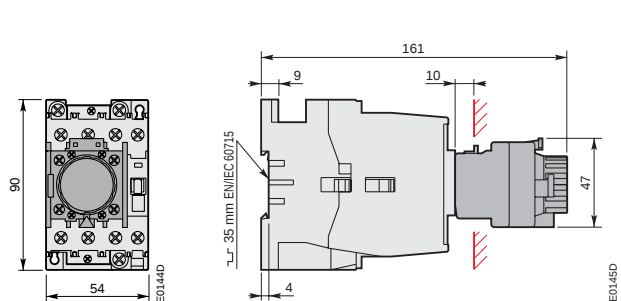
**A 30, A 40
+ CAL 5 side-mounted 2-pole auxiliary contact block**



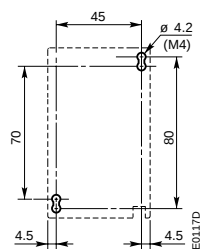
**A 30, A 40
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions**



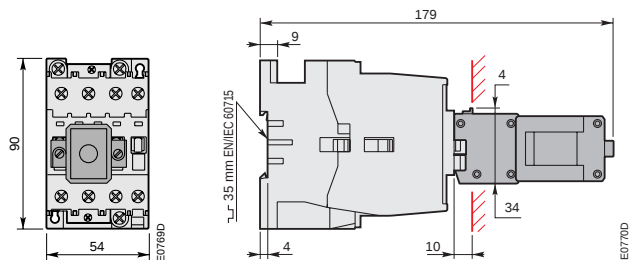
**A 30, A 40
+ RA 5 interface relay**



**A 30, A 40
+ TP pneumatic timer**



A 30, A 40 drilling plan

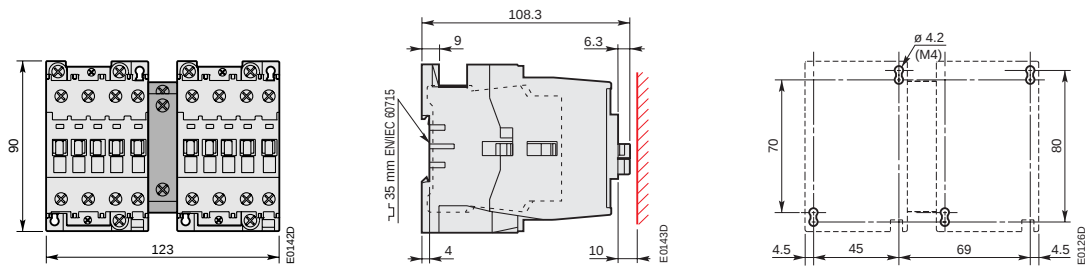


**A 30, A 40
+ WB 75-A on-position latch**

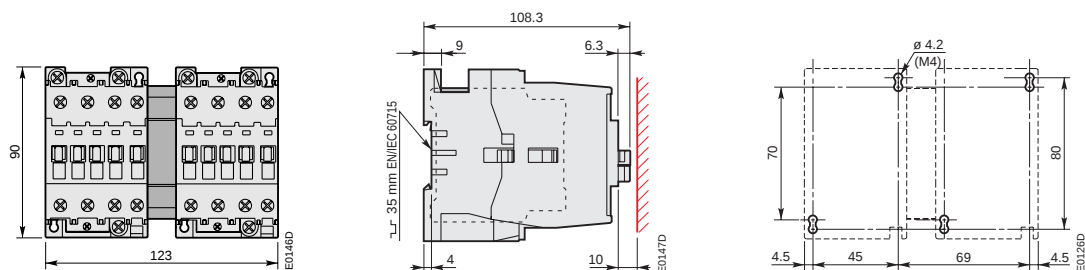
A 30 and A 40 3-pole Contactors



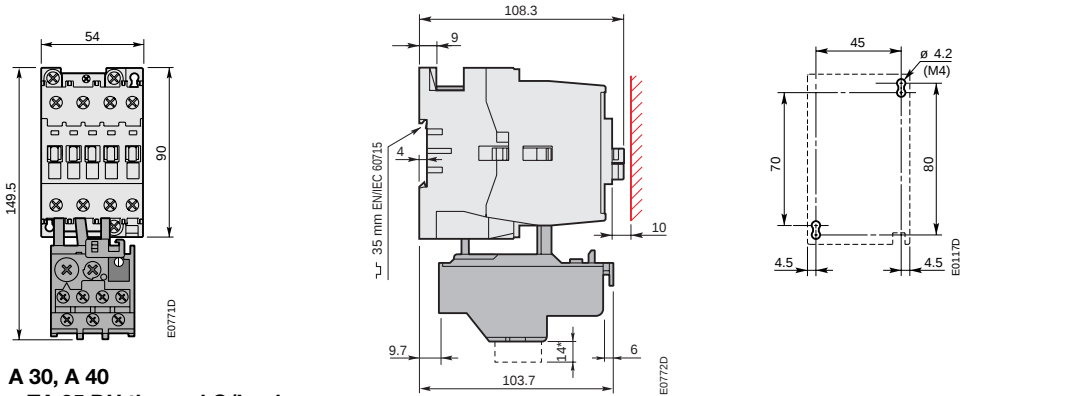
Dimensions (in mm)



A 30, A 40 + VE 5-1 electrical and mechanical interlock unit

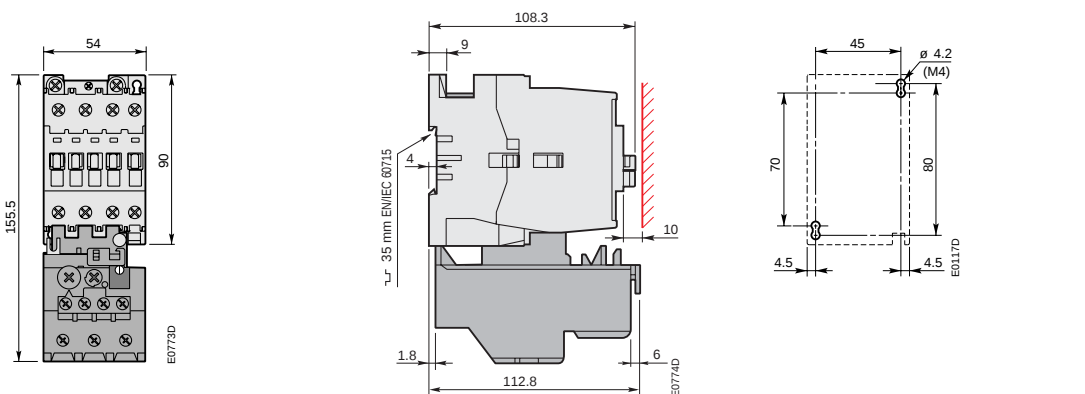


A 30, A 40 + VM 5-1 mechanical interlock unit



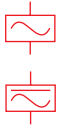
A 30, A 40 + TA 25 DU thermal O/L relay

* For TA 25 DU 32 only

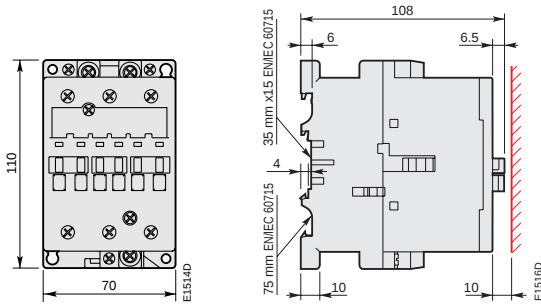


A 30, A 40 + TA 42 DU thermal O/L relay

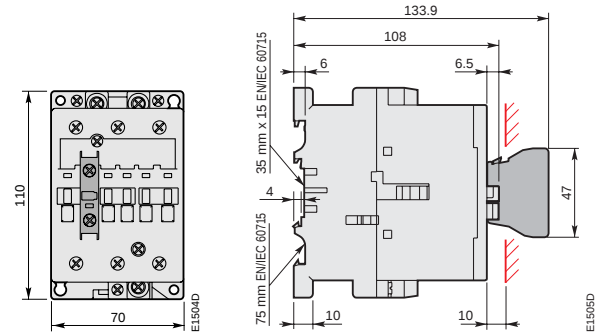
A 50, A 63 and A 75 3-pole Contactors AF 50, AF 63 and AF 75 3-pole Contactors



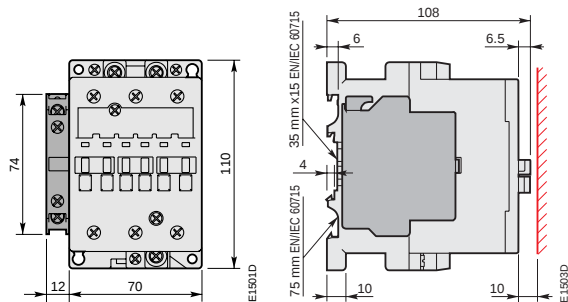
Dimensions (in mm)



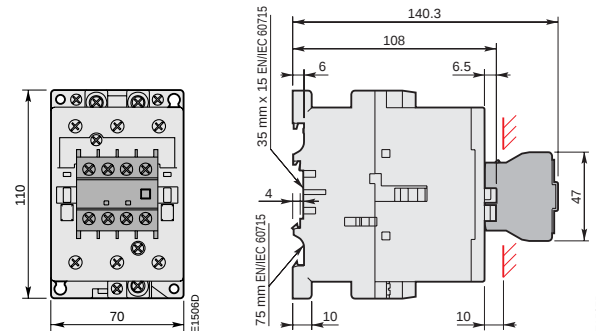
A 50, A 63, A 75, AF 50, AF 63, AF 75



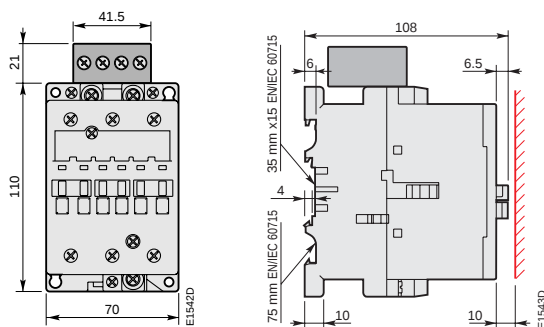
**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ CA 5 front-mounted 1-pole auxiliary contact block**



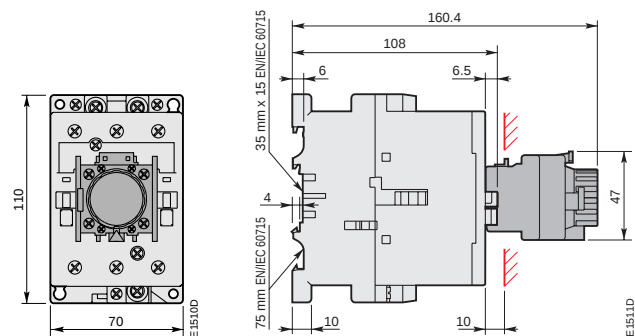
**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ CAL 5 side-mounted 2-pole auxiliary contact block**



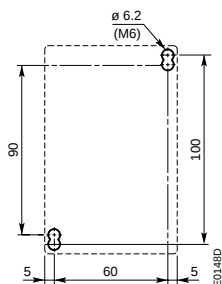
**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions**



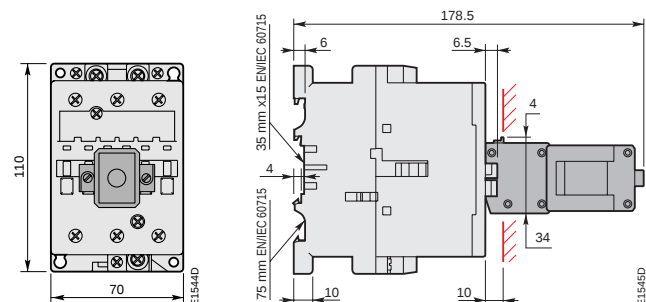
**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ RA 5 interface relay**



**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ TP pneumatic timer**



A 50, A 63, A 75, AF 50, AF 63, AF 75 drilling plan

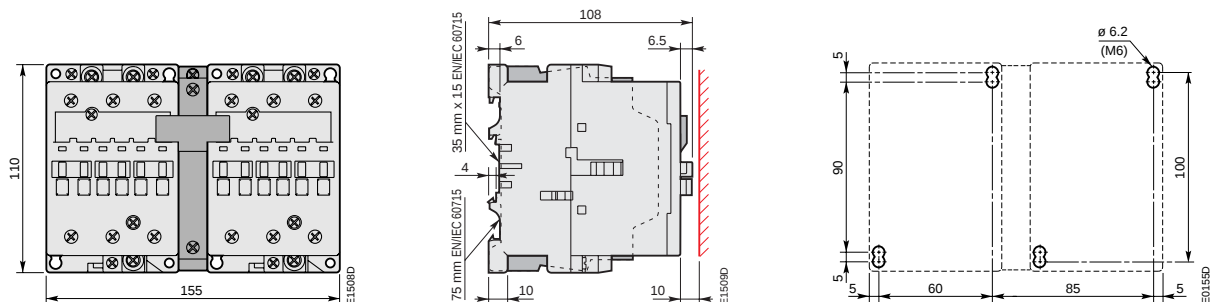


**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ WB 75-A on-position latch**

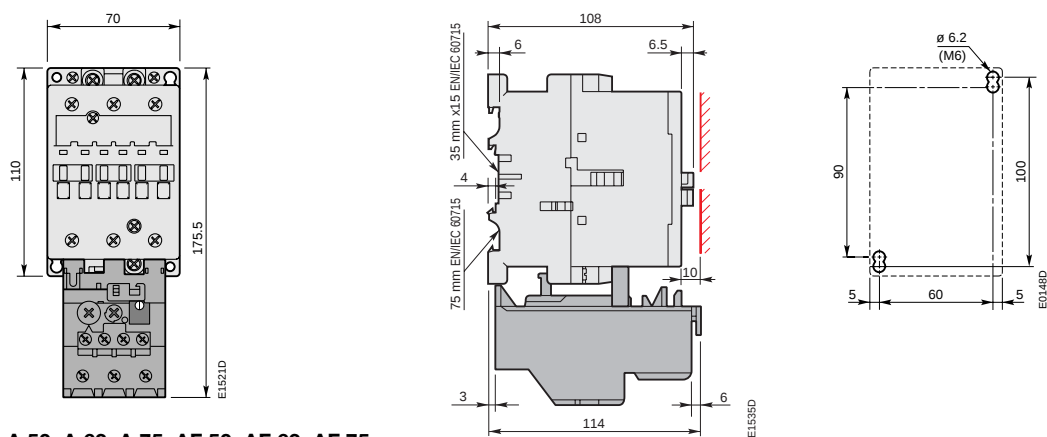
A 50, A 63 and A 75 3-pole Contactors AF 50, AF 63 and AF 75 3-pole Contactors



Dimensions (in mm)



**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ VE 5-2 electrical and mechanical interlock unit**

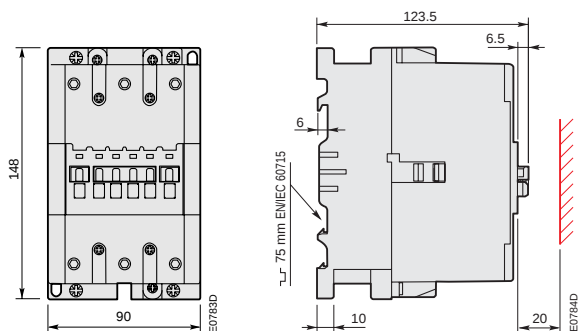


**A 50, A 63, A 75, AF 50, AF 63, AF 75
+ TA 75 DU thermal O/L relay**

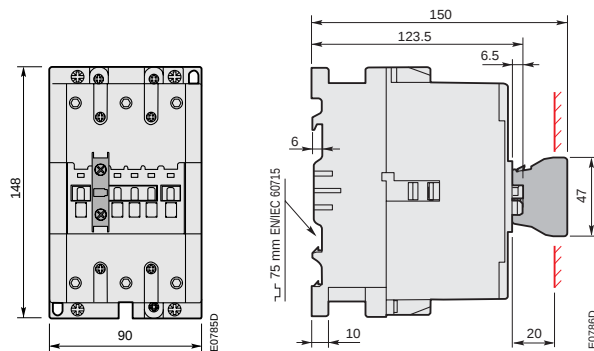
A 95 and A 110 3-pole Contactors AF 95 and AF 110 3-pole Contactors



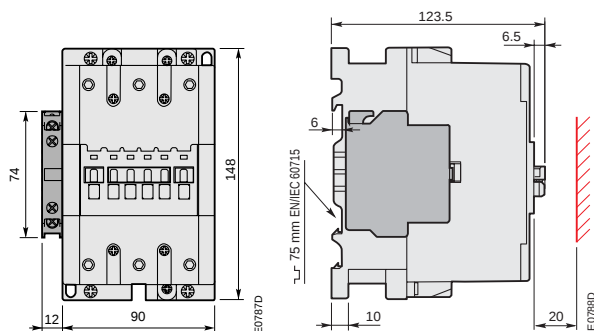
Dimensions (in mm)



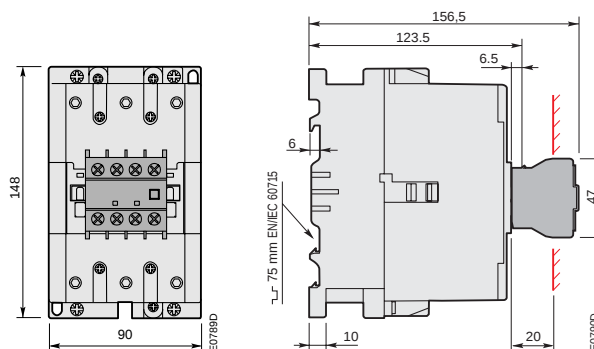
A 95, A 110, AF 95, AF 110



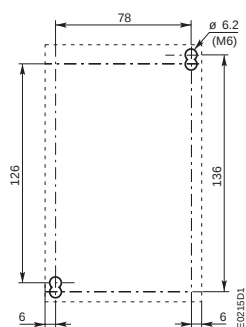
A 95, A 110, AF 95, AF 110
+ CA 5 front-mounted 1-pole auxiliary contact block



A 95, A 110, AF 95, AF 110
+ CAL 18 side-mounted 2-pole auxiliary contact block



A 95, A 110, AF 95, AF 110
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions

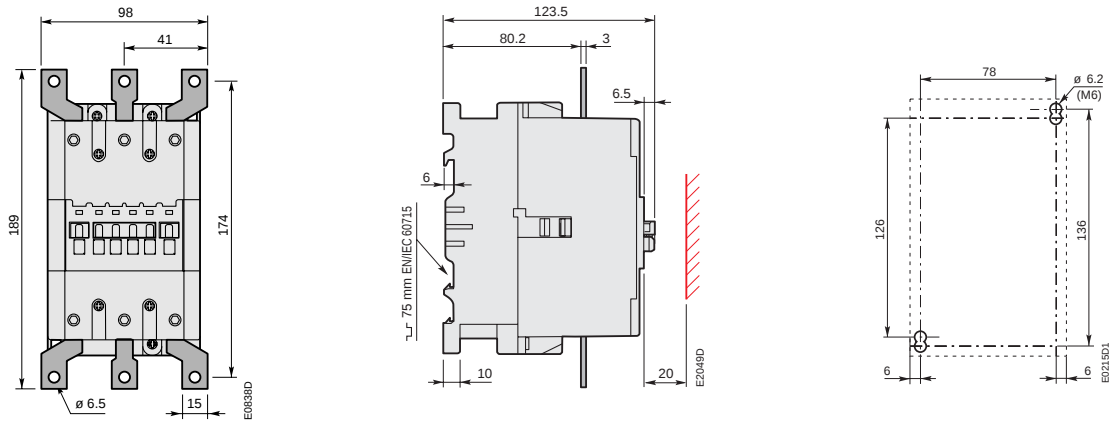


A 95, A 110, AF 95, AF 110 drilling plan

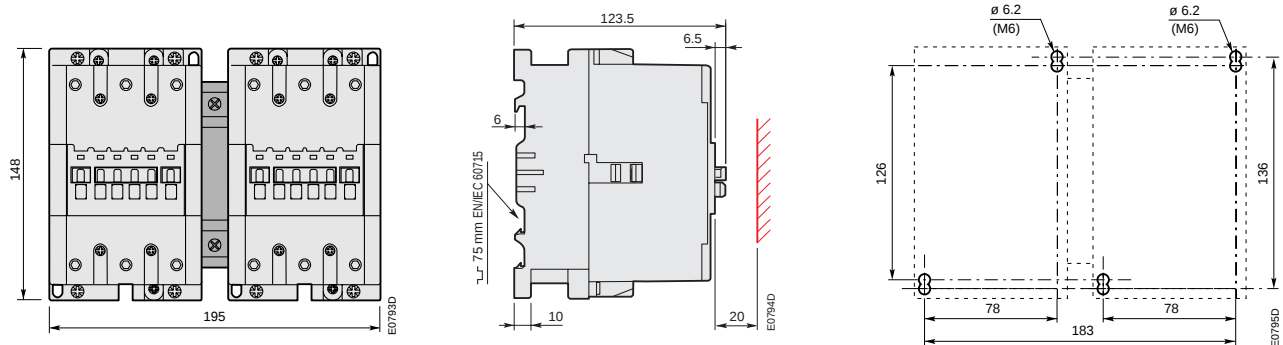
A 95 and A 110 3-pole Contactors AF 95 and AF 110 3-pole Contactors



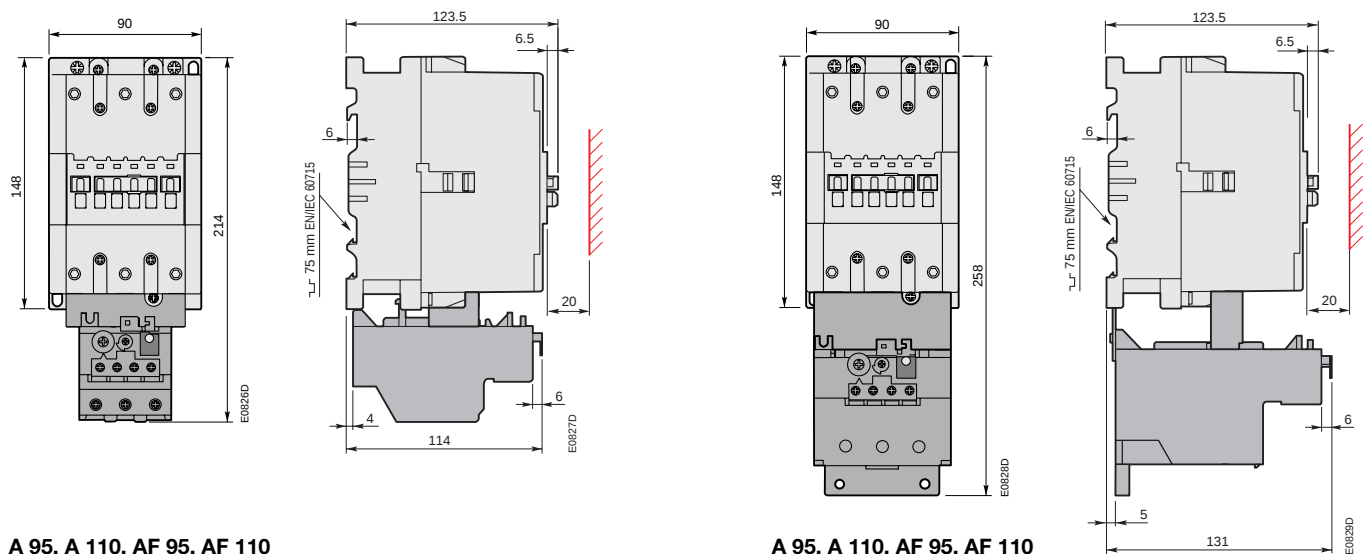
Dimensions (in mm)



A 95, A 110, AF 95, AF 110
+ LW 110 terminal enlargement



A 95, A 110, AF 95, AF 110
+ VE 5-2 electrical and mechanical interlock unit



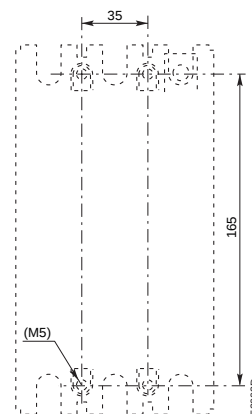
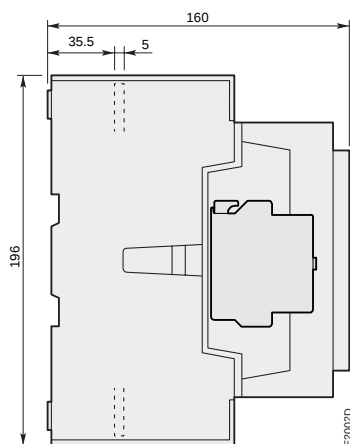
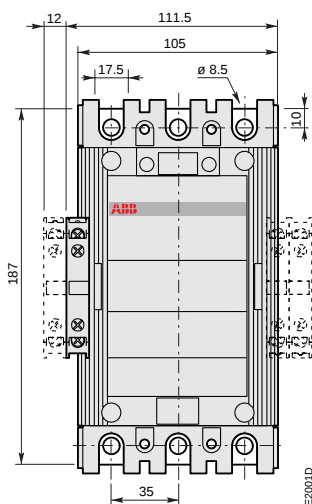
A 95, A 110, AF 95, AF 110
+ TA 80 DU thermal O/L relay

A 95, A 110, AF 95, AF 110
+ TA 110 DU thermal O/L relay

A 145 and A 185 3-pole Contactors AF 145 and AF 185 3-pole Contactors

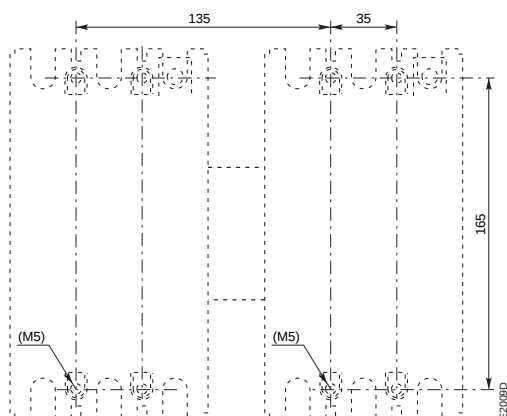
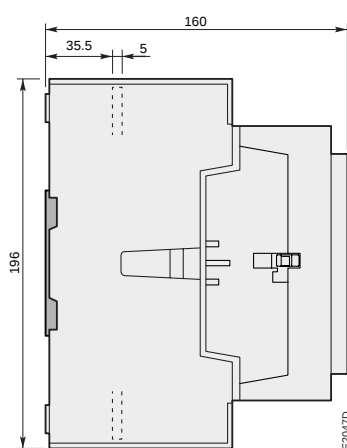
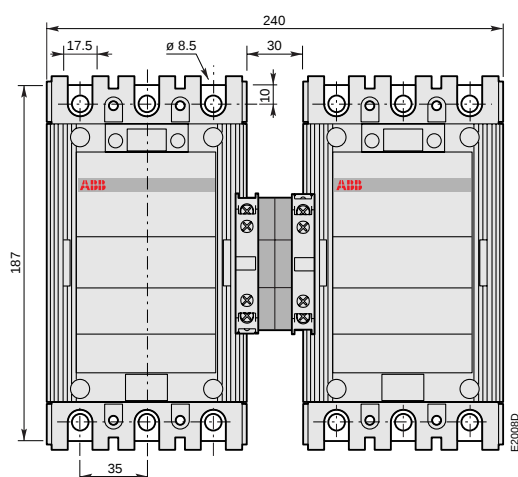


Dimensions (in mm)



A 145, A 185, AF 145, AF 185 c/w 1 x CAL18

**A 145, A 185, AF 145, AF 185
drilling plan**

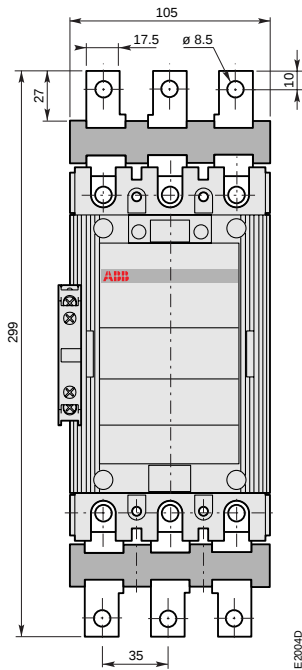


**A 145, A 185, AF 145, AF 185 c/w 1 x CAL18
+ VM 300H mechanical interlock unit**

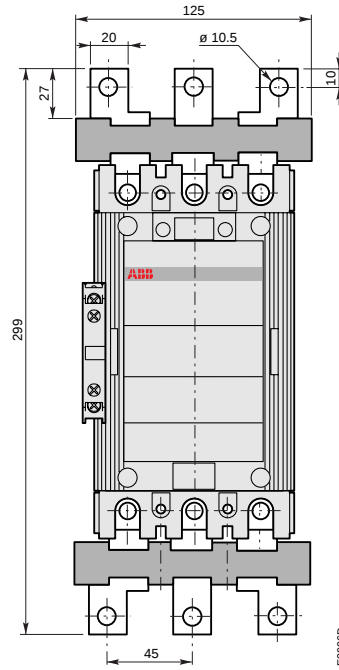
A 145 and A 185 3-pole Contactors AF 145 and AF 185 3-pole Contactors



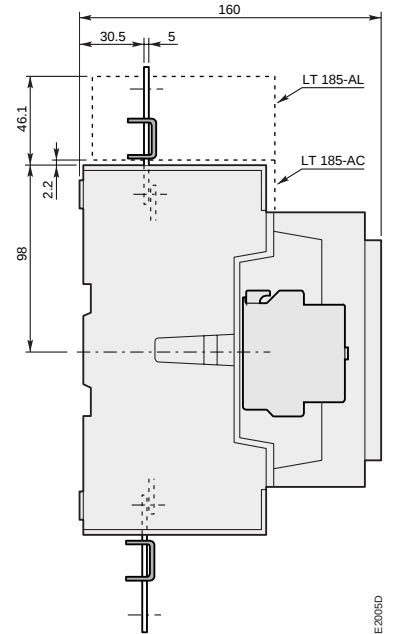
Dimensions (in mm)



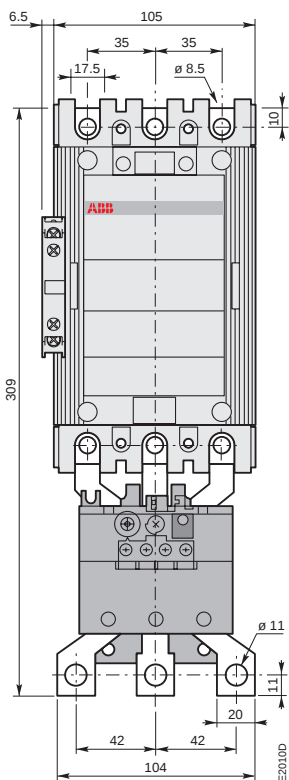
**A 145, A 185, AF 145, AF 185 c/w 1 x CAL18
+ LX 185 terminal extension**



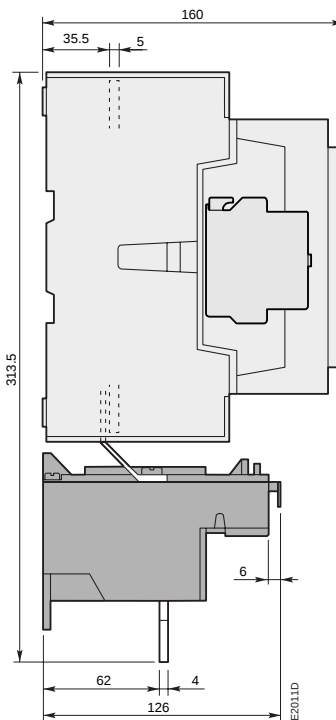
**A 145, A 185, AF 145, AF 185 c/w 1 x CAL18
+ LW 185 terminal enlargement**



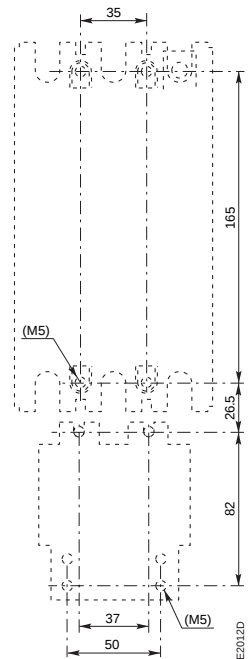
E2005D



**A 145, A 185, AF 145, AF 185 c/w 1 x CAL18
+ TA 200 DU thermal O/L relay**



E2011D

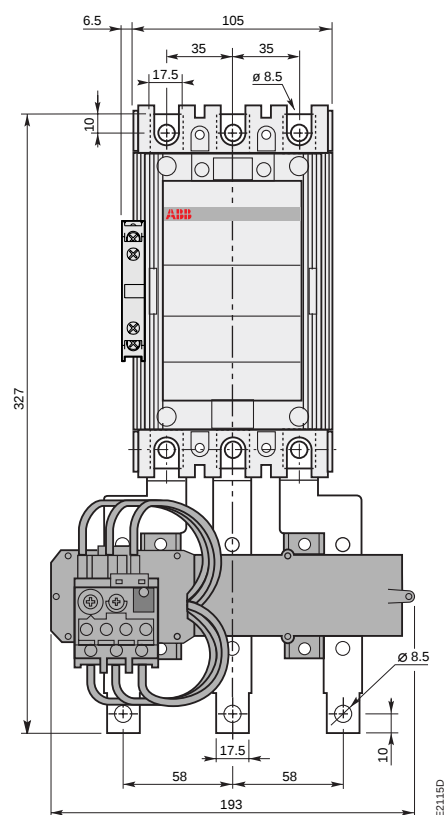


E2012D

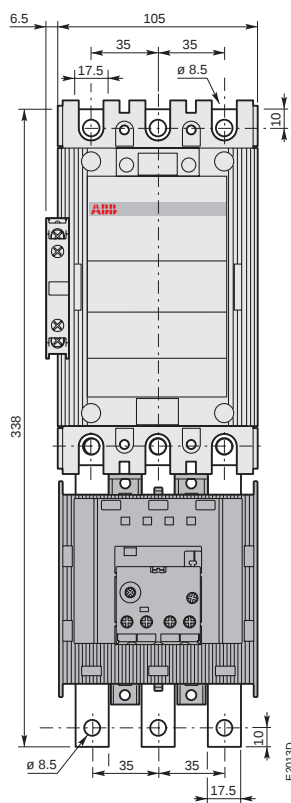
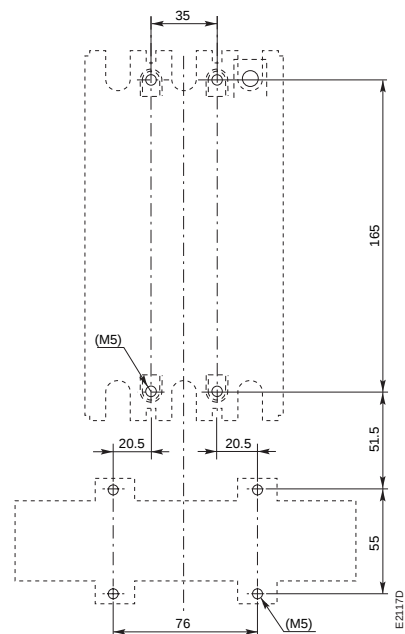
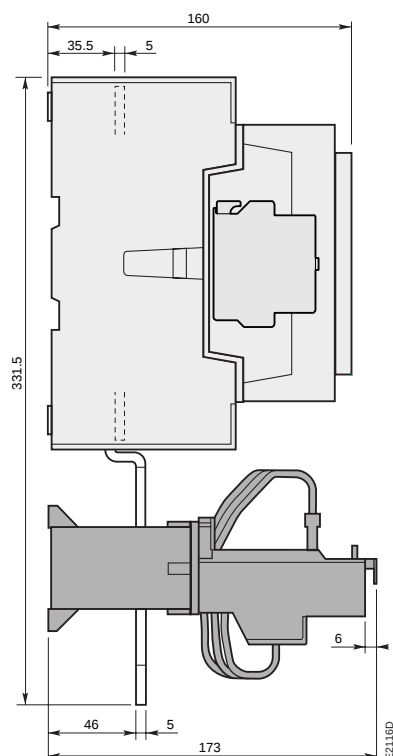
A 145 and A 185 3-pole Contactors AF 145 and AF 185 3-pole Contactors



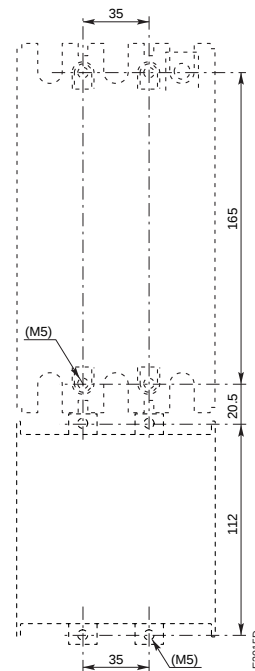
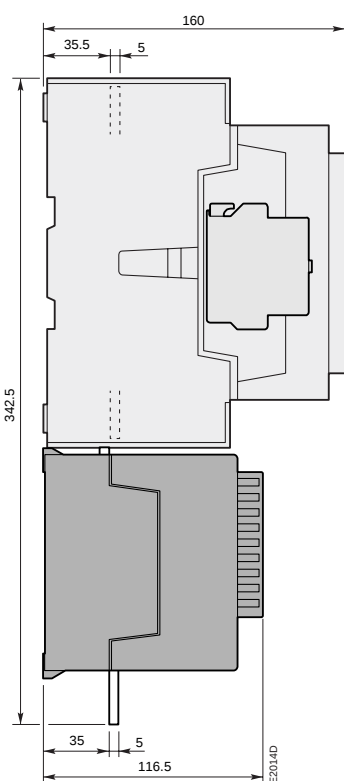
Dimensions (in mm)



**A 145, A 185, AF 145, AF 185 c/w 1 x CAL18
+ TA 450 DU/SU thermal O/L relay**



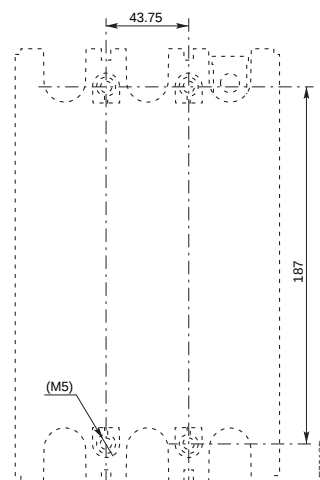
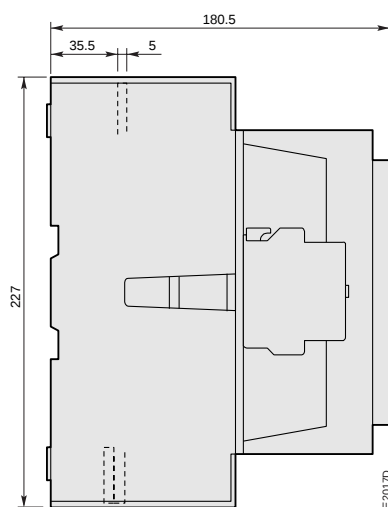
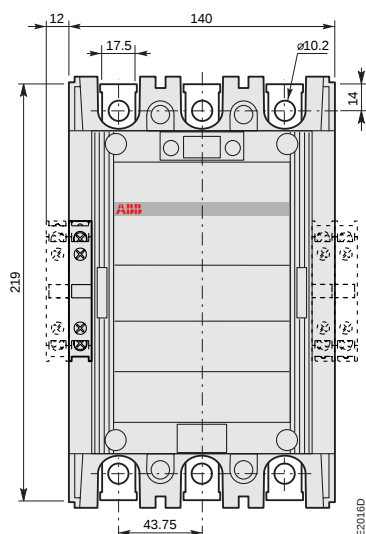
**A 145, A 185, AF 145, AF 185 c/w 1 x CAL18
+ E 200 DU electronic O/L relay**



A 210, A 260 and A 300 3-pole Contactors AF 210, AF 260 and AF 300 3-pole Contactors

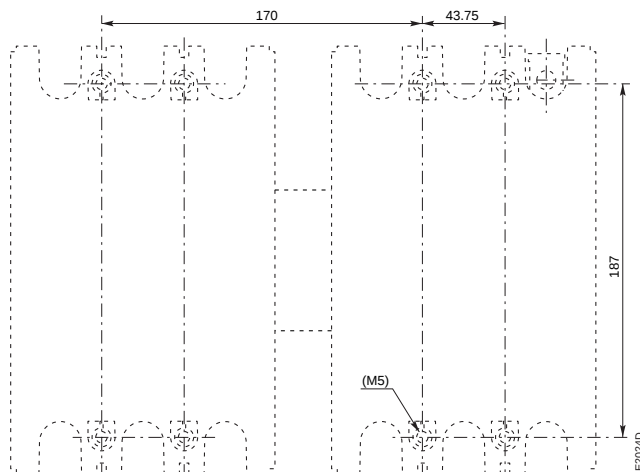
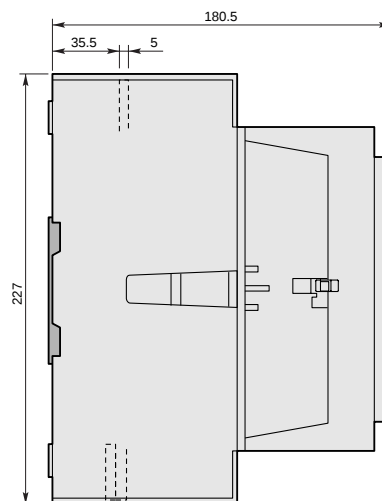
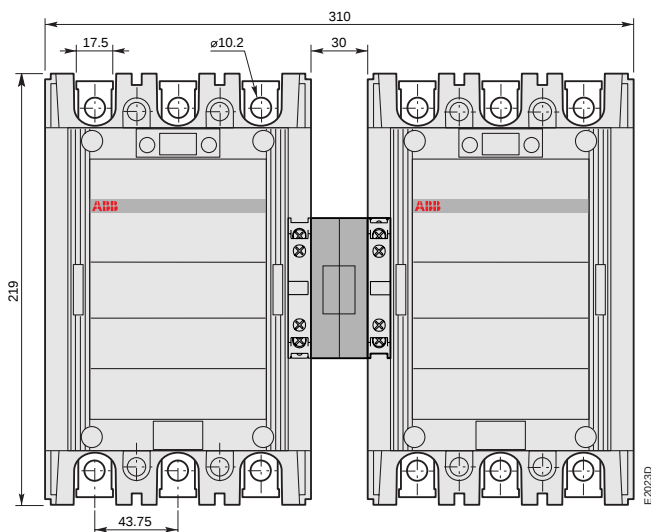


Dimensions (in mm)



A 210, A 260, A 300, AF 210, AF 260, AF 300 c/w 1 x CAL18

A 210, A 260, A 300, AF 210, AF 260, AF 300 drilling plan

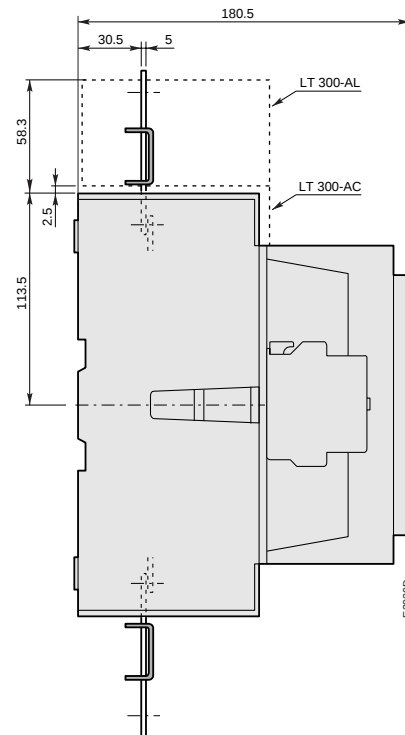
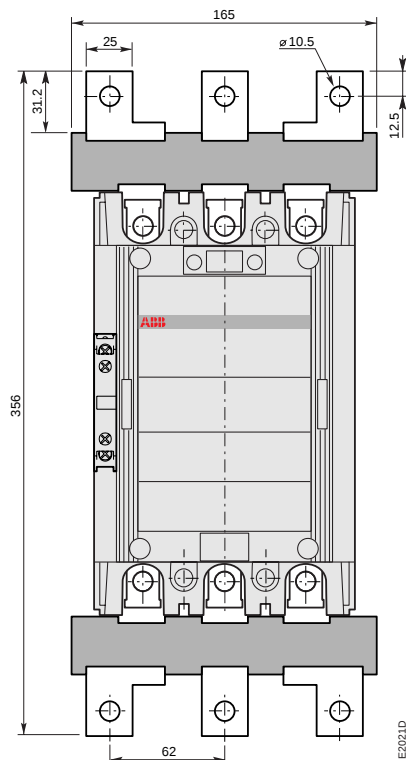
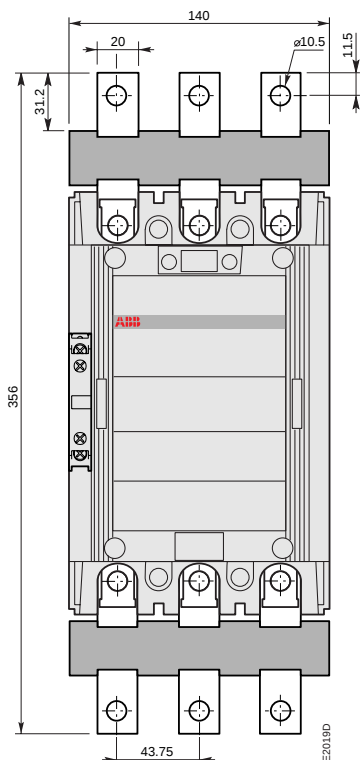


A 210, A 260, A 300, AF 210, AF 260, AF 300 c/w 1 x CAL18
+ VM 300H mechanical interlock unit

A 210, A 260 and A 300 3-pole Contactors AF 210, AF 260 and AF 300 3-pole Contactors

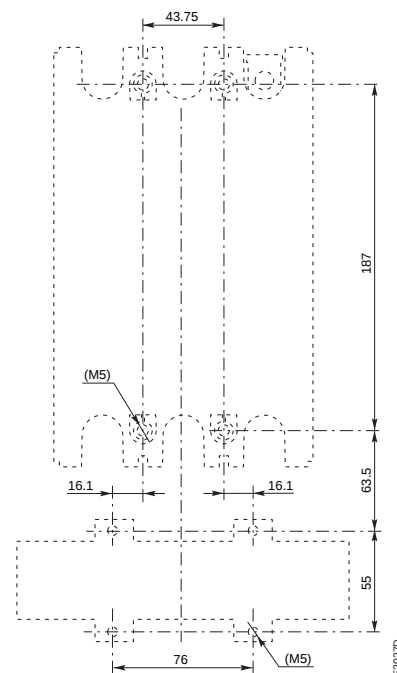
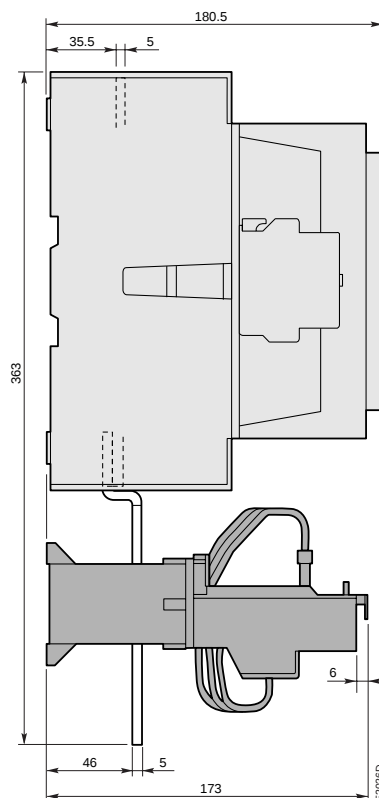
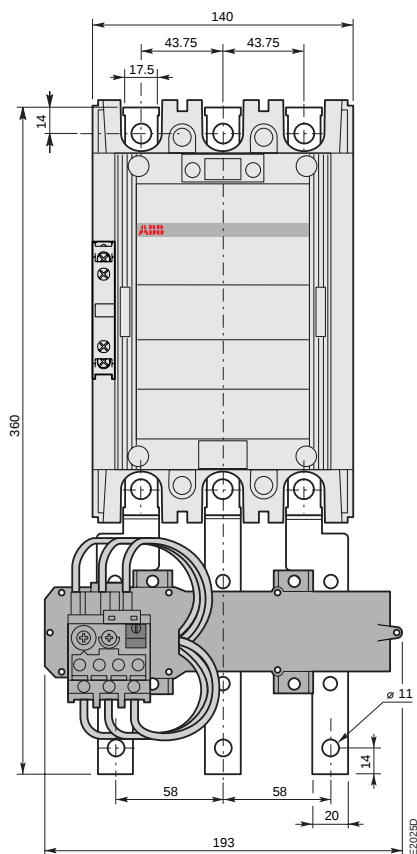


Dimensions (in mm)



A 210, A 260, A 300, AF 210, AF 260, AF 300
c/w 1 x CAL18 + LX 300 terminal extension

A 210, A 260, A 300, AF 210, AF 260, AF 300
c/w 1 x CAL18 + LW 300 terminal enlargement

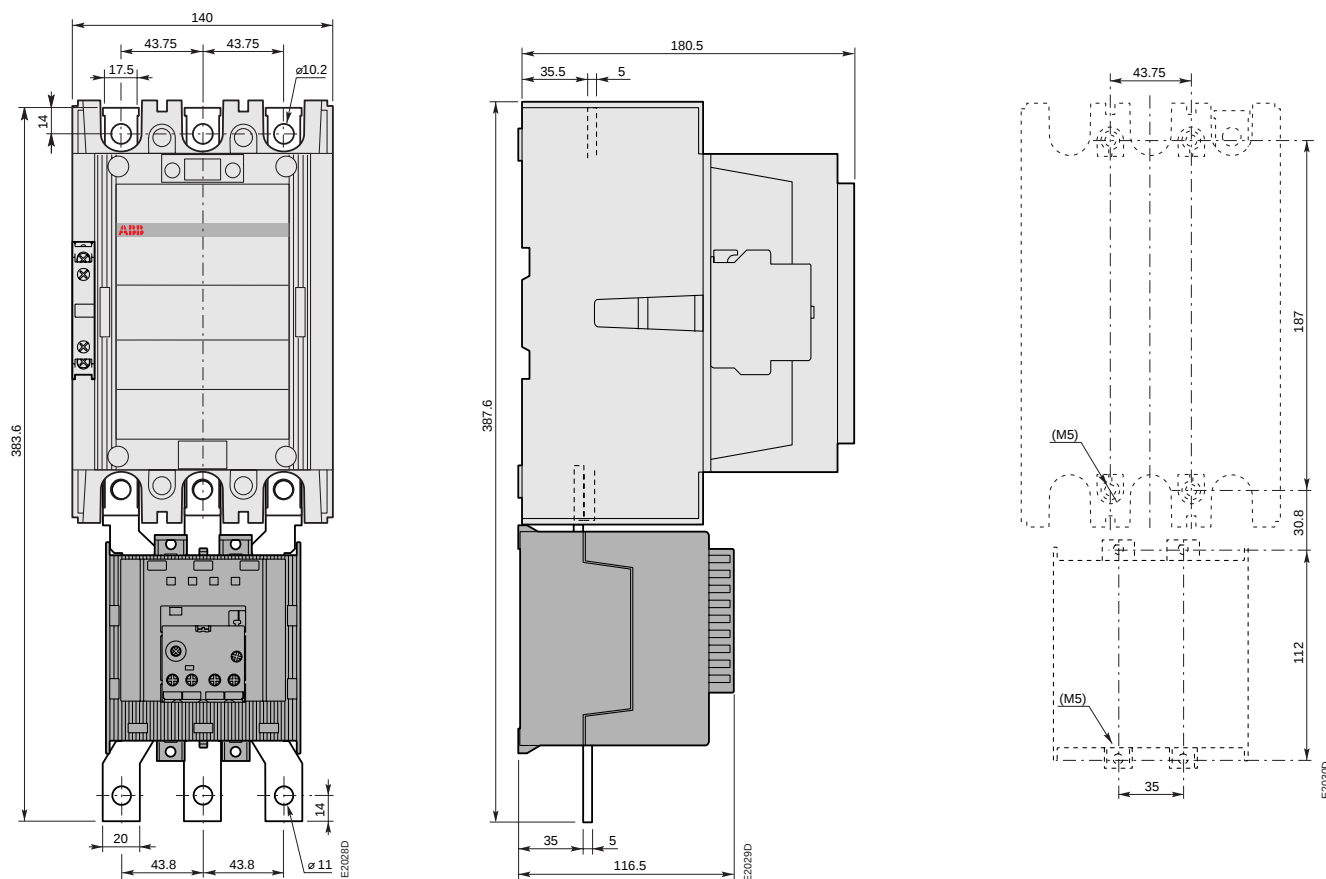


A 210, A 260, A300, AF 210, AF 260, AF 300 c/w 1 x CAL18
+ TA 450 DU/SU thermal O/L relay

A 210, A 260 and A 300 3-pole Contactors AF 210, AF 260 and AF 300 3-pole Contactors



Dimensions (in mm)

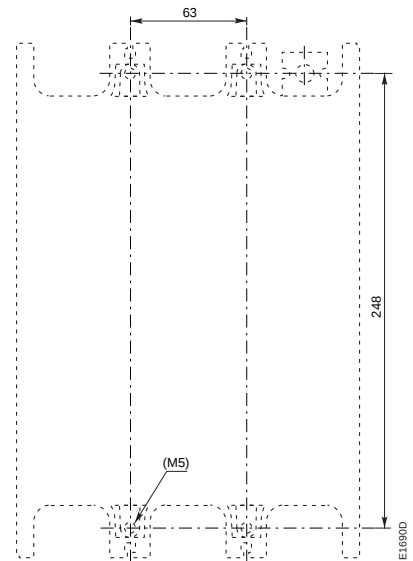
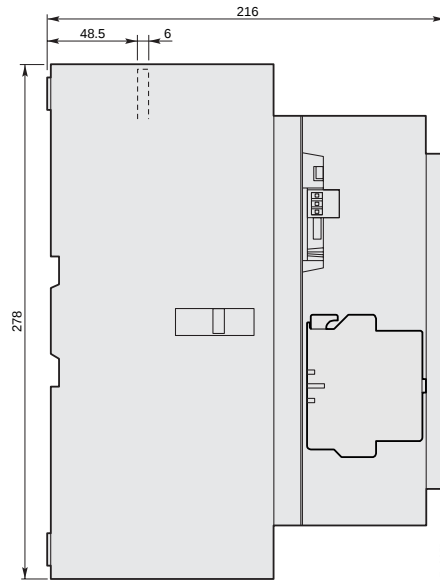
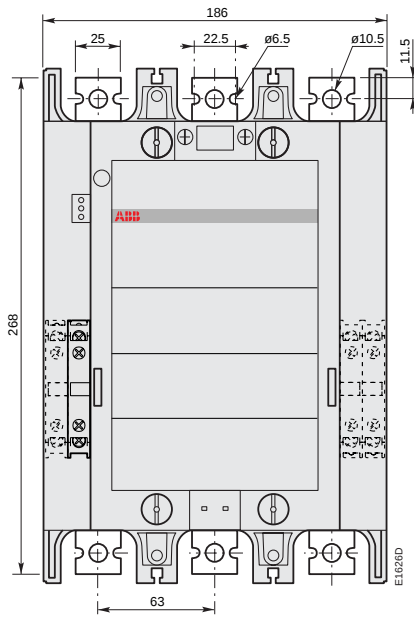


**A 210, A 260, A300, AF 210, AF 260, AF 300 c/w 1 x CAL18
+ E 320 DU electronic O/L relay**

AF 400 and AF 460 3-pole Contactors

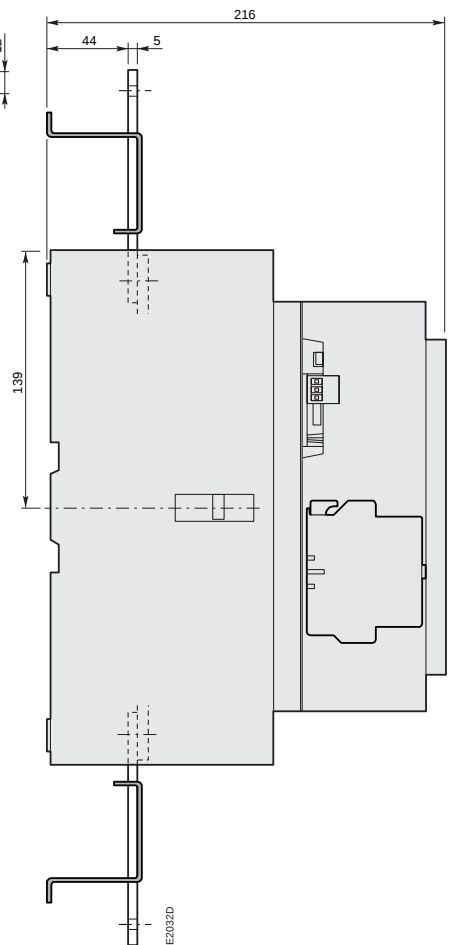
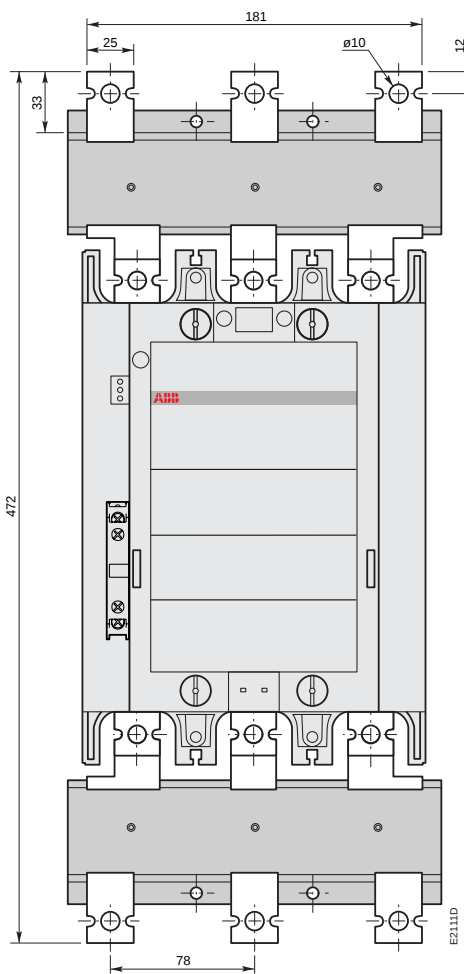
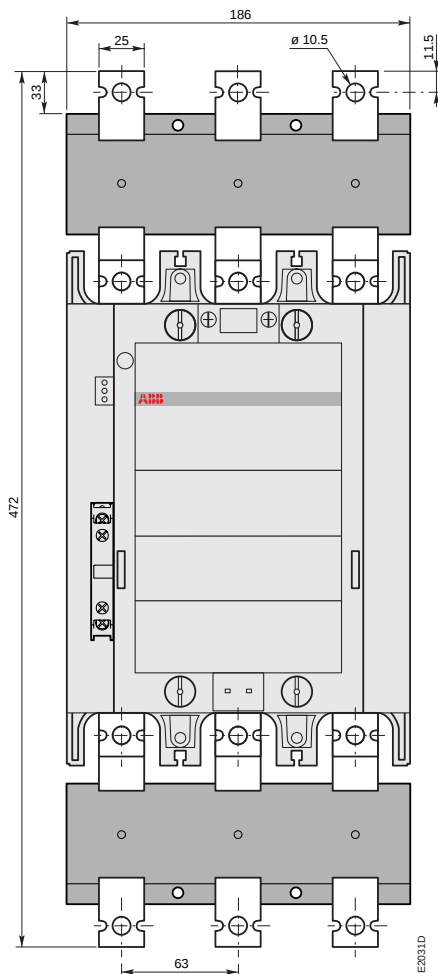


Dimensions (in mm)



AF 400, AF 460 c/w 1 x CAL18

AF 400, AF 460 drilling plan



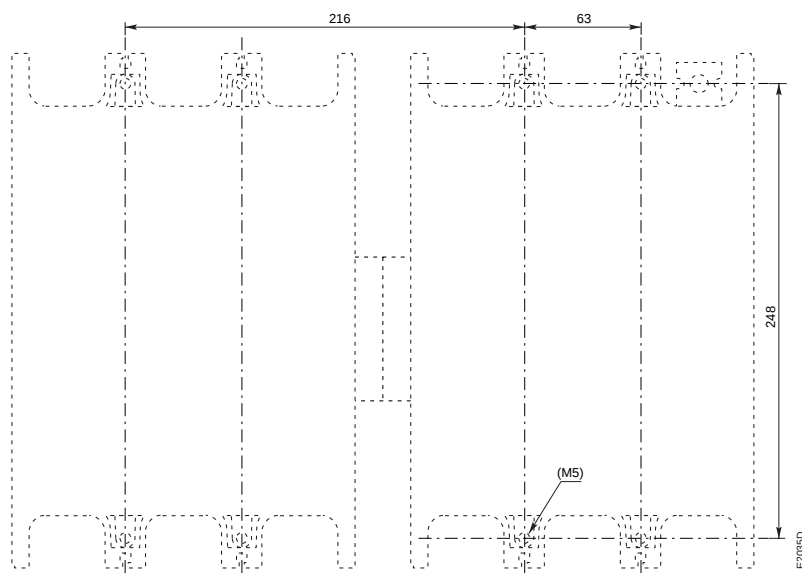
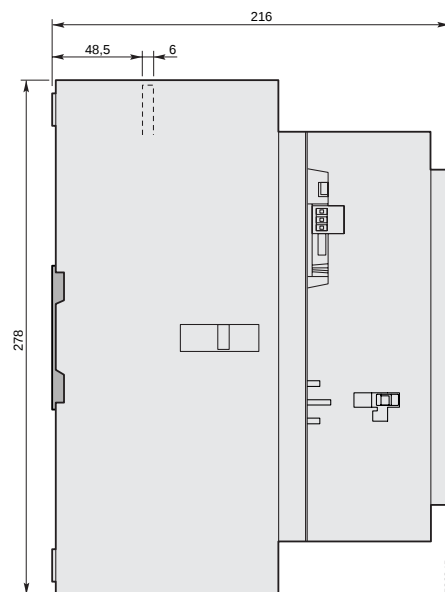
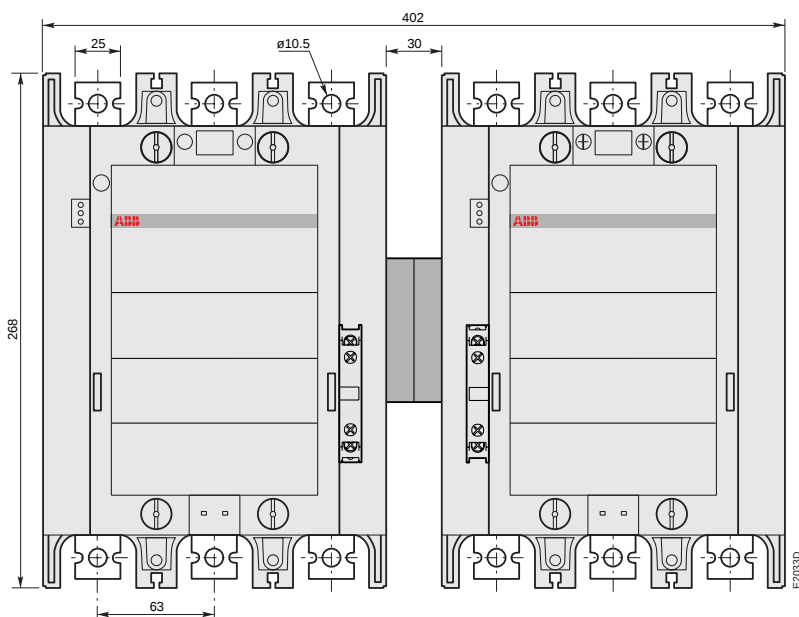
AF 400, AF 460 c/w 1 x CAL18
+ LX 460 terminal extension

AF 400, AF 460 c/w 1 x CAL18
+ LW 460 terminal enlargement

AF 400 and AF 460 3-pole Contactors



Dimensions (in mm)

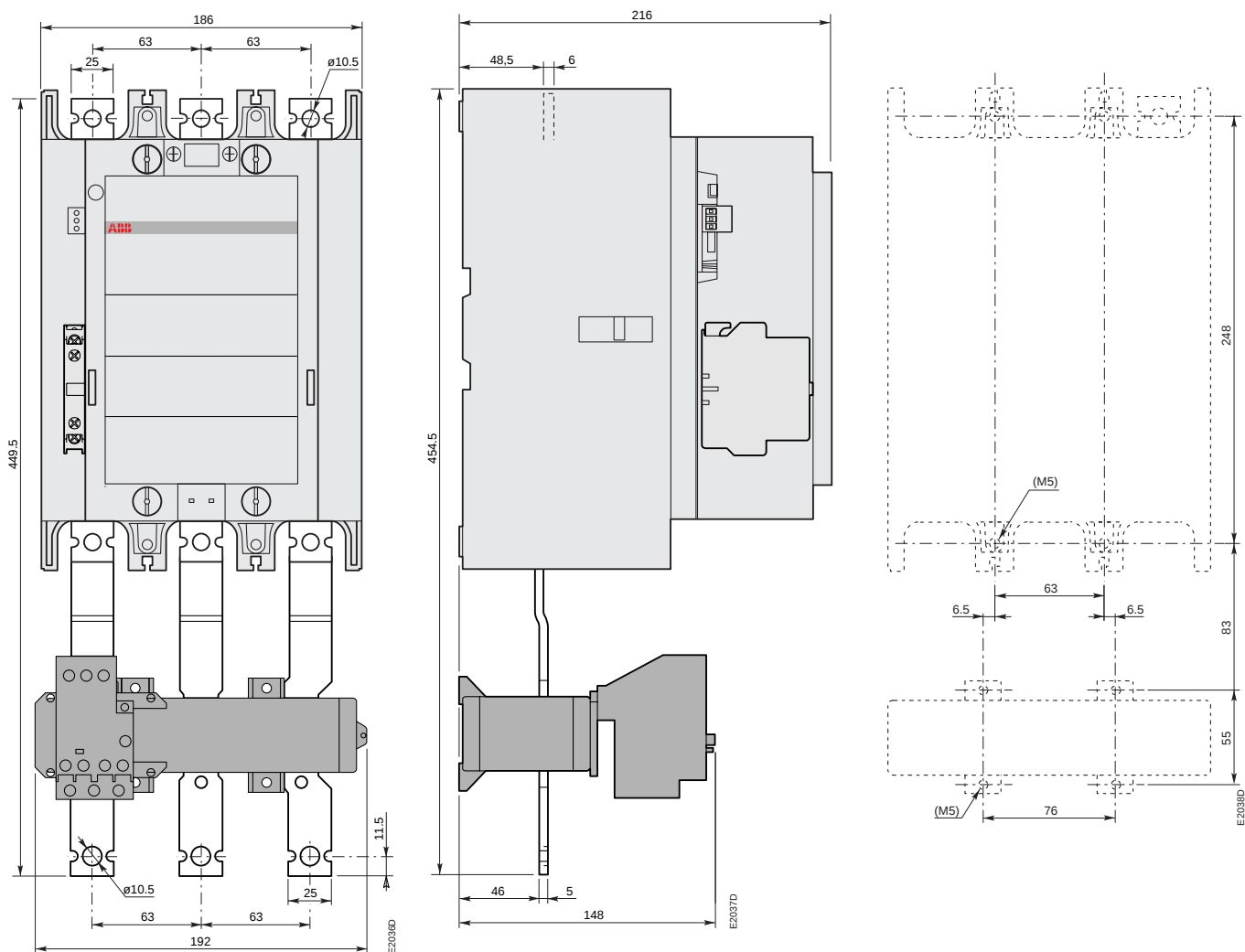


**AF 400, AF 460 c/w 1 x CAL18
+ VM 750H mechanical interlock unit**

AF 400 and AF 460 3-pole Contactors



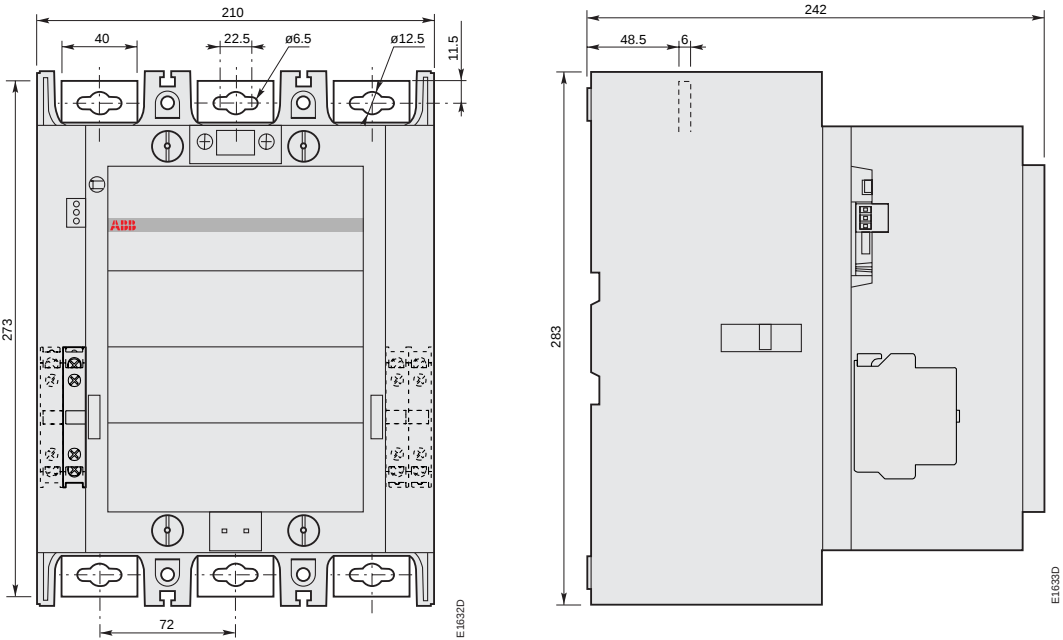
Dimensions (in mm)



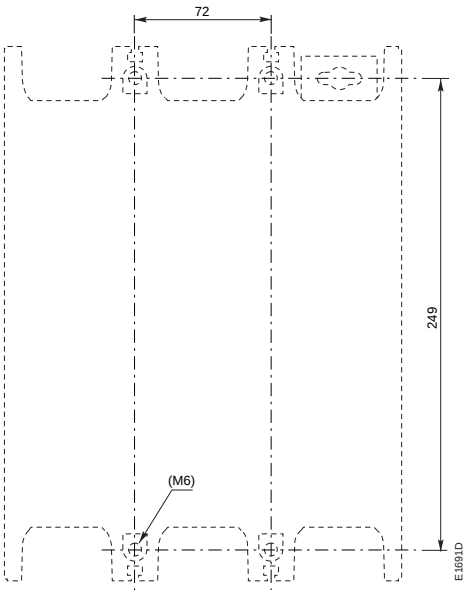
**AF 400, AF 460 c/w 1 x CAL18
+ E 500 DU electronic O/L relay**



Dimensions (in mm)



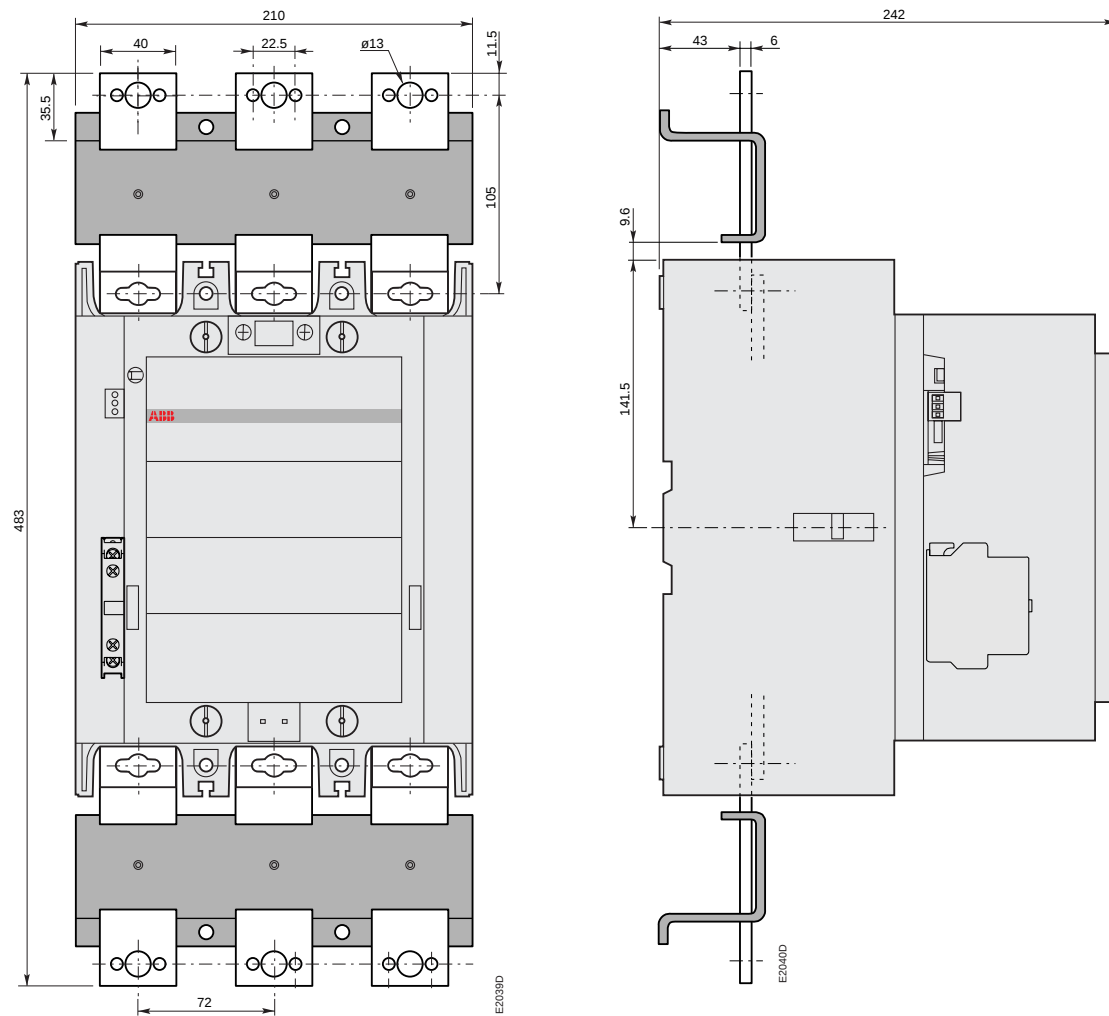
AF 580, AF 750 c/w 1 x CAL18



AF 580, AF 750 drilling plan

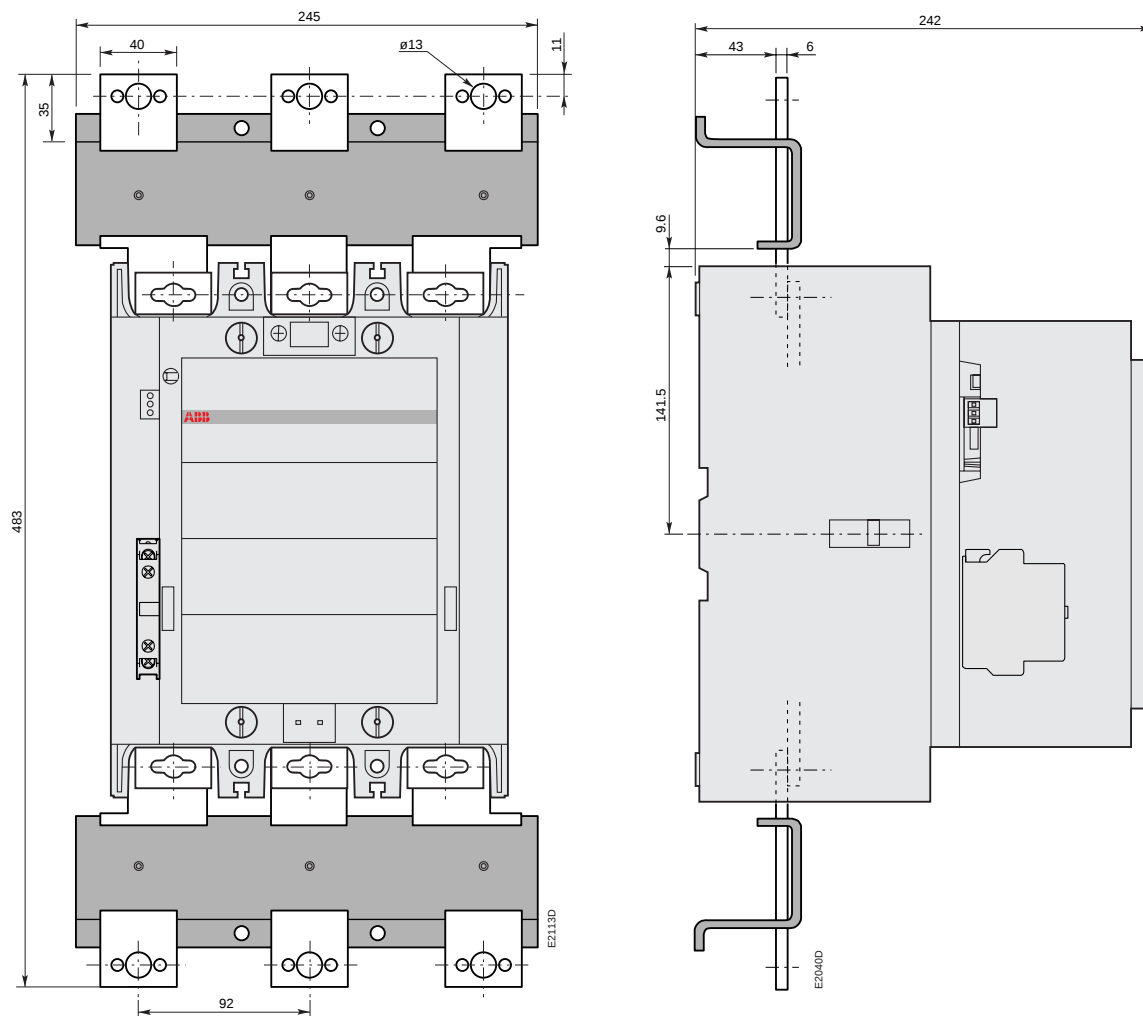


Dimensions (in mm)



**AF 580, AF 750 c/w 1 x CAL18
+ LX 750 terminal extension**

Dimensions (in mm)

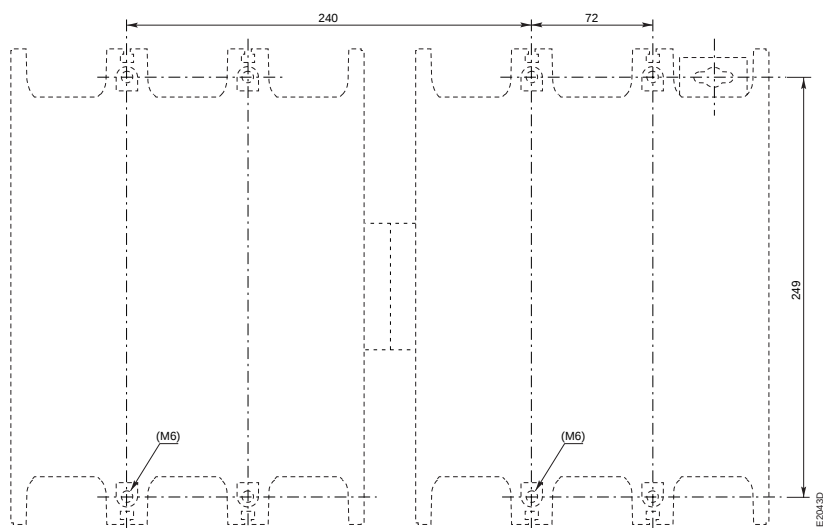
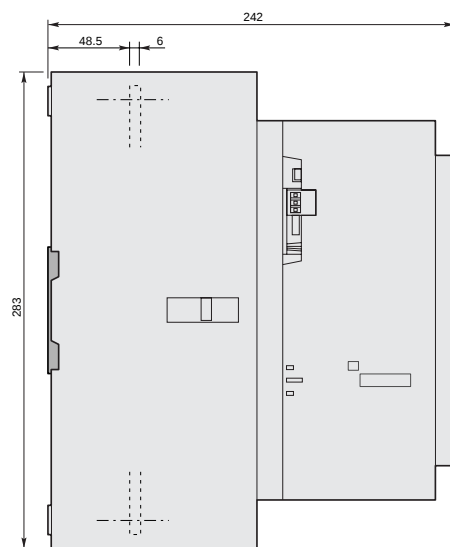
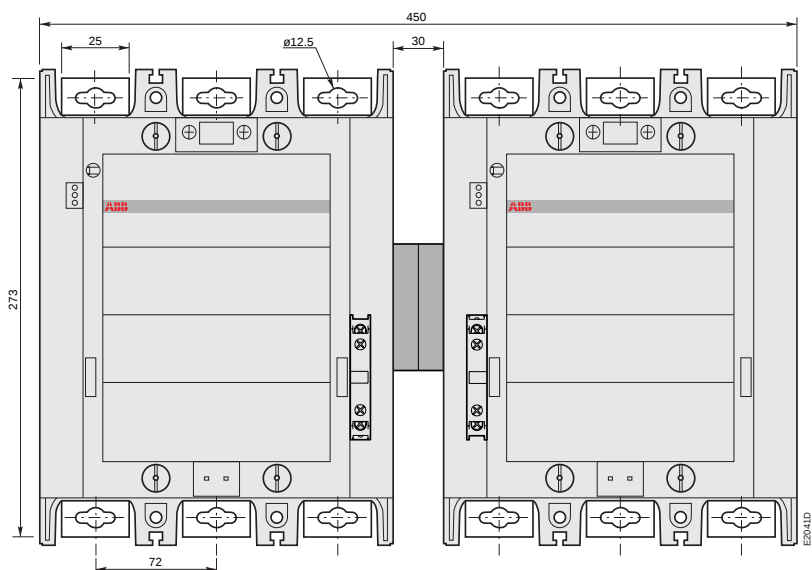


**AF 580, AF 750 c/w 1 x CAL18
+ LW 750 terminal enlargement**

AF 580 and AF 750 3-pole Contactors



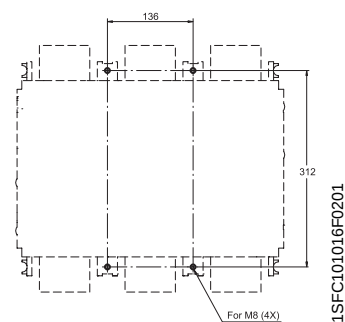
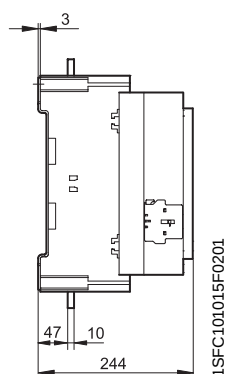
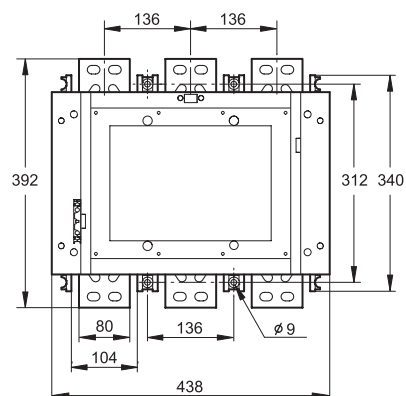
Dimensions (in mm)



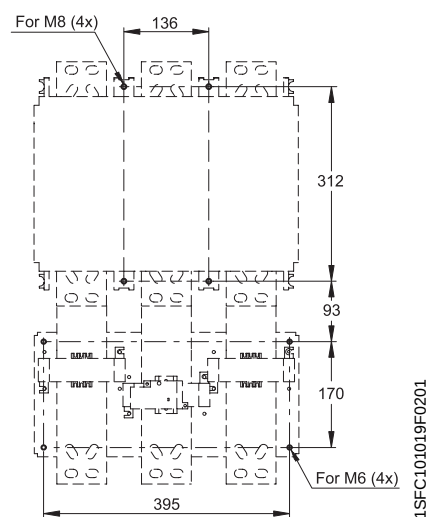
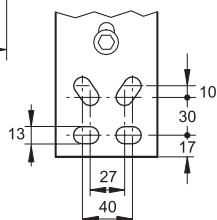
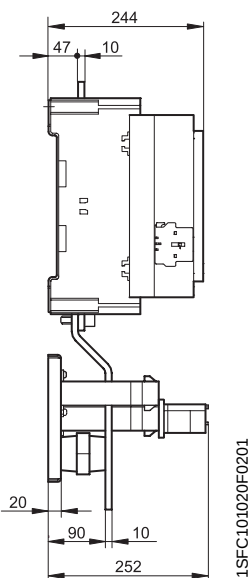
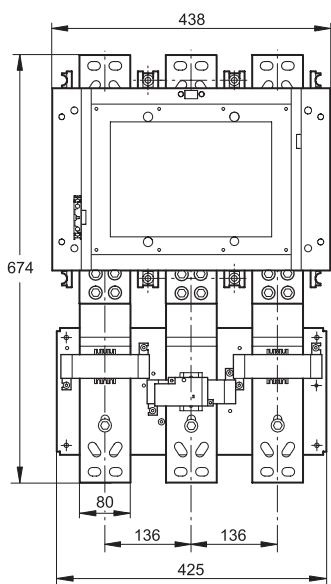
**AF 580, AF 750 c/w 1 x CAL18
+ VM 750H mechanical interlock unit**

Technical drawing of a mechanical part with dimensions:

- Overall width: 40
- Distance between hole centers: 27
- Overall height: 30
- Distance from top edge to hole center line: 17
- Distance from bottom edge to hole center line: 10
- Distance from left edge to hole center line: 13



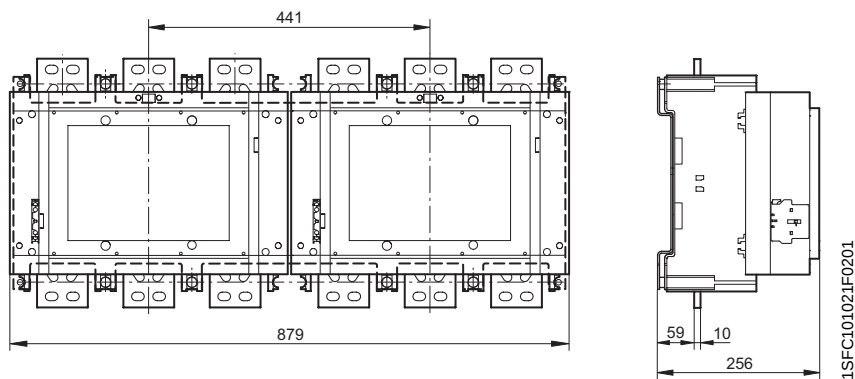
Drilling plan



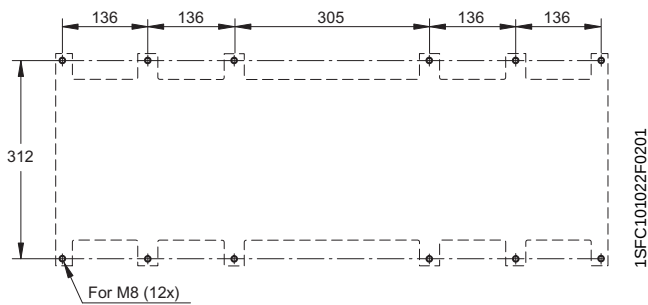
Drilling plan



Dimensions (in mm)



AF 1350, AF 1650

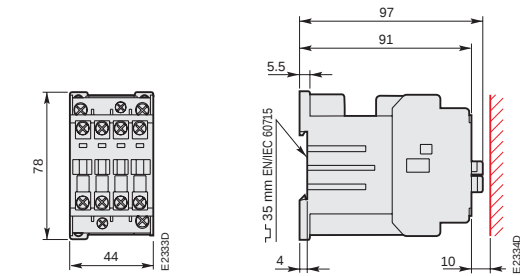


Drilling plan

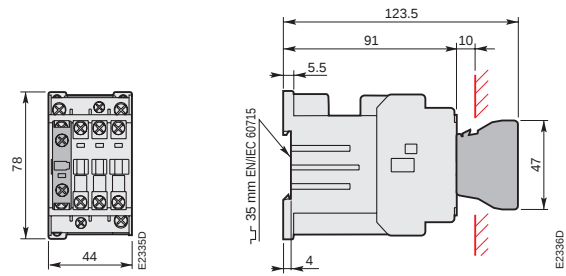
AL 9 ... 16, AL..Z., TAL9 ... 16 3-pole Contactors



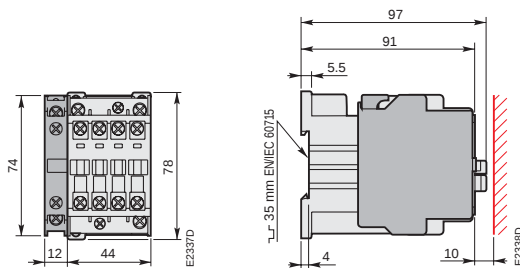
Dimensions (in mm)



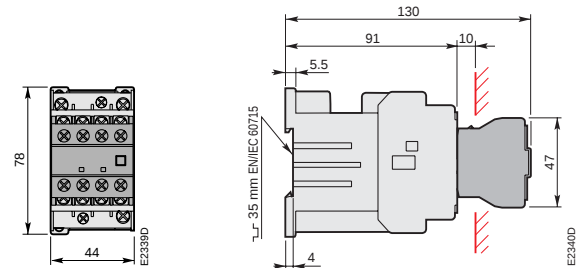
**AL 9 ... AL 16, AL..Z..
TAL 9 ... TAL 16**



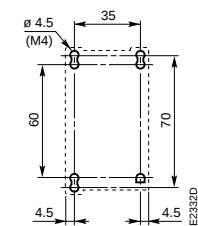
**AL 9 ... AL 16, AL..Z..
TAL 9 ... TAL 16
+ CA 5 front-mounted 1-pole auxiliary contact block**



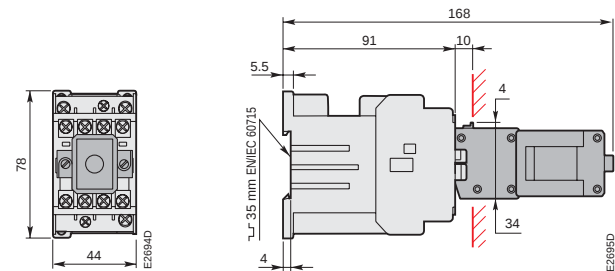
**AL 9 ... AL 16
TAL 9 ... TAL 16
+ CAL 5 side-mounted 2-pole auxiliary contact block**



**AL 9 ... AL 16
TAL 9 ... TAL 16
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions**



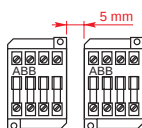
**AL 9 ... AL 16, AL..Z..
TAL 9 ... TAL 16
drilling plan**



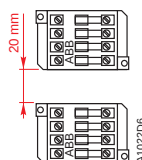
**AL 9 ... AL 16, AL..Z..
TAL 9 ... TAL 16
+ WB 75-A on-position latch**

Mounting distance (for side by side mounting)

TAL9 ... TAL16
Position 1, 2, 5
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$

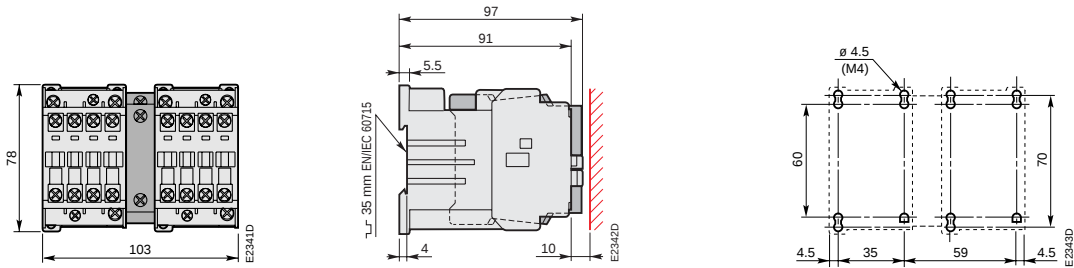


TAL9 ... TAL16
Position 3, 4
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$

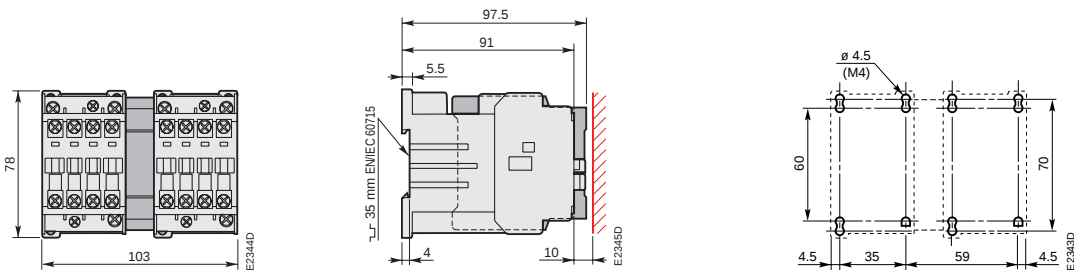




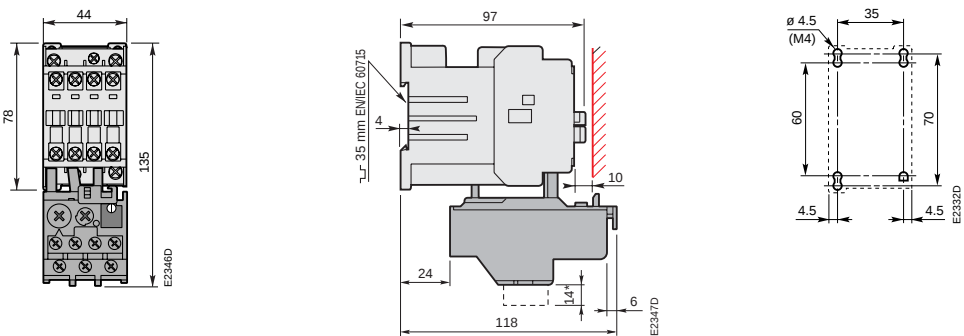
Dimensions (in mm)



**AL 9 ... AL 16
TAL 9 ... TAL 16
+ VE 5-1 electrical and mechanical interlock unit**



**AL 9 ... AL 16
TAL 9 ... TAL 16
+ VM 5-1 mechanical interlock unit**



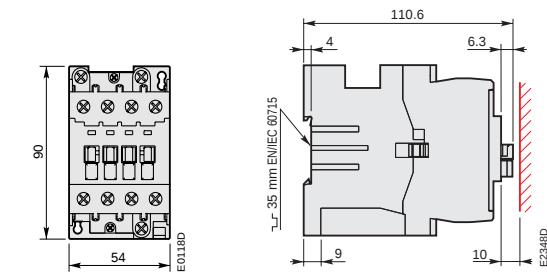
**AL 9, AL 12, AL 16
AL 9 Z, AL 12 Z, AL 16 Z
TAL 9, TAL 12, TAL 16
+ TA 25 DU thermal O/L relay**

* For TA 25 DU 32 only

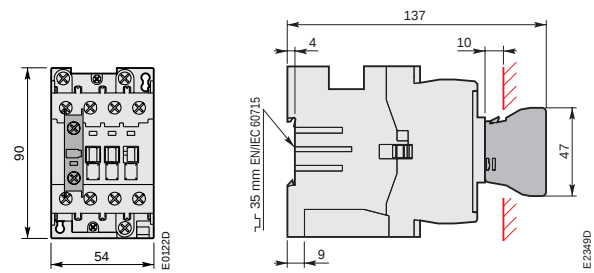
AL 26, TAL 26 3-pole Contactors



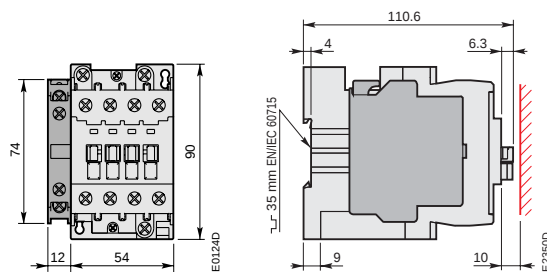
Dimensions (in mm)



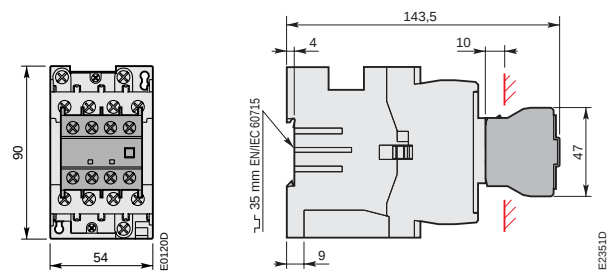
AL 26, TAL 26



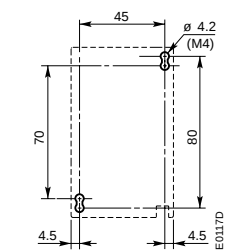
AL 26, TAL 26
+ CA 5 front-mounted 1-pole auxiliary contact block



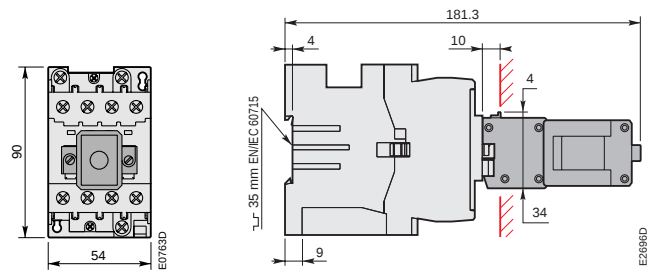
AL 26, TAL 26
+ CAL 5 side-mounted 2-pole auxiliary contact block



AL 26, TAL 26
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions



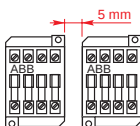
AL 26, TAL 26 - drilling plan



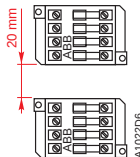
AL 26, TAL 26
+ WB 75-A on-position latch

Mounting distance (for side by side mounting)

TAL 26
Position 1, 2, 5
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$



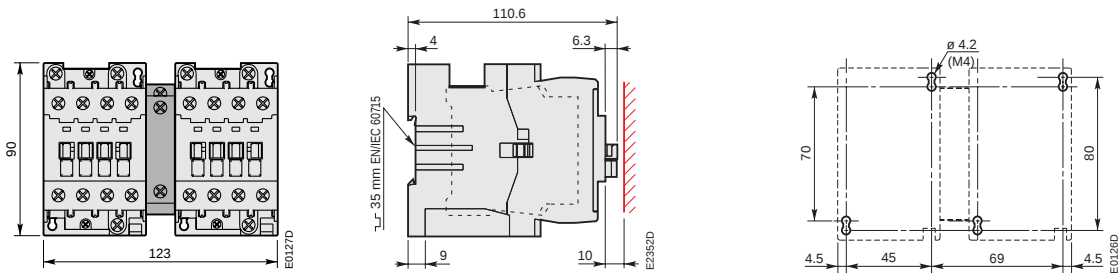
TAL 26
Position 3, 4
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$



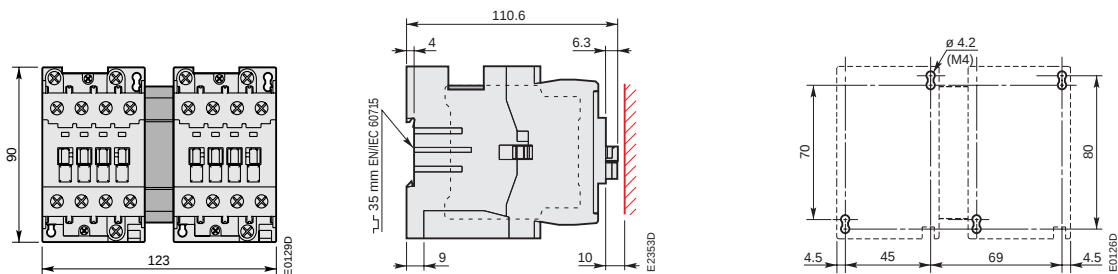
AL 26, TAL 26 3-pole Contactors



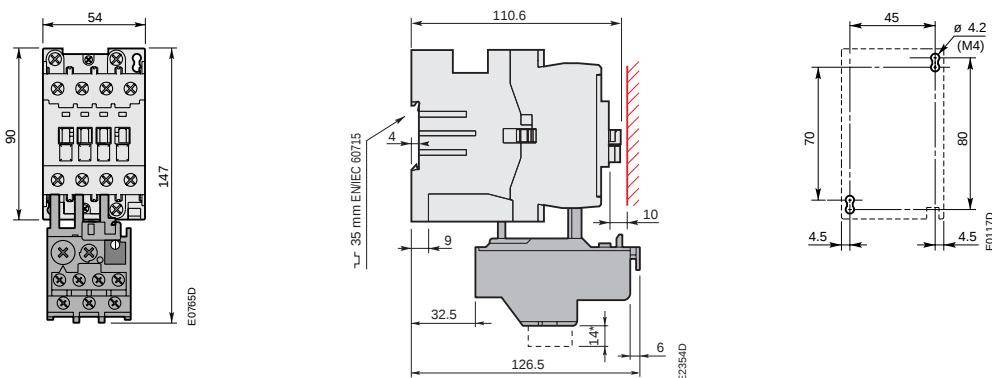
Dimensions (in mm)



AL 26, TAL 26 + VE 5-1 electrical and mechanical interlock unit



AL 26, TAL 26 + VM 5-1 mechanical interlock unit



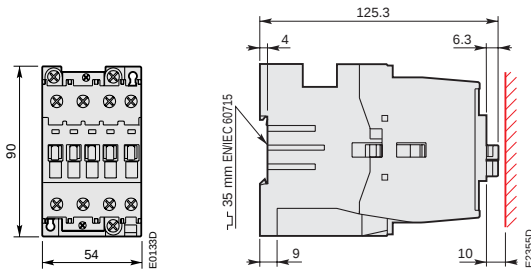
AL 26, TAL 26 + TA 25 DU thermal O/L relay

* For TA 25 DU 32 only

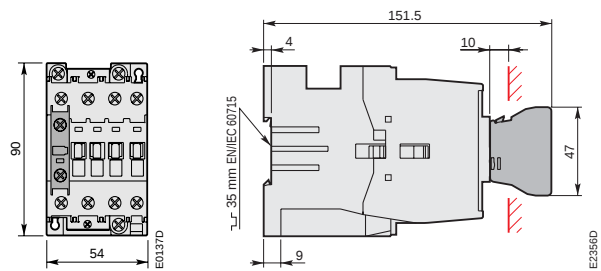
AL 30, AL 40, TAL 30, TAL 40 3-pole Contactors



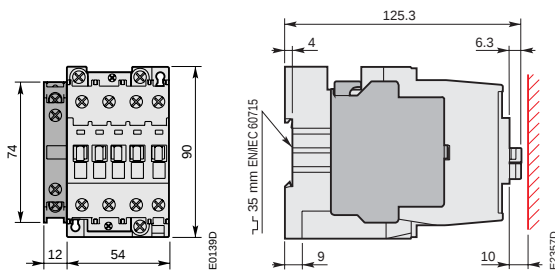
Dimensions (in mm)



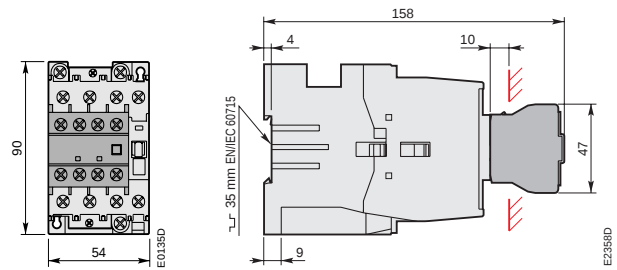
AL 30, AL 40, TAL 30, TAL 40



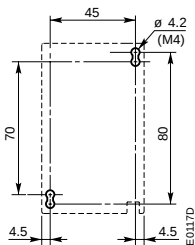
AL 30, AL 40, TAL 30, TAL 40
+ CA 5 front-mounted 1-pole auxiliary contact block



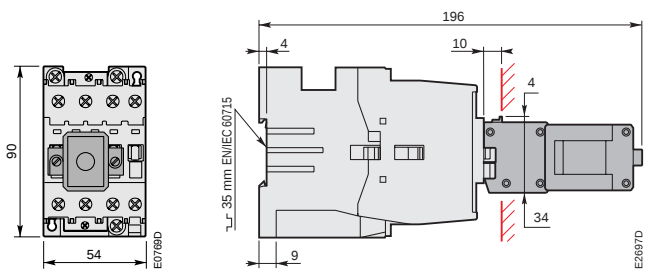
AL 30, AL 40, TAL 30, TAL 40
+ CAL 5 side-mounted 2-pole auxiliary contact block



AL 30, AL 40, TAL 30, TAL 40
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions



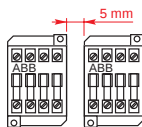
AL 30, AL 40, TAL 30, TAL 40 - drilling plan



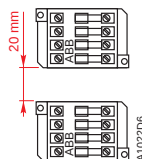
AL 30, AL 40, TAL 30, TAL 40
+ WB 75-A on-position latch

Mounting distance (for side by side mounting)

TAL 30, TAL 40
Position 1, 2, 5
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$

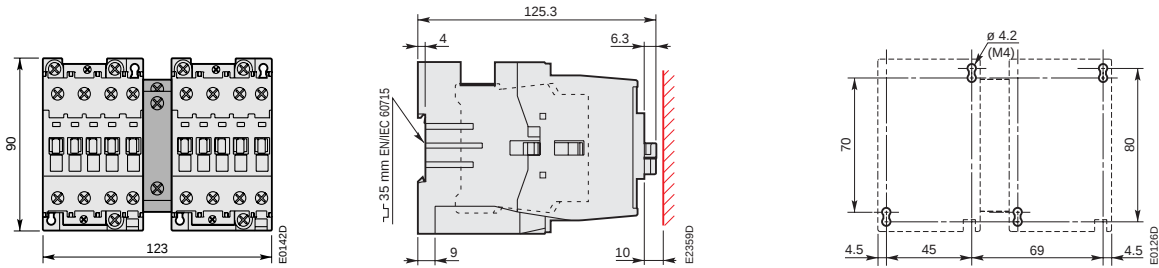


TAL 30, TAL 40
Position 3, 4
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$

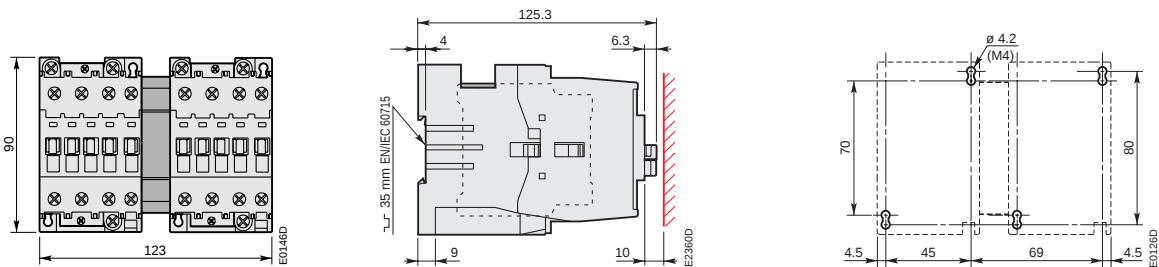




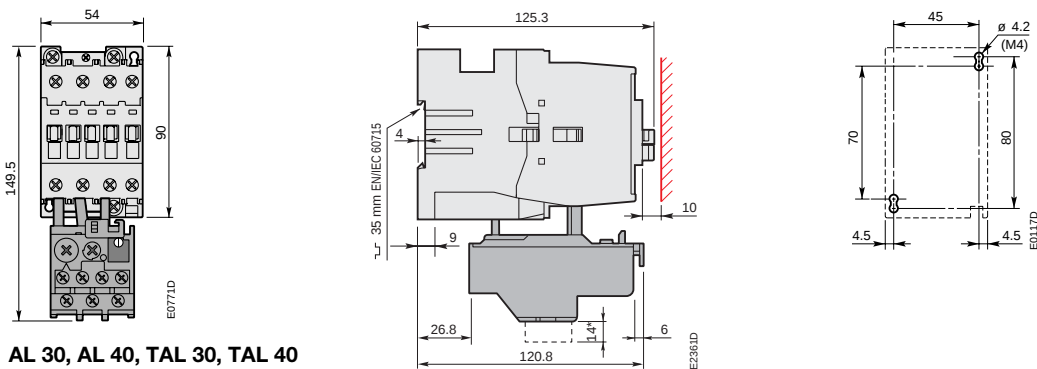
Dimensions (in mm)



AL 30, AL 40, TAL 30, TAL 40
+ VE 5-1 electrical and mechanical interlock unit

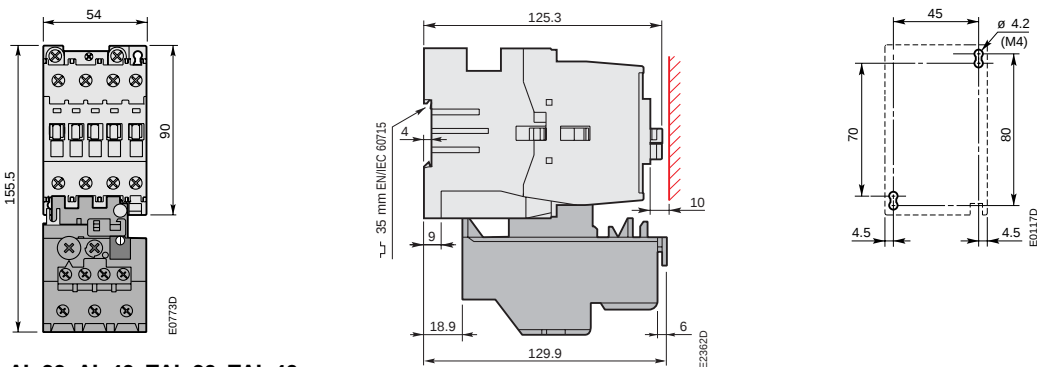


AL 30, AL 40, TAL 30, TAL 40
+ VM 5-1 mechanical interlock unit



AL 30, AL 40, TAL 30, TAL 40
+ TA 25 DU thermal O/L relay

* For TA 25 DU 32 only

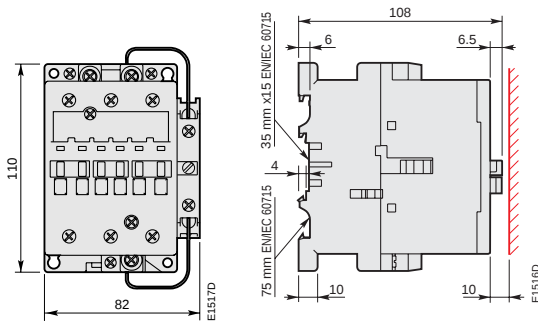


AL 30, AL 40, TAL 30, TAL 40
+ TA 42 DU thermal O/L relay

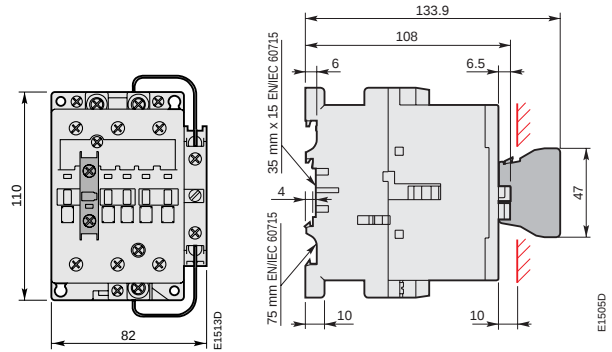
AE 50, AE 63 and AE 75 3-pole Contactors TAE 50 and TAE 75 3-pole Contactors



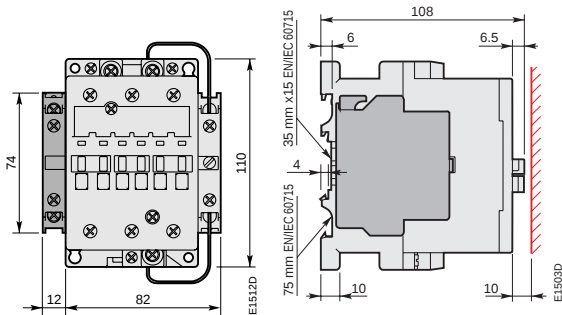
Dimensions (in mm)



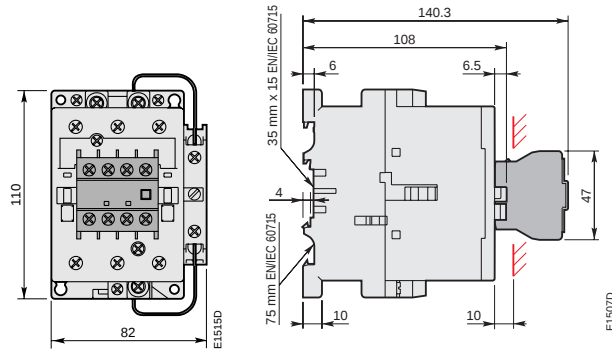
AE 50, AE 63, AE 75, TAE 50, TAE 75



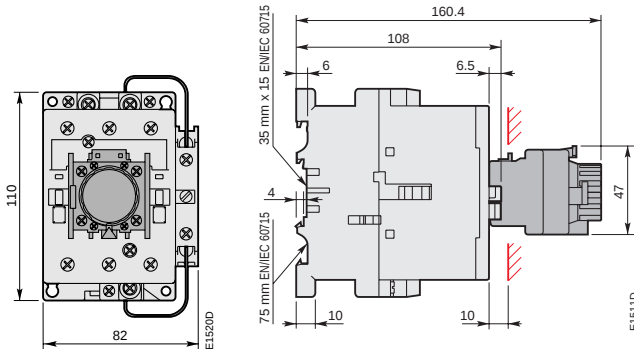
AE 50, AE 63, AE 75, TAE 50, TAE 75
+ CA 5 front-mounted 1-pole auxiliary contact block



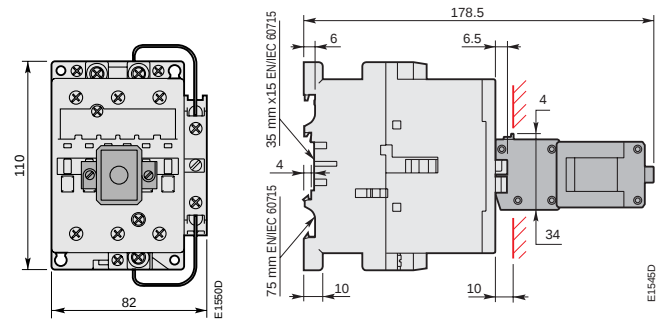
AE 50, AE 63, AE 75, TAE 50, TAE 75
+ CAL 5 side-mounted 2-pole auxiliary contact block



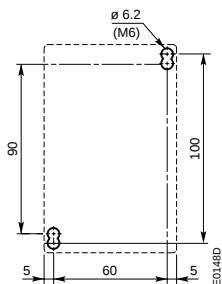
AE 50, AE 63, AE 75, TAE 50, TAE 75
+ CA 5 front-mounted 4-pole auxiliary contact block



AE 50, AE 63, AE 75, TAE 50, TAE 75
+ TP pneumatic timer



AE 50, AE 63, AE 75, TAE 50, TAE 75
+ WB 75-A on-position latch

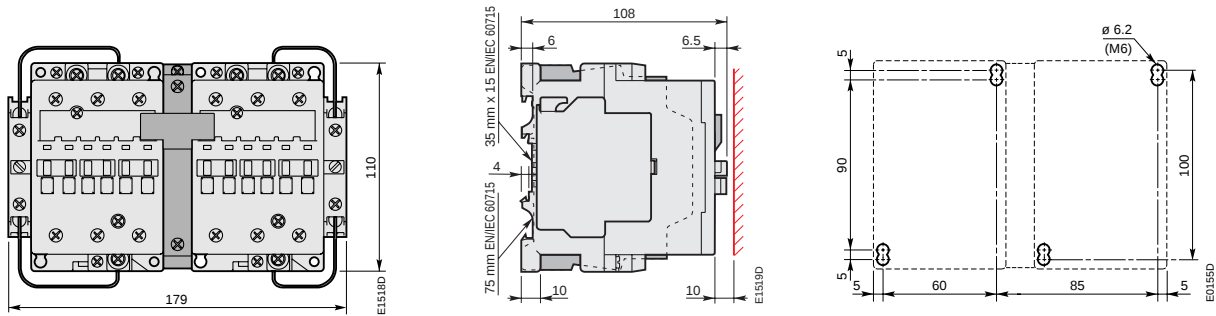


AE 50, AE 63, AE 75, TAE 50, TAE 75 drilling plan

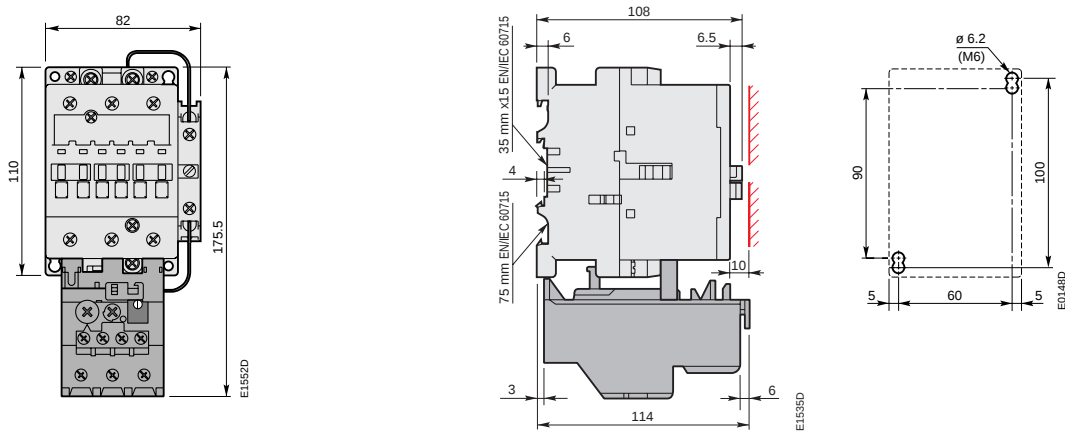
AE 50, AE 63 and AE 75 3-pole Contactors TAE 50 and TAE 75 3-pole Contactors



Dimensions (in mm)



**AE 50, AE 63, AE 75, TAE 50, TAE 75
+ VE 5-2 electrical and mechanical interlock unit**

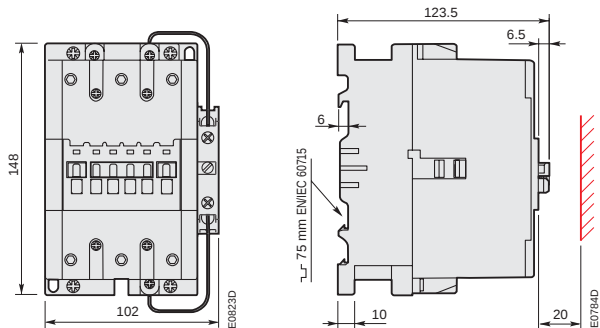


**AE 50, AE 63, AE 75, TAE 50, TAE 75
+ TA 75 DU thermal O/L relay**

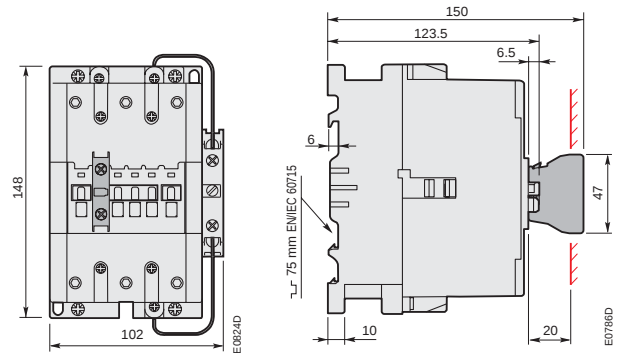
AE 95 and AE 110 3-pole Contactors TAE 95 and TAE 110 3-pole Contactors



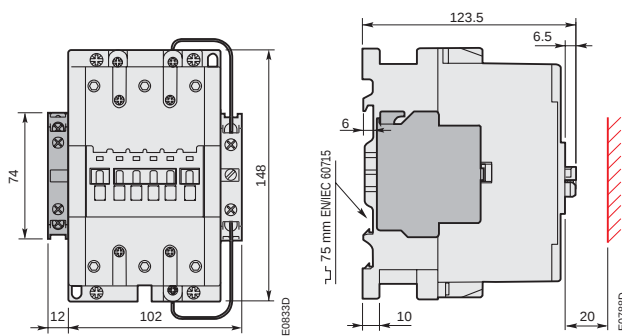
Dimensions (in mm)



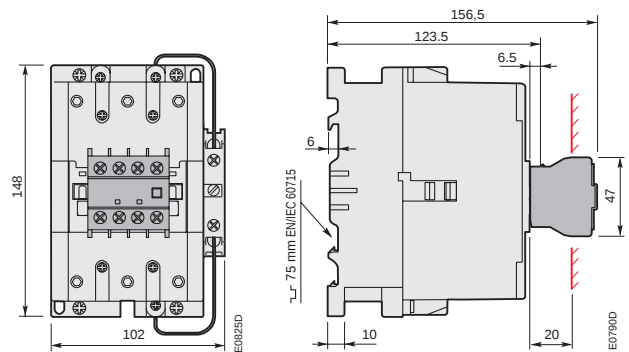
AE 95, AE 110, TAE 95, TAE 110



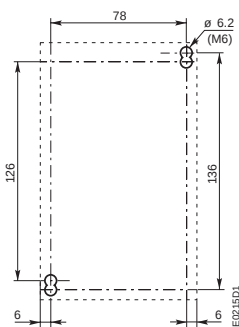
AE 95, AE 110, TAE 95, TAE 110
+ CA 5 front-mounted 1-pole auxiliary contact block



AE 95, AE 110, TAE 95, TAE 110
+ CAL 18 side-mounted 2-pole auxiliary contact block



AE 95, AE 110, TAE 95, TAE 110
+ CA 5 front-mounted 4-pole auxiliary contact block

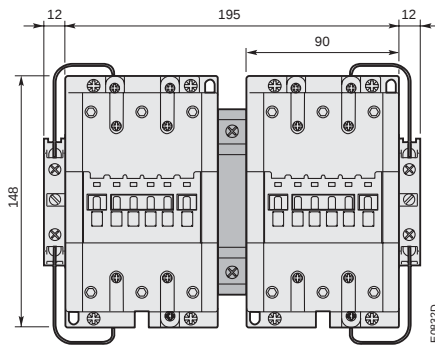


AE 95, AE 110, TAE 95, TAE 110 drilling plan

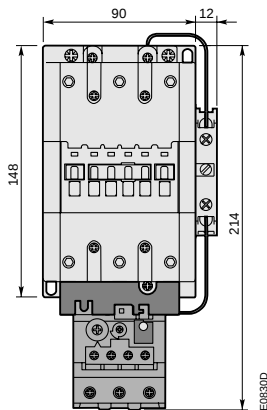
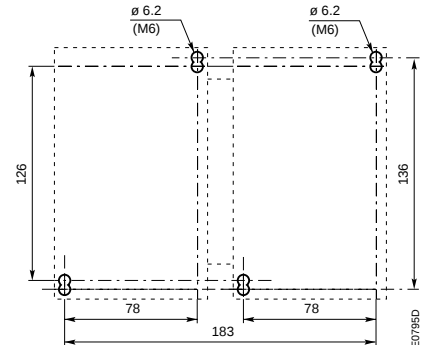
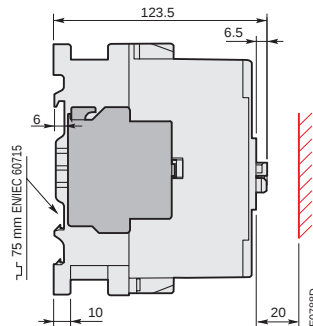
AE 95 and AE 110 3-pole Contactors TAE 95 and TAE 110 3-pole Contactors



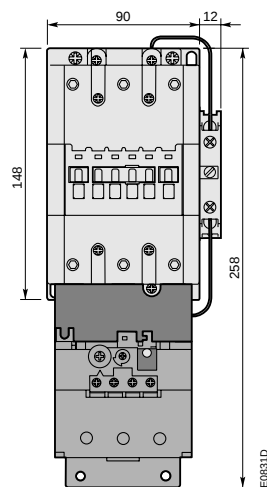
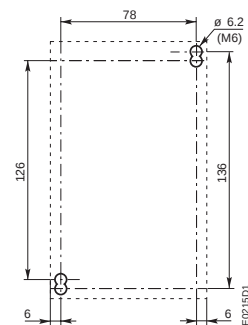
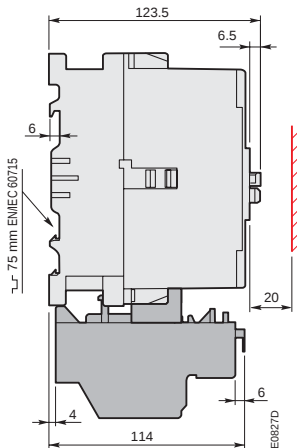
Dimensions (in mm)



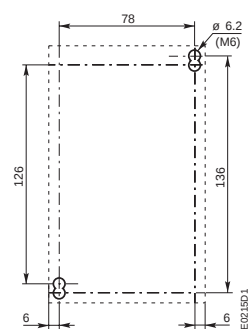
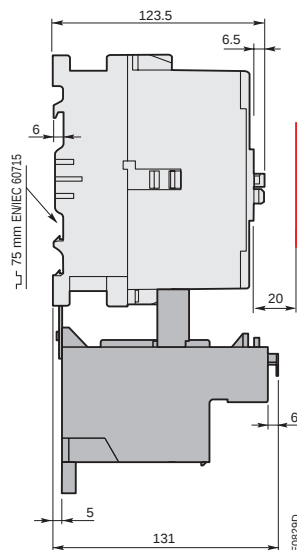
**AE 95, AE 110, TAE 95, TAE 110
+ VE 5-2 electrical and mechanical interlock unit**



**AE 95, AE 110, TAE 95, TAE 110
+ TA 80 DU thermal O/L relay**

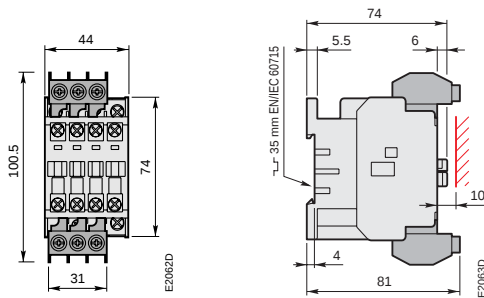


**AE 95, AE 110, TAE 95, TAE 110
+ TA 110 DU thermal O/L relay**

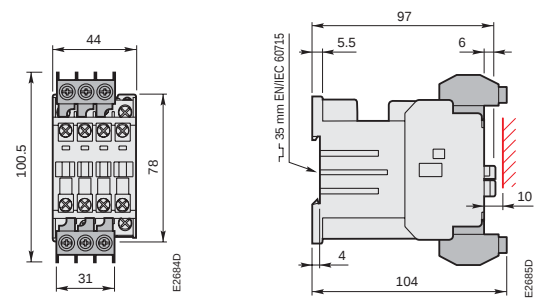


A... Series Contactors with LD.. Additional Terminal Blocks

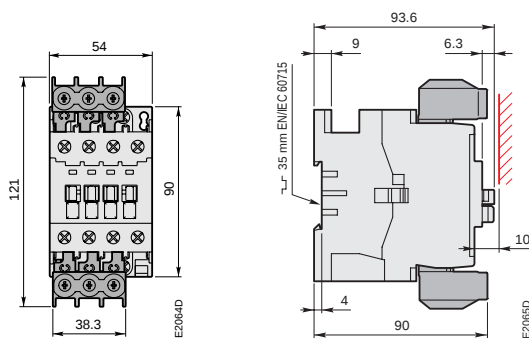
Dimensions (in mm)



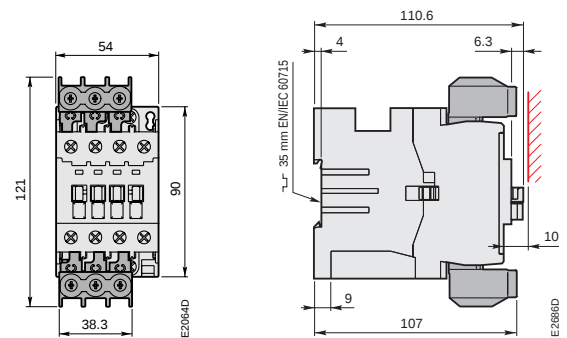
**A 9, A 12, A 16, UA 16 contactors
+ 2 x LD 16**



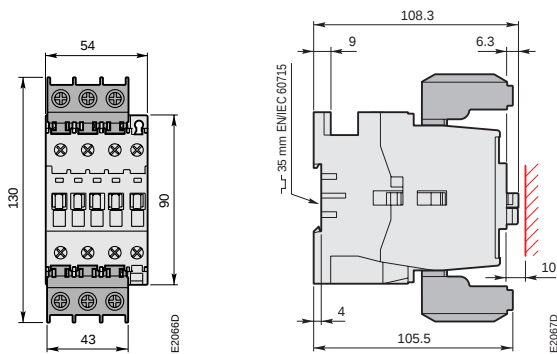
**AL 9, AL 12, AL 16, TAL 9, TAL 12, TAL 16 contactors
+ 2 x LD 16**



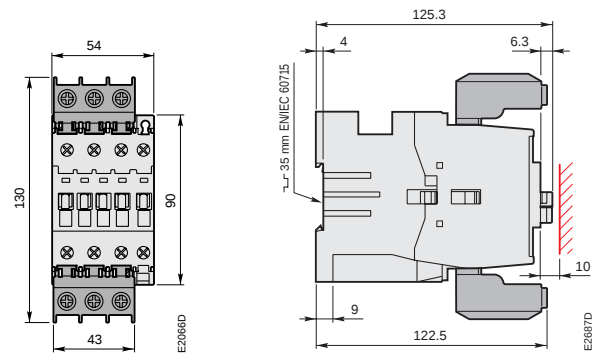
**A 26, UA 26 contactors
+ 2 x LD 26**



**AL 26, TAL 26 contactors
+ 2 x LD 26**



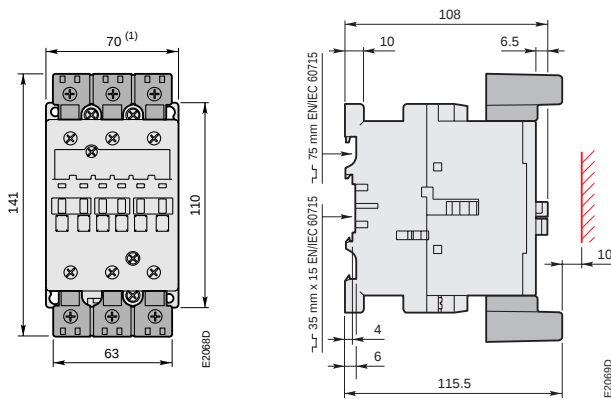
**A 30, A 40, UA 30 contactors
+ 2 x LD 40**



**AL 30, AL 40, TAL 30, TAL 40 contactors
+ 2 x LD 40**

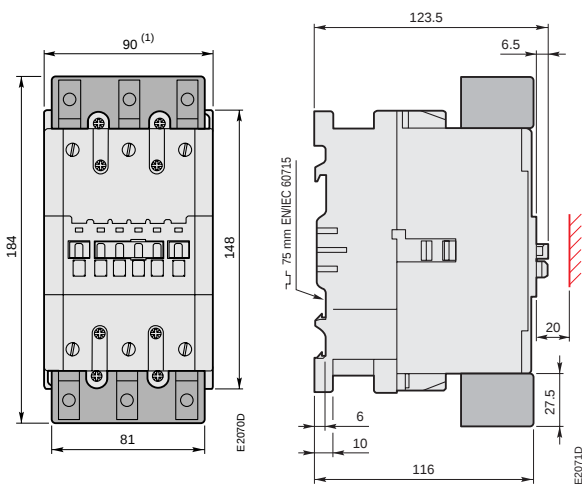
A... Series Contactors with LD.. Additional Terminal Blocks

Dimensions (in mm)



**A 50, A 63, A 75, AF 50, AF 63, AF 75, AE 50, AE 63, AE 75,
TAE 50, TAE 75, UA 50, UA 63, UA 75 contactors
+ 2 x LD 75**

(1) For **AE...** and **TAE...** contactors: 82 mm instead 70 mm (specific desing).

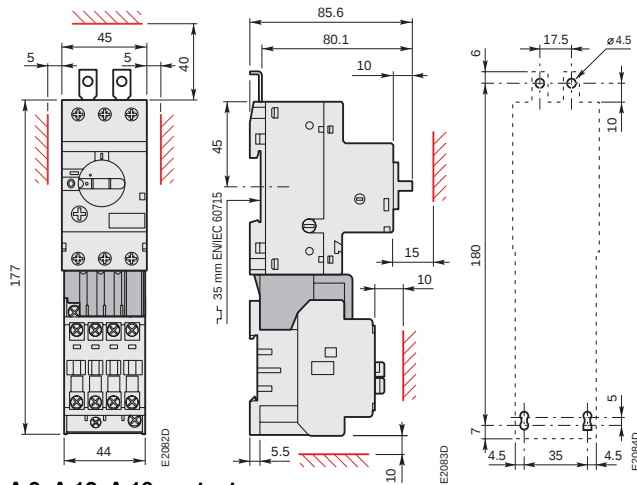


**A 95, A 110, AF 95, AF 110, AE 95, AE 110, TAE 95, TAE 110,
UA 95, UA 110 contactors
+ 2 x LD 110**

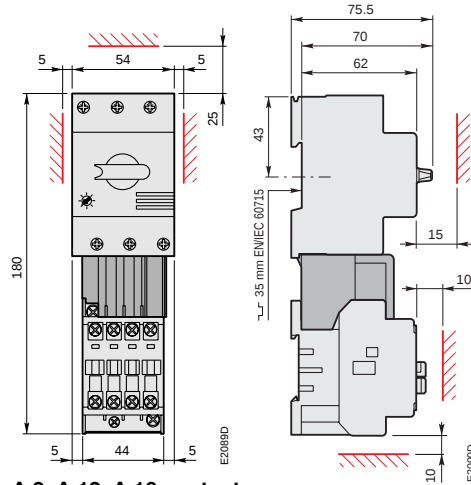
(1) For **AE...** and **TAE...** contactors: 102 mm instead 90 mm (specific desing).

A 9 ... A 26 3-pole Contactors with BEA.. Connecting Links and MMS Direct-On-Line Starter

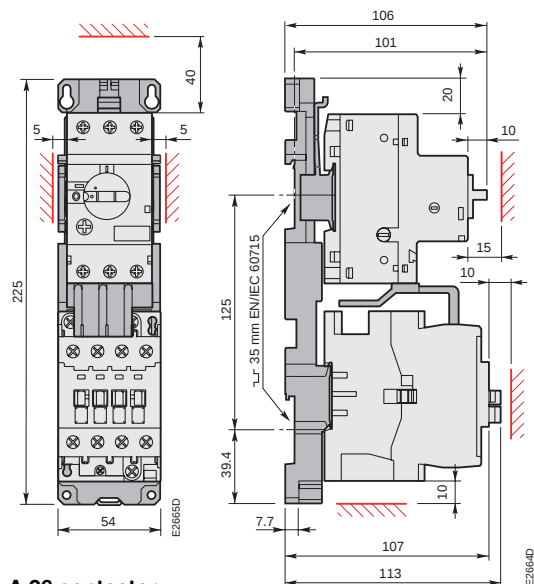
Dimensions (in mm)



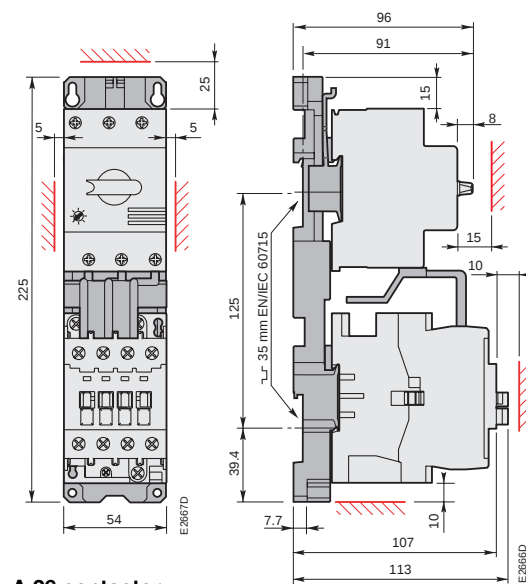
**A 9, A 12, A 16 contactors
+ BEA 16/116
+ MS 116**



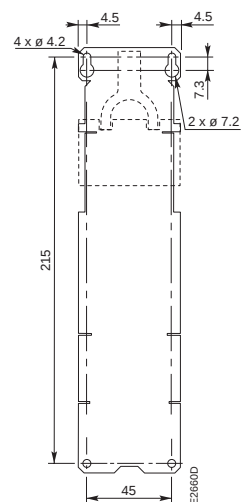
**A 9, A 12, A 16 contactors
+ BEA 16/325
+ MS 325**



**A 26 contactor
+ BEA 26/116
+ MS 116 + PM 26-13**



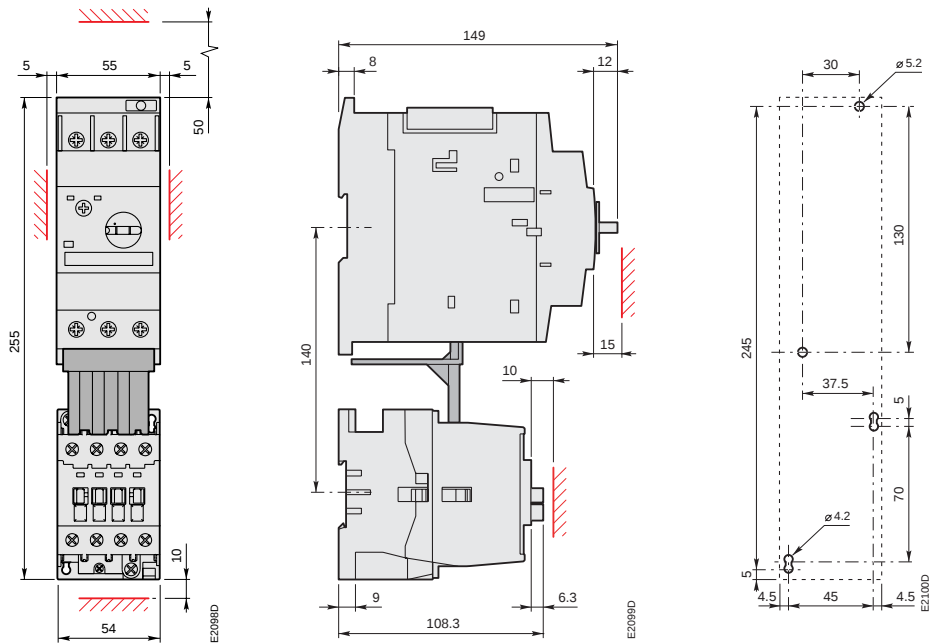
**A 26 contactor
+ BEA 26/325
+ MS 325 + PM 26-13**



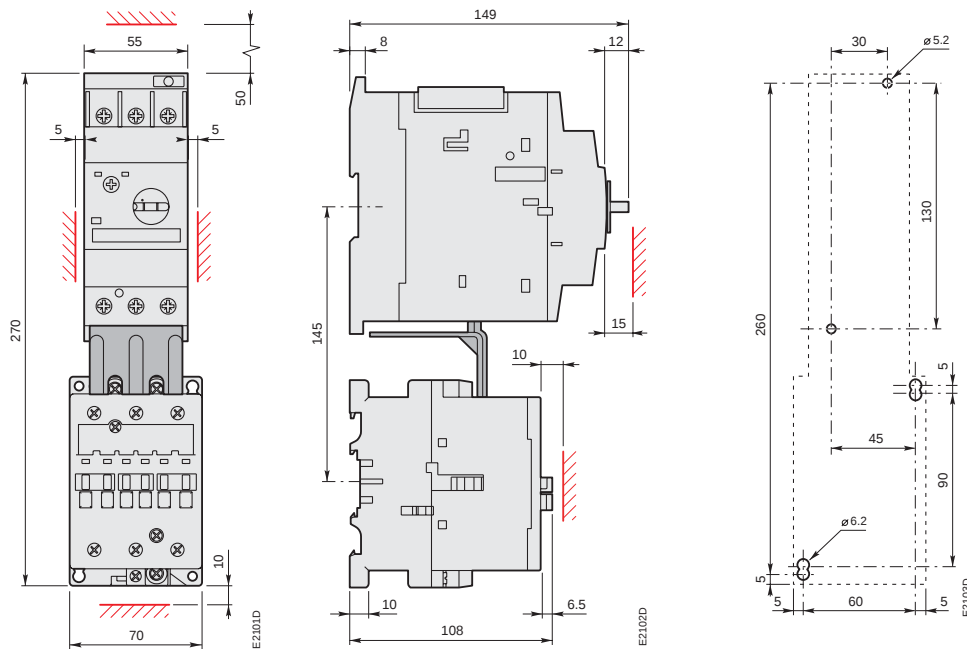
A 26 contactor + BEA.. + MS.. + PM 26-13 Drilling plan

A 30 ... A 50 3-pole Contactors with BEA.. Connecting Links and MMS Direct-On-Line Starter

Dimensions (in mm)



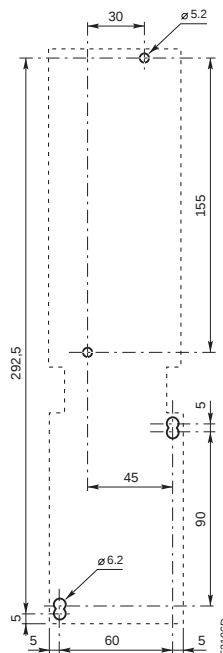
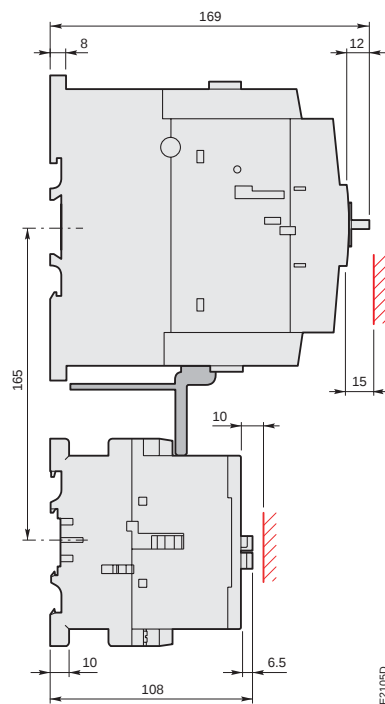
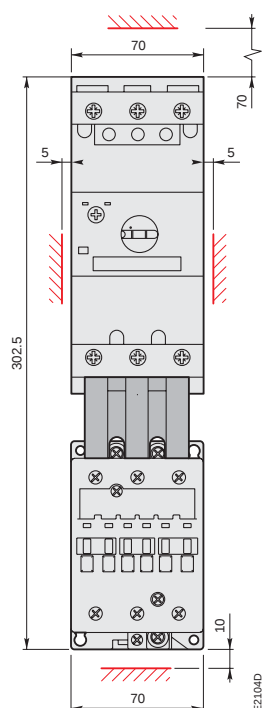
A 30, A 40 contactors
+ BEA 40/450
+ MS 450



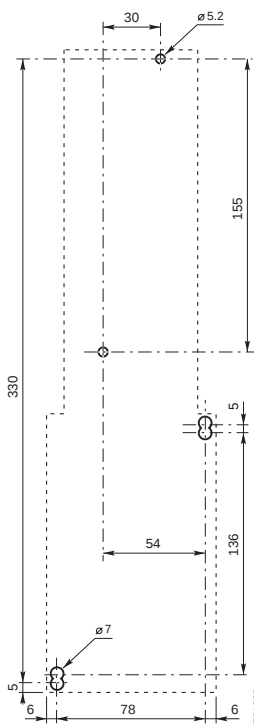
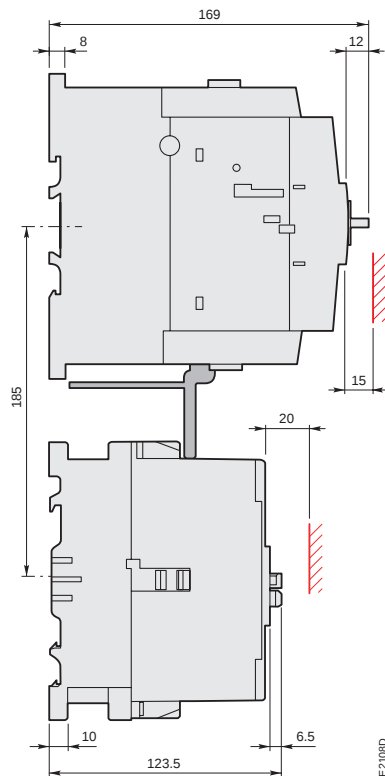
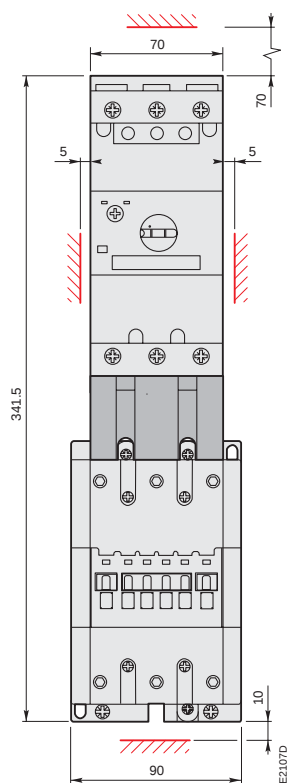
A 50 contactor
+ BEA 50/450
+ MS 450

A 75 ... A 110 3-pole Contactors with BEA.. Connecting Links and MMS Direct-On-Line Starter

Dimensions (in mm)



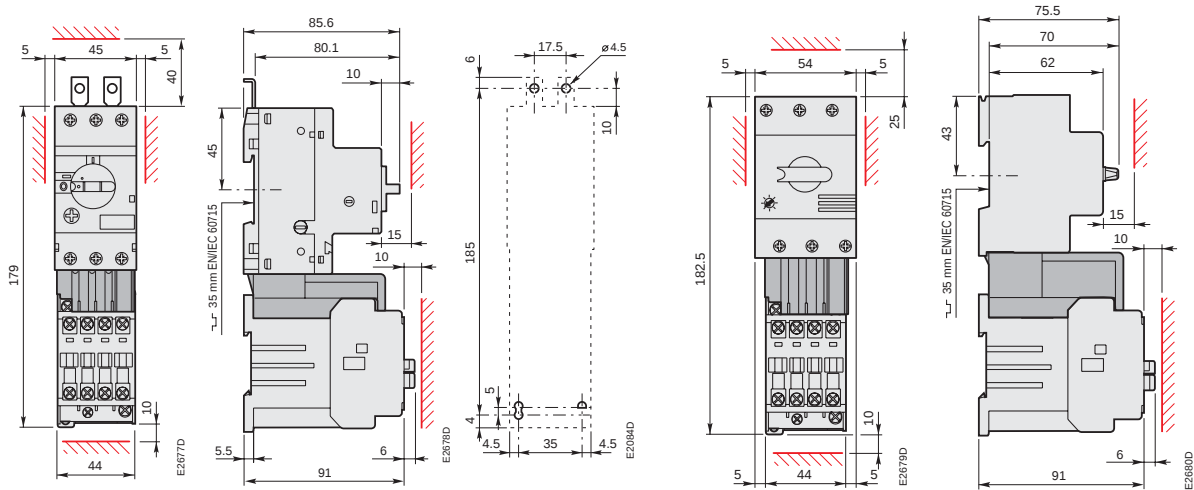
A 75 contactor
+ BEA 75/495
+ MS 495/496



A 95, A 110 contactors
+ BEA 110/495
+ MS 495/496

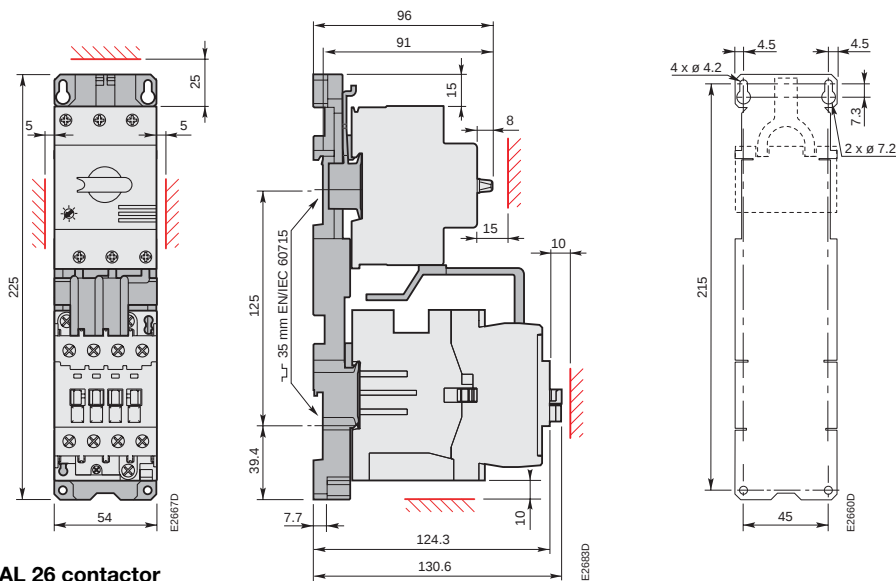
AL 9 ... AL 26 3-pole Contactors with BEA..AL Connecting Links and MMS Direct-On-Line Starter

Dimensions (in mm)



**AL 9, AL 12, AL 16 contactors
+ BEA 16/116AL
+ MS 116**

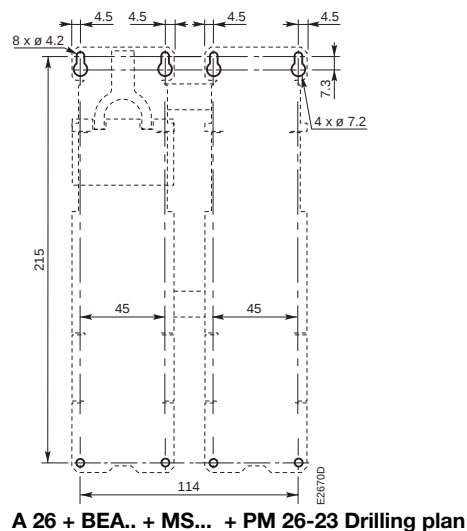
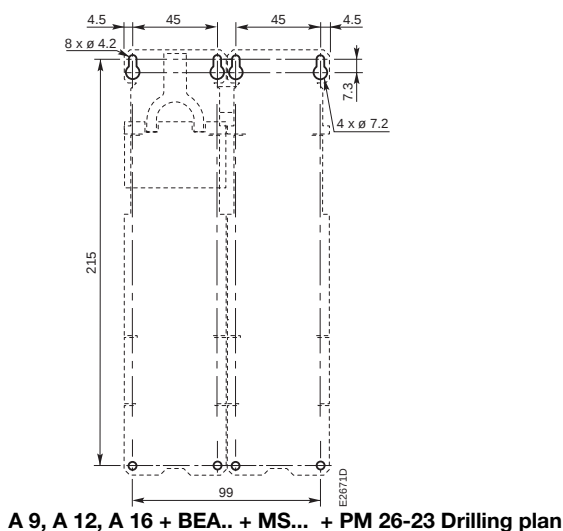
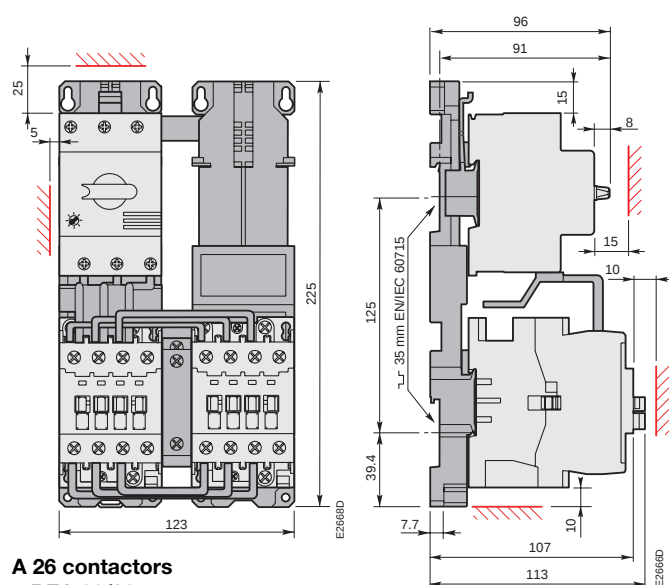
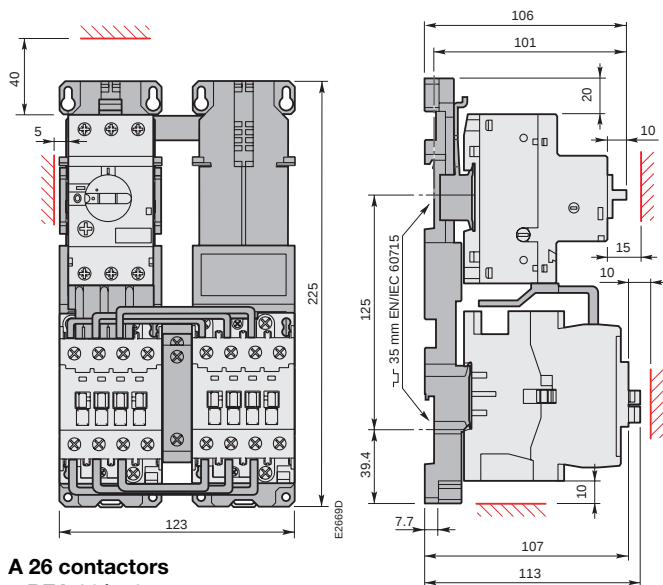
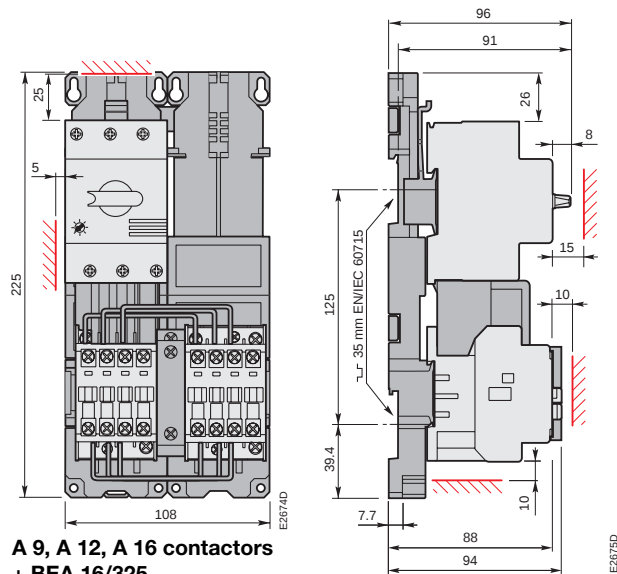
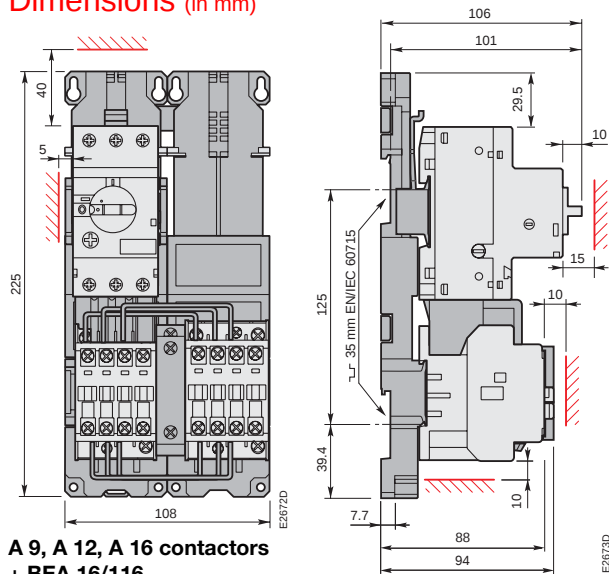
**AL 9, AL 12, AL 16 contactors
+ BEA 16/325AL
+ MS 325**



**AL 26 contactor
+ BEA 26/325AL
+ MS 325
+ PM 26-13**

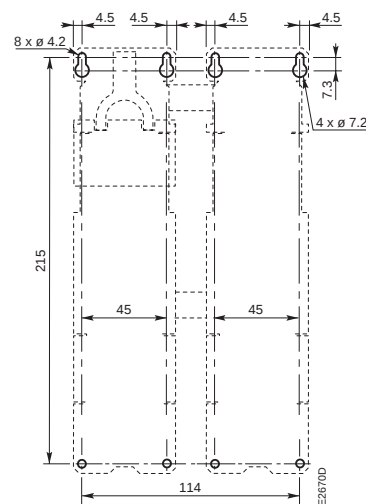
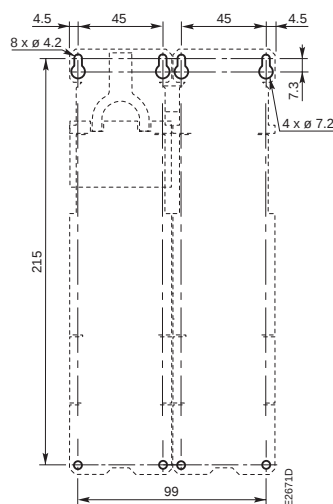
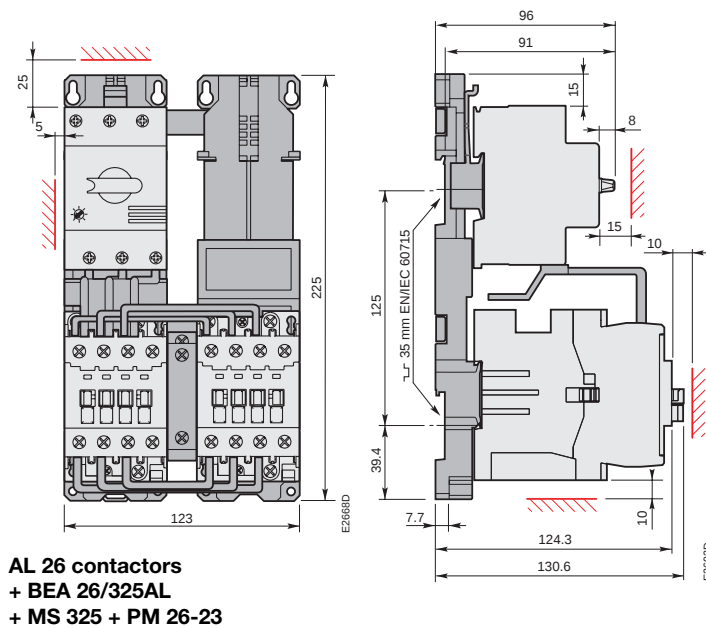
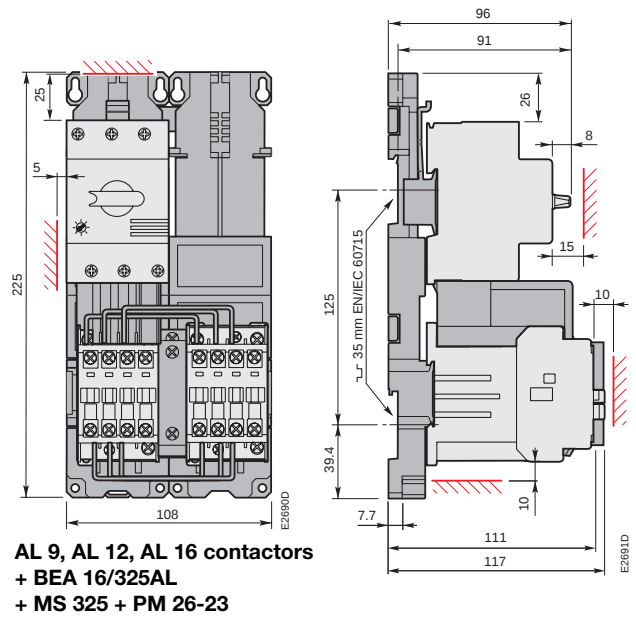
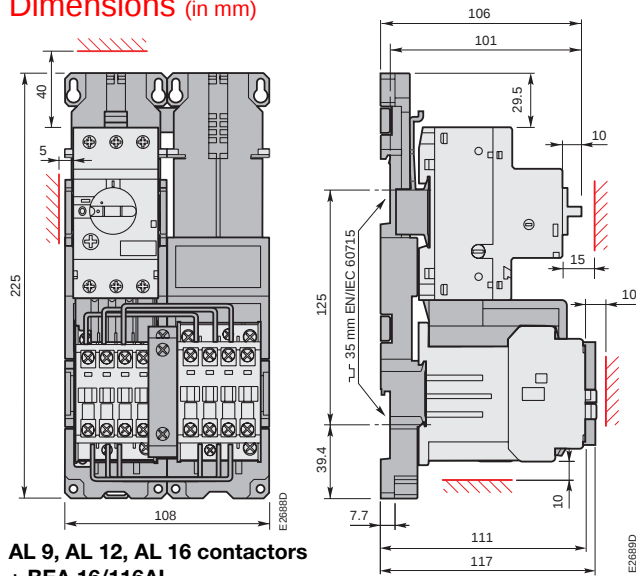
A 9 ... A 26 3-pole Contactors with BEA.. Connecting Links and MMS Reversing Starter

Dimensions (in mm)



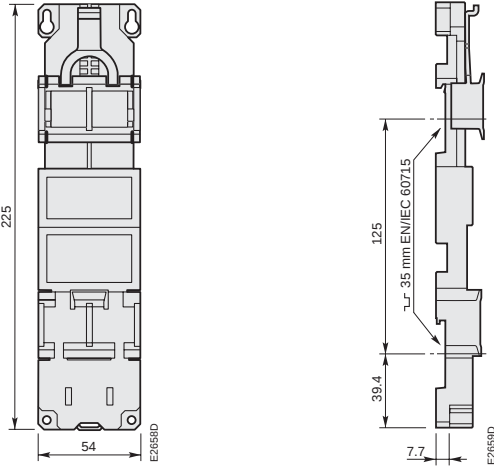
AL 9 ... AL 26 3-pole Contactors with BEA..AL Connecting Links and MMS Reversing Starter

Dimensions (in mm)

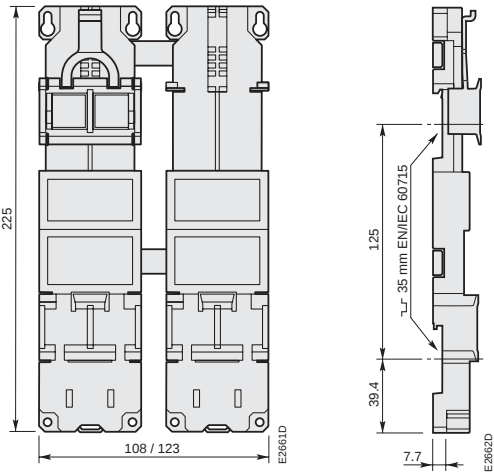
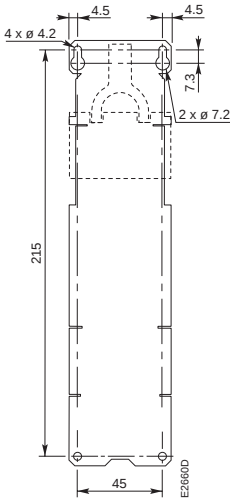


PM 26 Mounting Plates

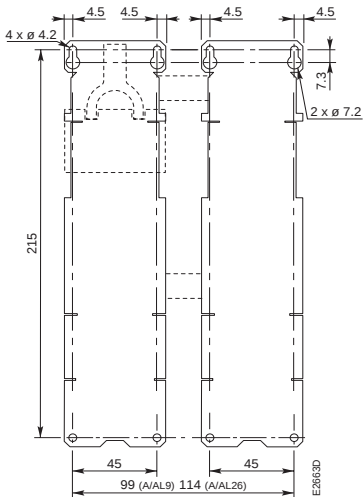
Dimensions (in mm)



PM 26-13



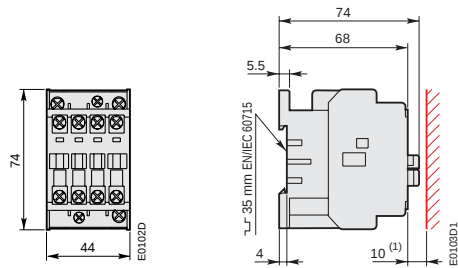
PM 26-23



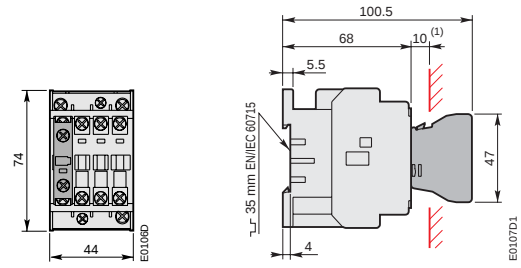
A 9 and A 16 4-pole Contactors N Contactor Relays



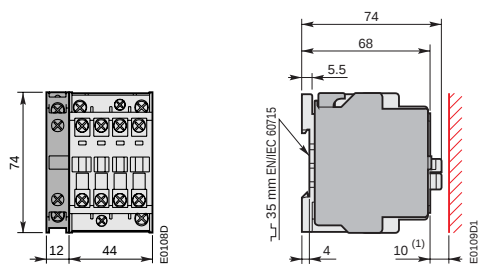
Dimensions (in mm)



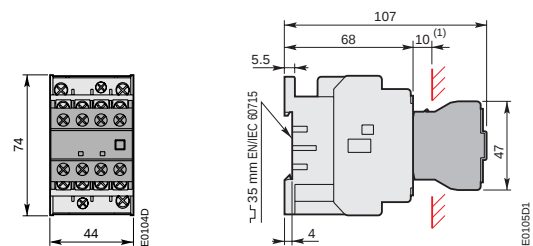
A 9, A 16, N



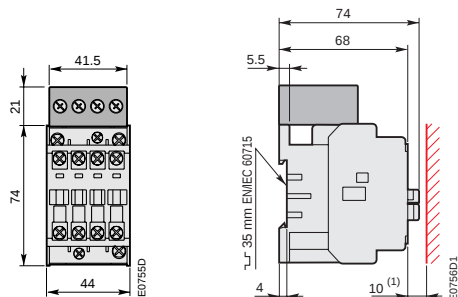
A 9, A 16, N
+ CA 5 front-mounted 1-pole auxiliary contact block



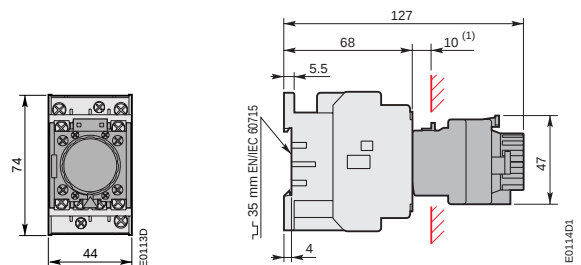
A 9, A 16, N
+ CAL 5 side-mounted 2-pole auxiliary contact block



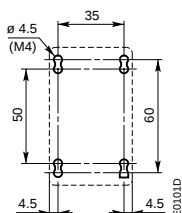
A 9, A 16, N
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions



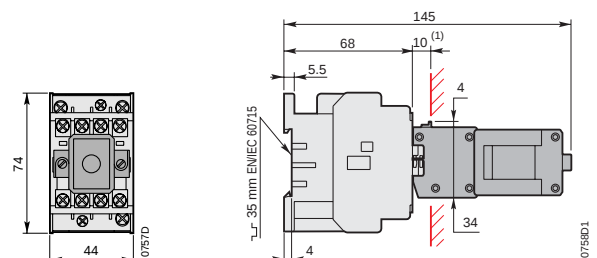
A 9, A 16, N
+ RA 5 interface relay



A 9, A 16, N
+ TP pneumatic timer



A 9, A 16, N drilling plan



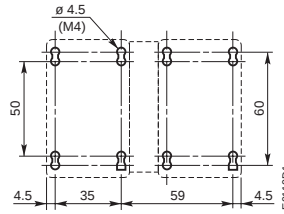
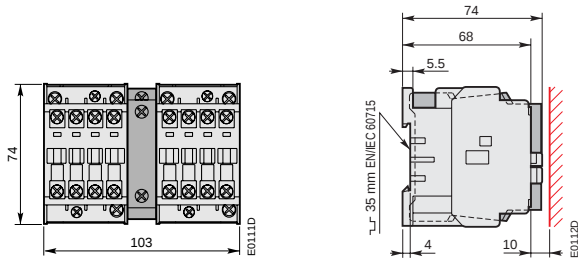
A 9, A 16, N
+ WB 75-A on-position latch

(1) Note : no recommended distance to earth applicable to "N" contactor relays.

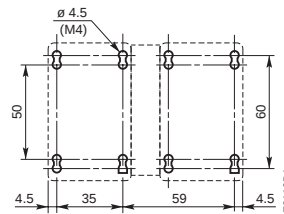
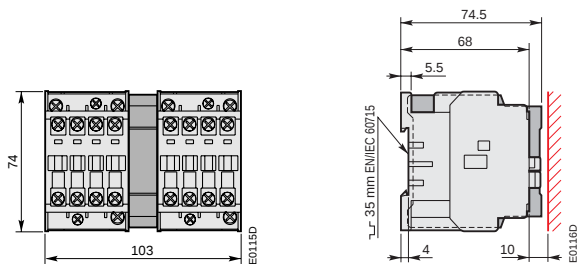
A 9 and A 16 4-pole Contactors



Dimensions (in mm)



A 9-40, A 16-40
+ VE 5-1 electrical and mechanical interlock unit

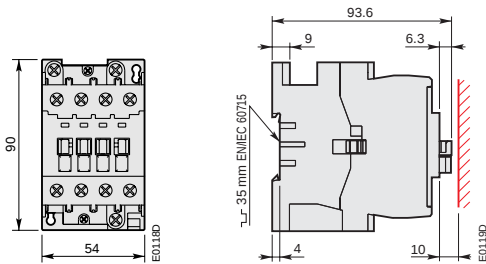


A 9-40, A 16-40
+ VM 5-1 mechanical interlock unit

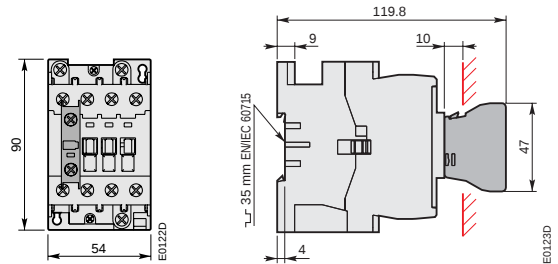
A 26 4-pole Contactor



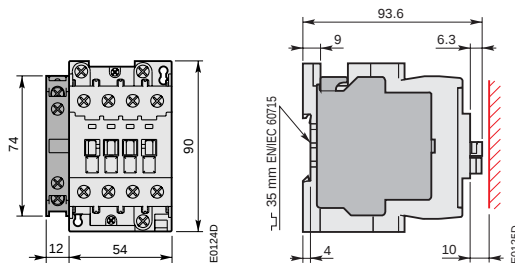
Dimensions (in mm)



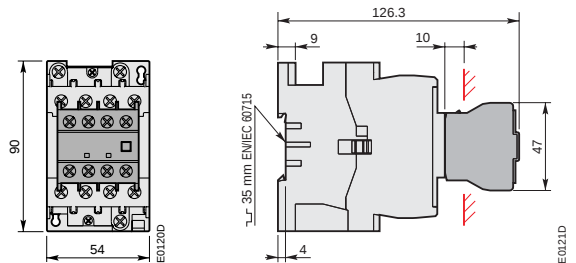
A 26



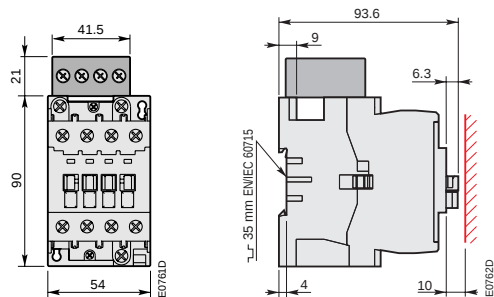
**A 26
+ CA 5 front-mounted 1-pole auxiliary contact block**



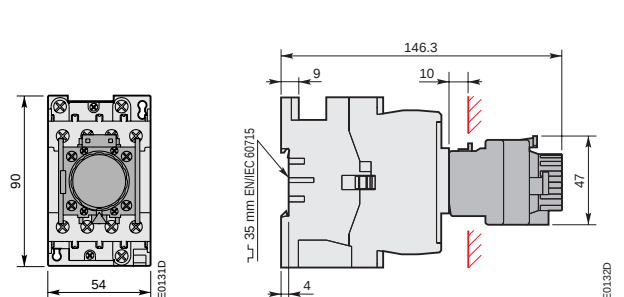
**A 26
+ CAL 5 side-mounted 2-pole auxiliary contact block**



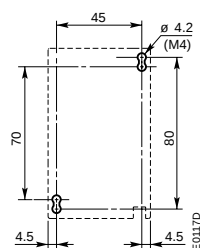
**A 26
+ CA 5 front-mounted 4-pole auxiliary contact block**



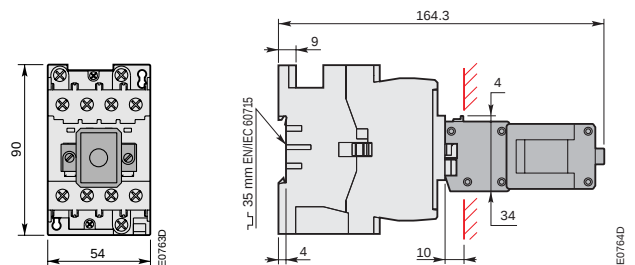
**A 26
+ RA 5 interface relay**



**A 26
+ TP pneumatic timer**



A 26 drilling plan

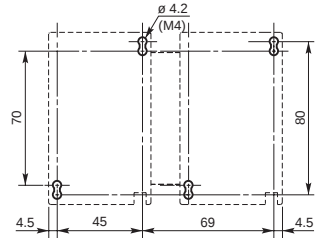
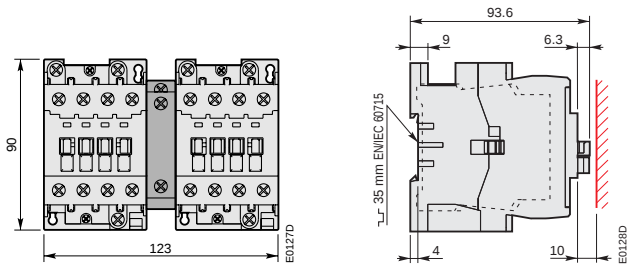


**A 26
+ WB 75-A on-position latch**

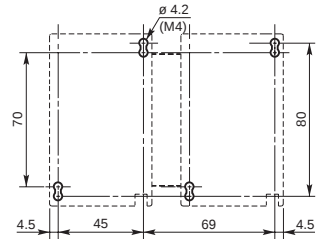
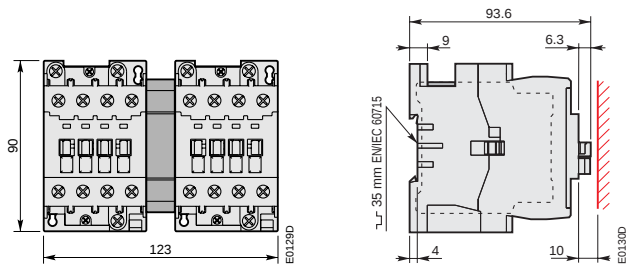
A 26 4-pole Contactor



Dimensions (in mm)



A 26-40 + VE 5-1 electrical and mechanical interlock unit

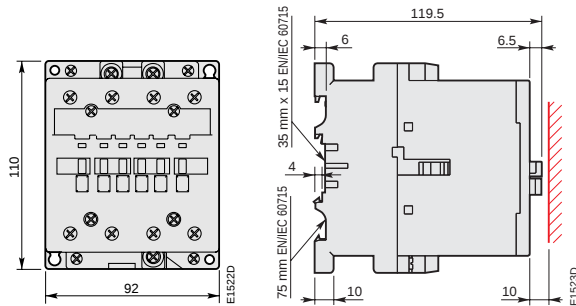


A 26-40 + VM 5-1 mechanical interlock unit

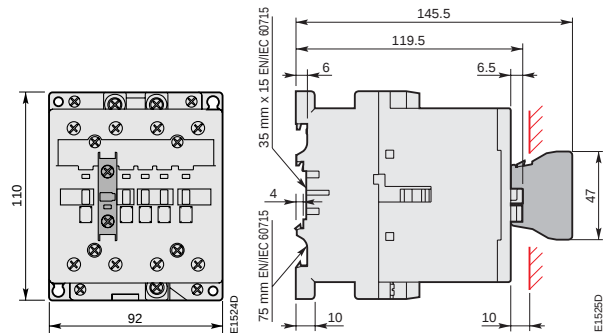
A 45, A 50 and A 75 4-pole Contactors AF 45, AF 50 and AF 75 4-pole Contactors



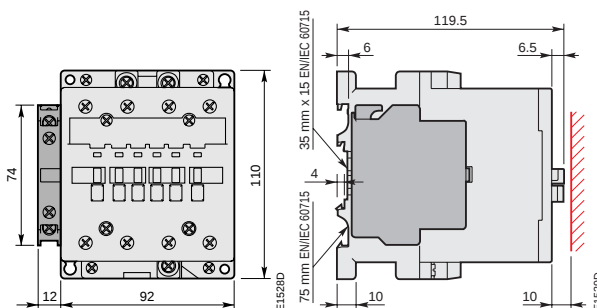
Dimensions (in mm)



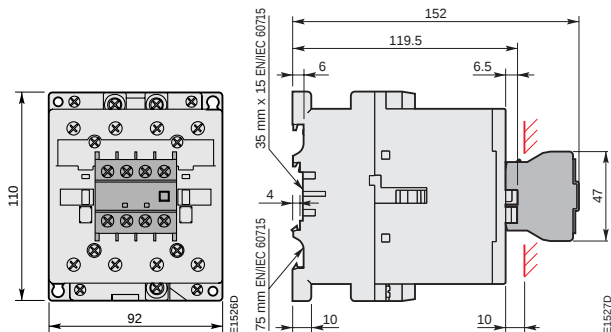
A 45, A 50, A 75, AF 45, AF 50, AF 75



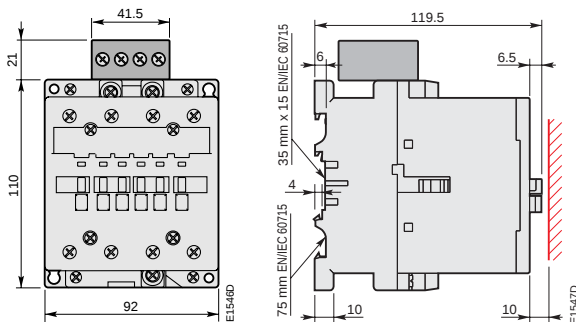
**A 45, A 50, A 75, AF 45, AF 50, AF 75
+ CA 5 front-mounted 1-pole auxiliary contact block**



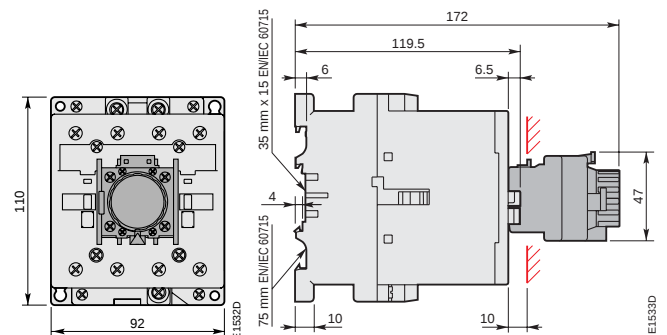
**A 45, A 50, A 75, AF 45, AF 50, AF 75
+ CAL 5 side-mounted 2-pole auxiliary contact block**



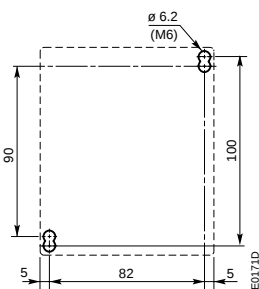
**A 45, A 50, A 75, AF 45, AF 50, AF 75
+ CA 5 front-mounted 4-pole auxiliary contact block**



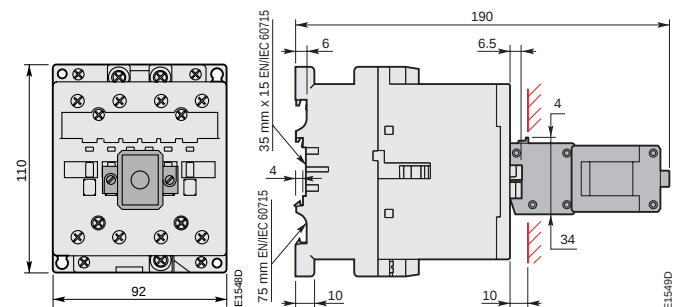
**A 45, A 50, A 75, AF 45, AF 50, AF 75
+ RA 5 interface relay**



**A 45, A 50, A 75, AF 45, AF 50, AF 75
+ TP pneumatic timer**



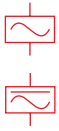
A 45, A 50, A 75, AF 45, AF 50, AF 75 drilling plan



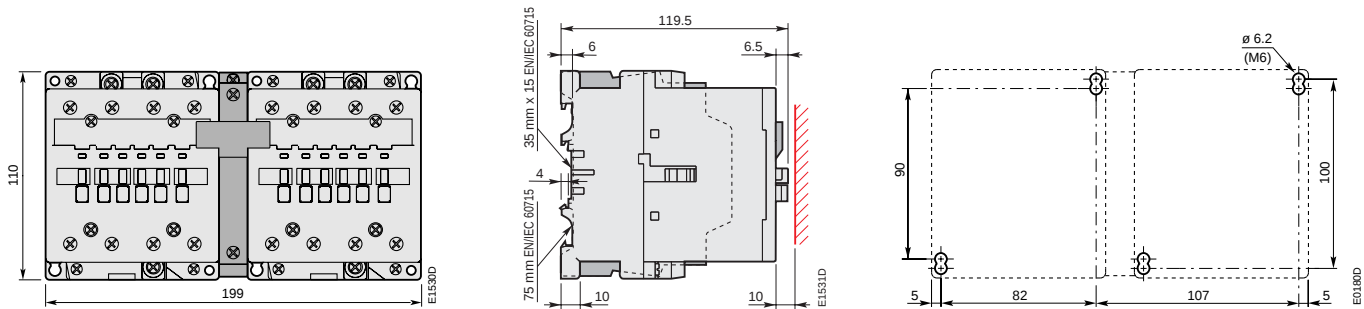
**A 45, A 50, A 75, AF 45, AF 50, AF 75
+ WB 75-A on-position latch**

A 45, A 50 and A 75 4-pole Contactors

AF 45, AF 50 and AF 75 4-pole Contactors



Dimensions (in mm)



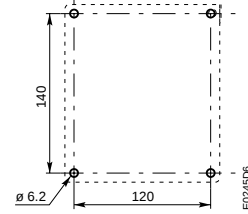
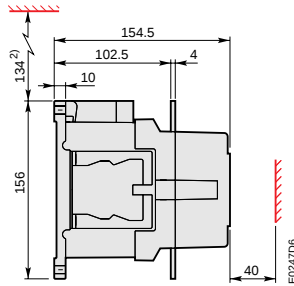
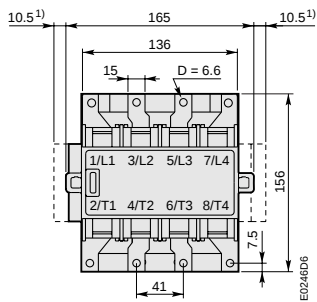
A 45-40, A 50-40, A 75-40,
AF 45-40, AF 50-40, AF 75-40
+ VE 5-2 electrical and mechanical interlock unit

EK 110 ... EK 210 4-pole Contactors

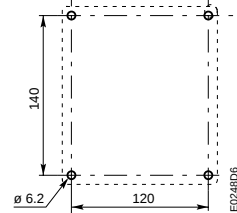
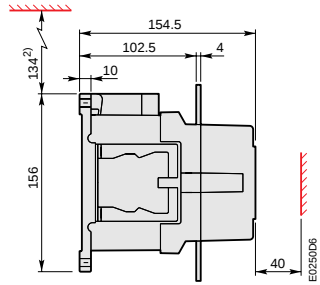
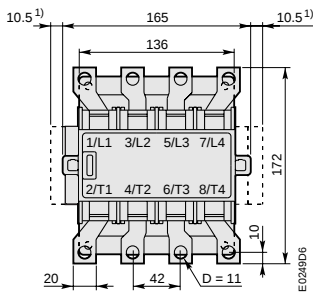
a.c. Operated



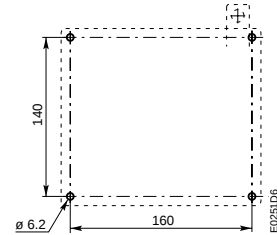
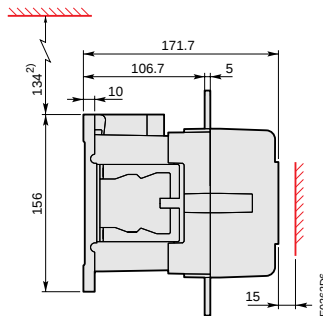
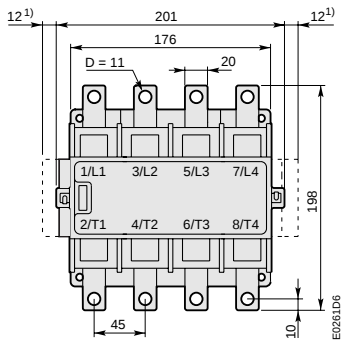
Dimensions (in mm)



EK 110



EK 150



EK 175, EK 210

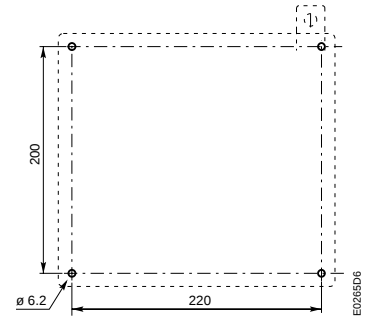
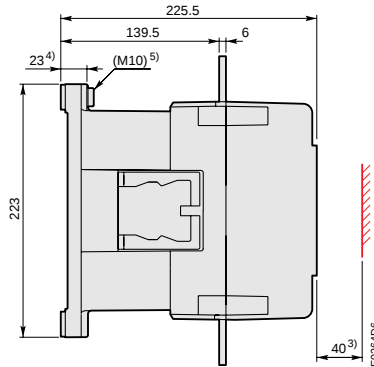
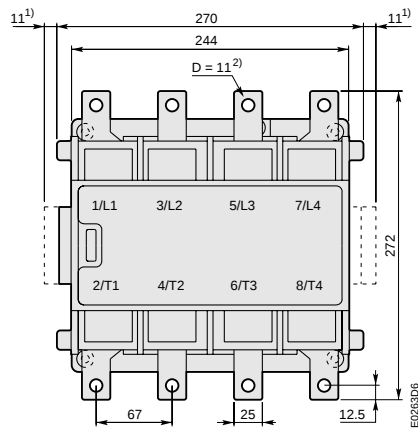
- 1) Dimension for extra auxiliary contact block
- 2) Min. distance to uninsulated wall

EK 370 ... EK 1000 4-pole Contactors

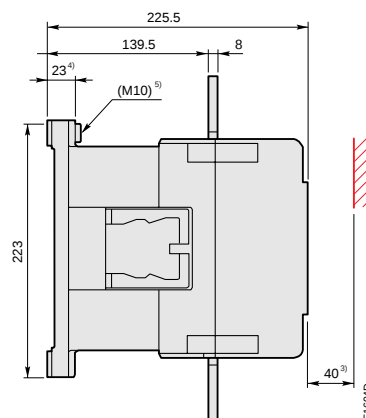
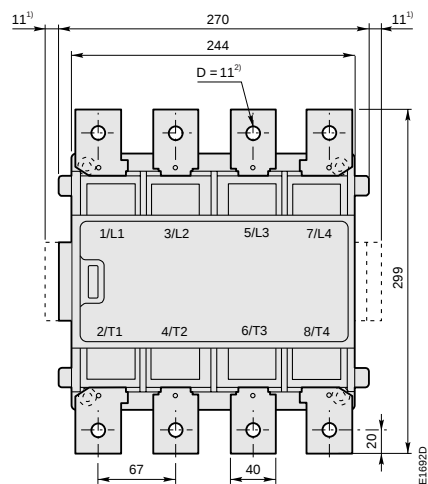
a.c. Operated



Dimensions (in mm)

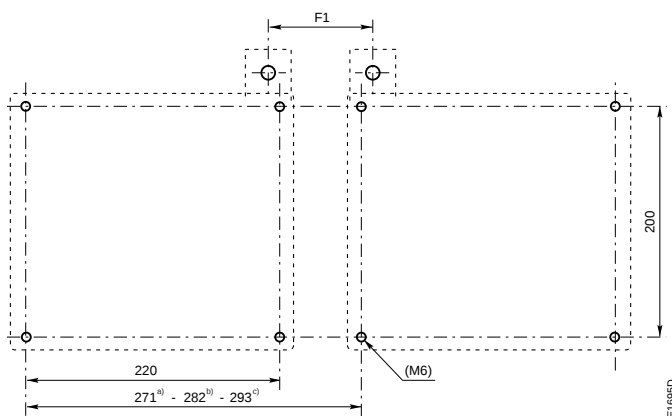


EK 370, EK 550



- 1) Dimension for extra auxiliary contact block
- 2) Screw, nut and washer by-packed
- 3) Min. distance to uninsulated wall
- 4) Damping elements are included
- 5) Earthing screw

EK 1000



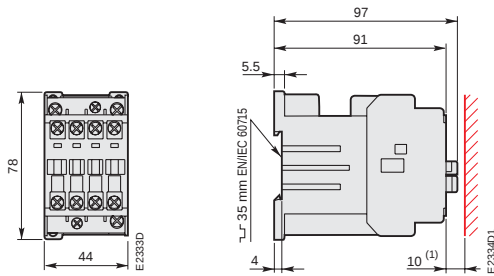
- a) Min. dim Makes distance F1 = 70
- b) Includes space for three auxiliary contact blocks between the contactors
- c) Includes space for four auxiliary contact blocks between the contactors

EK 1000 drilling plan

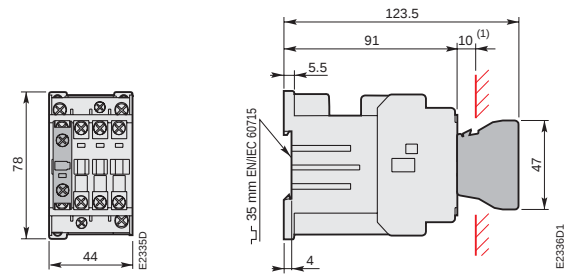
AL 9 ... 16, TAL 9 ... 16 4-pole Contactors NL..., NL Z..., TNL.. Contactor Relays



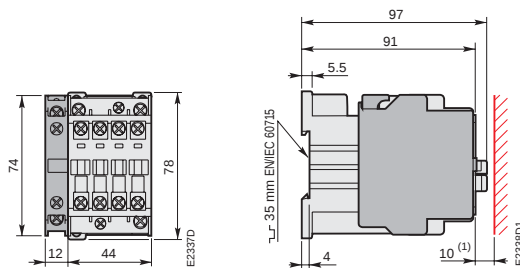
Dimensions (in mm)



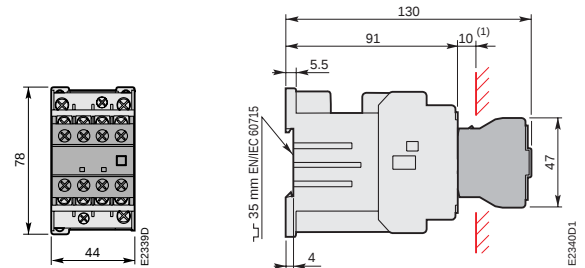
**AL 9 ... AL 16
TAL 9 ... TAL 16
NL..., NL Z..., TNL..**



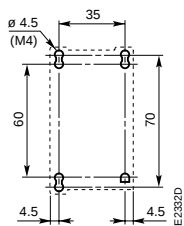
**AL 9 ... AL 16
TAL 9 ... TAL 16
NL..., NL Z..., TNL..
+ CA 5 front-mounted 1-pole auxiliary contact block**



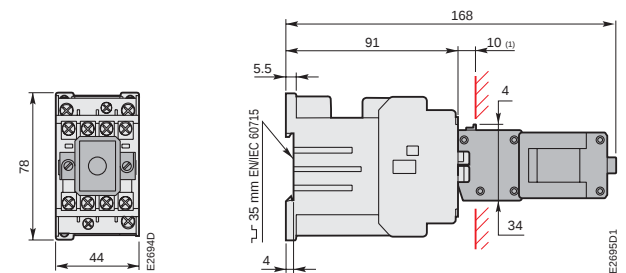
**AL 9 ... AL 16
TAL 9 ... TAL 16
NL..
+ CAL 5 side-mounted 2-pole auxiliary contact block**



**AL 9 ... AL 16
TAL 9 ... TAL 16
NL..., TNL..
+ CA 5 front-mounted 4-pole auxiliary contact block
and corresponding 2-stack versions**



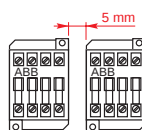
**AL 9 ... AL 16
TAL 9 ... TAL 16
NL..., NL Z..., TNL..
drilling plan**



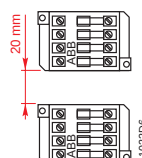
**AL 9 ... AL 16
TAL 9 ... TAL 16
NL..., NL Z..., TNL..
+ WB 75-A on-position latch**

Mounting distance (for side by side mounting)

TAL9 ... TAL16, TNL
Position 1, 2, 5
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$



TAL9 ... TAL16, TNL
Position 3, 4
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$

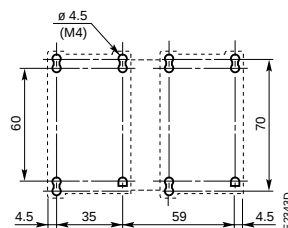
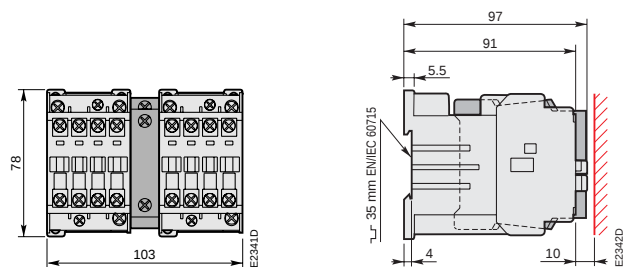


(1) Note: No recommended distance to earth is applicable to "NL...", NL Z..., TNL.." contactor relays.

AL 9 ... 16, TAL 9 ... 16 4-pole Contactors



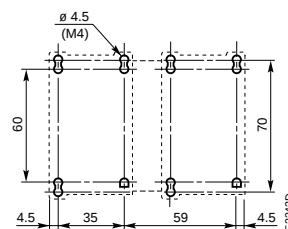
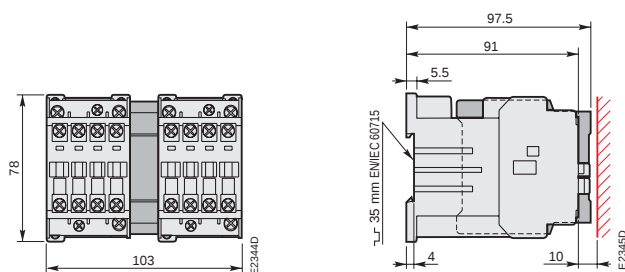
Dimensions (in mm)



AL 9-40 ... AL 16-40

TAL 9-40 ... TAL 16-40

+ VE 5-1 electrical and mechanical interlock unit



AL 9-40 ... AL 16-40

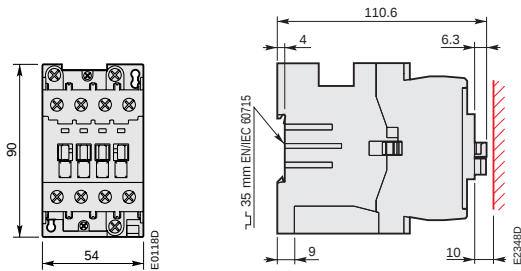
TAL 9-40 ... TAL 16-40

+ VM 5-1 mechanical interlock unit

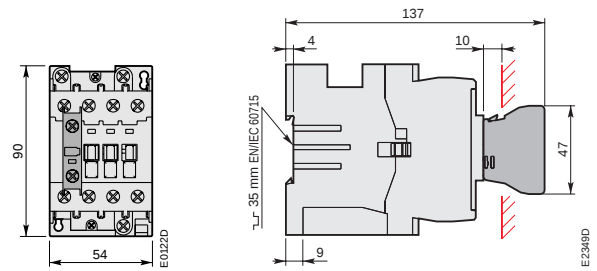
AL 26, TAL 26 4-pole Contactors



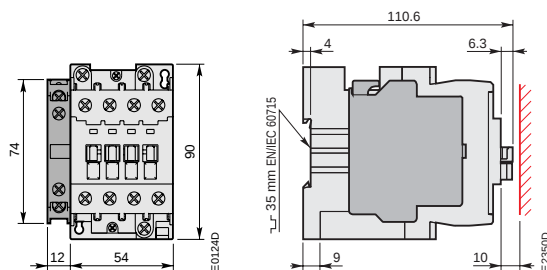
Dimensions (in mm)



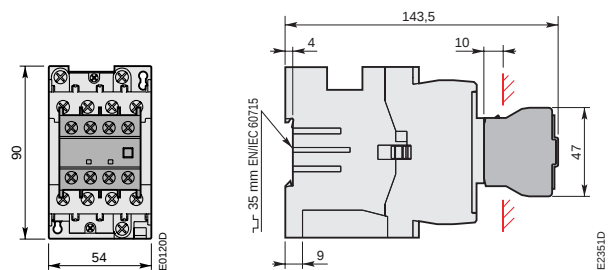
AL 26, TAL 26



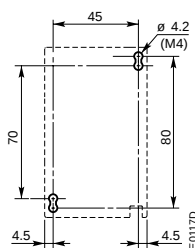
**AL 26, TAL 26
+ CA 5 front-mounted 1-pole auxiliary contact block**



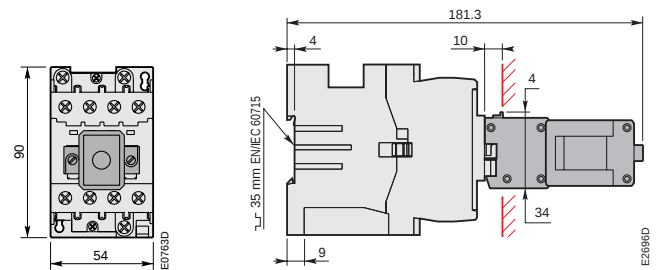
**AL 26, TAL 26
+ CAL 5 side-mounted 2-pole auxiliary contact block**



**AL 26, TAL 26
+ CA 5 front-mounted 4-pole auxiliary contact block**



AL 26, TAL 26 - drilling plan

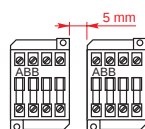


**AL 26, TAL 26
+ WB 75-A on-position latch**

Mounting distance (for side by side mounting)

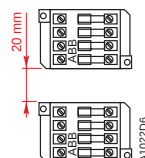
TAL 26

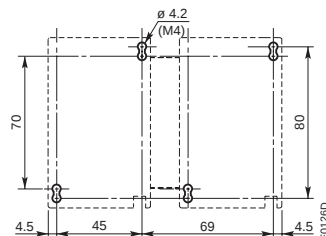
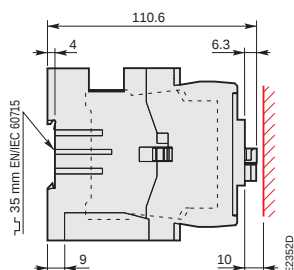
Position 1, 2, 5
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$



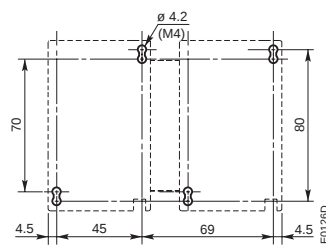
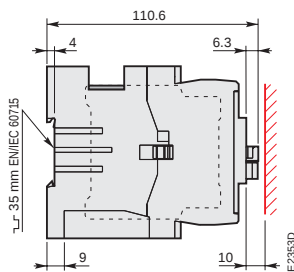
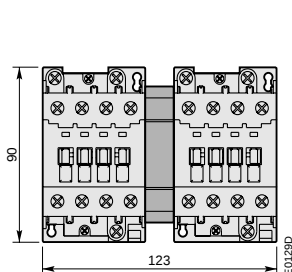
TAL 26

Position 3, 4
 $20^{\circ}\text{C} \leq \theta \leq 55^{\circ}\text{C}$





+ VE 5-1 electrical and mechanical interlock unit

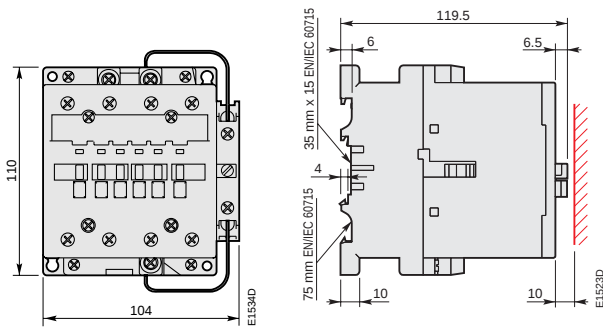


+ VM 5-1 mechanical interlock unit

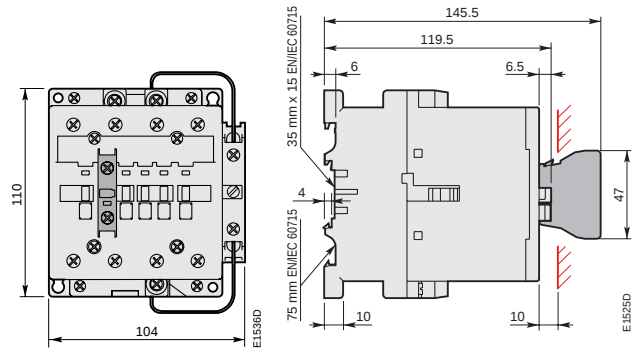
AE 45, AE 50 and AE 75 4-pole Contactors TAE 45, TAE 50 and TAE 75 4-pole Contactors



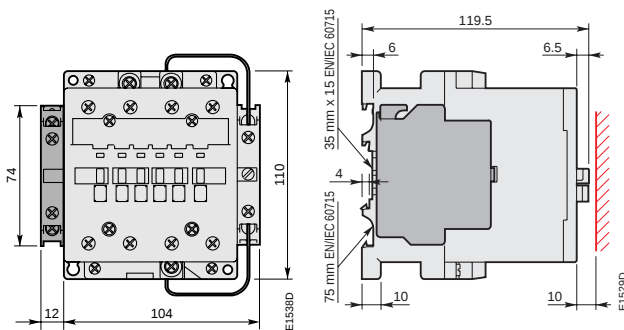
Dimensions (in mm)



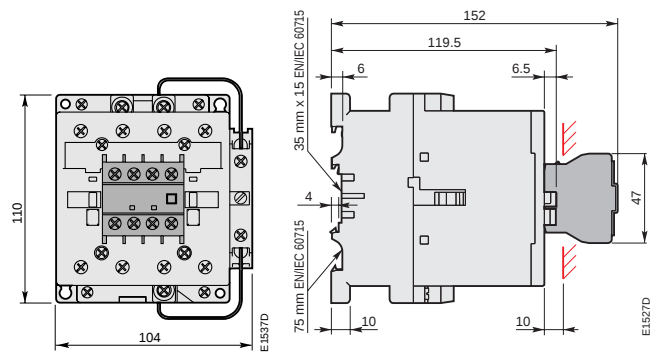
AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75



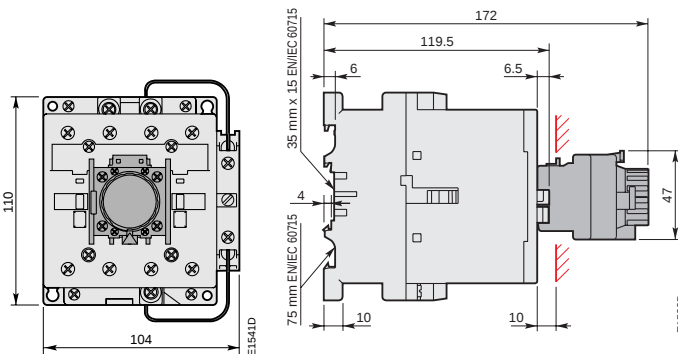
**AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75
+ CA 5 front-mounted 1-pole auxiliary contact block**



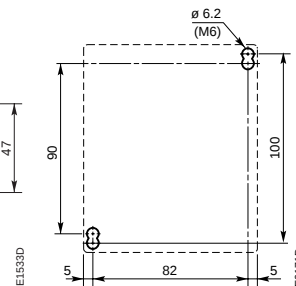
**AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75
+ CAL 5 side-mounted 2-pole auxiliary contact block**



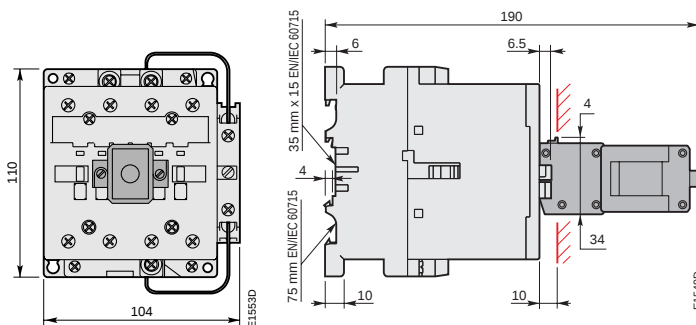
**AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75
+ CA 5 front-mounted 4-pole auxiliary contact block**



**AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75
+ TP pneumatic timer**



AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75 drilling plan

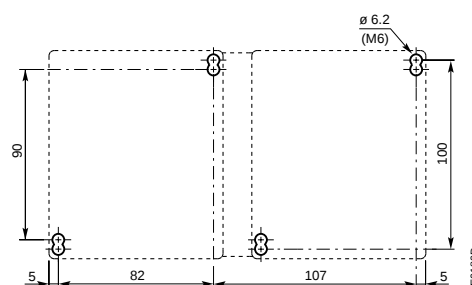
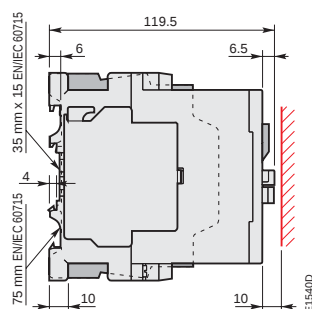
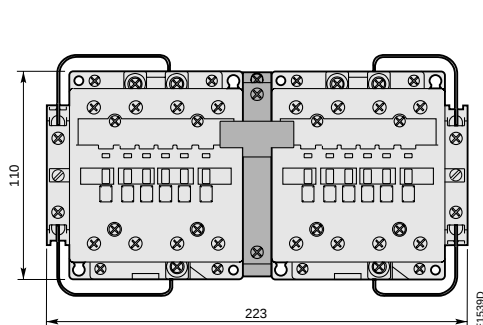


**AE 45, AE 50, AE 75, TAE 45, TAE 50, TAE 75
+ WB 75-A on-position latch**

AE 45, AE 50 and AE 75 4-pole Contactors TAE 45, TAE 50 and TAE 75 4-pole Contactors



Dimensions (in mm)

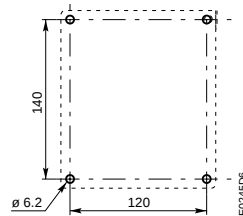
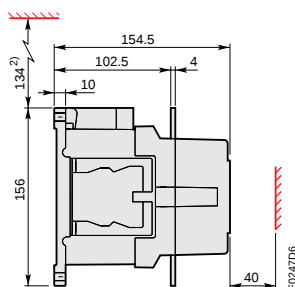
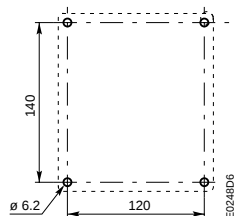
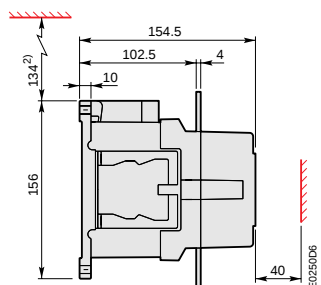


**AE 45-40, AE 50-40, AE 75-40,
TAE 45-40, TAE 50-40, TAE 75-40
+ VE 5-2 electrical and mechanical interlock unit**

Technical drawing of the 8-channel module 804608. The drawing shows the module with dimensions and pin layout. Key dimensions include a total width of 165, a mounting hole spacing of 136, and a module height of 156. The pin layout is as follows:

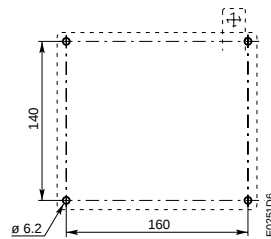
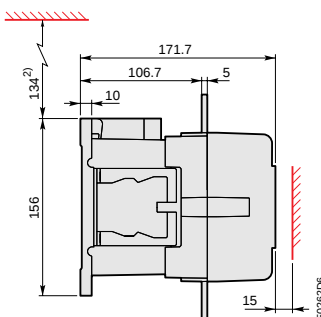
- Top row: 1/L1, 3/L2, 5/L3, 7/L4
- Bottom row: 2/T1, 4/T2, 6/T3, 8/T4

Other dimensions shown are 10.5¹⁾, 15, D = 6.6, 41, 7.5, and 156.

[illegible]

Technical drawing of the 8-pin connector housing (Type 1) showing dimensions and pin layout. The drawing includes the following dimensions and labels:

- Overall width: 201
- Width between mounting holes: 176
- Mounting hole diameter: $D = 11$
- Distance between mounting holes: 20
- Overall height: 198
- Pin pitch (center-to-center): 45
- Pin 1 location: 1/L1
- Pin 2 location: 2/T1
- Pin 3 location: 3/L2
- Pin 4 location: 4/T2
- Pin 5 location: 5/L3
- Pin 6 location: 6/T3
- Pin 7 location: 7/L4
- Pin 8 location: 8/T4
- Bottom flange thickness: 10
- Reference: E0281D8



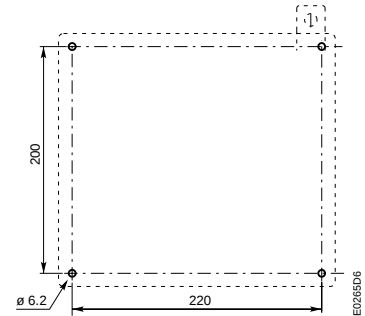
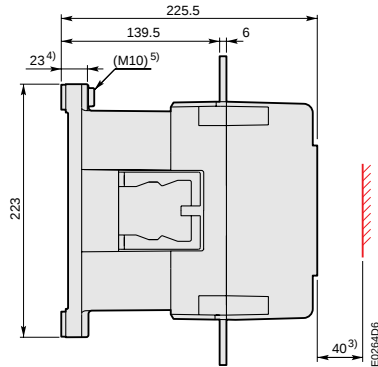
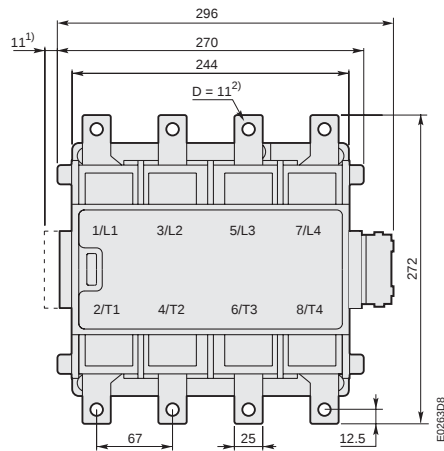
9

EK 370 ... EK 1000 4-pole Contactors

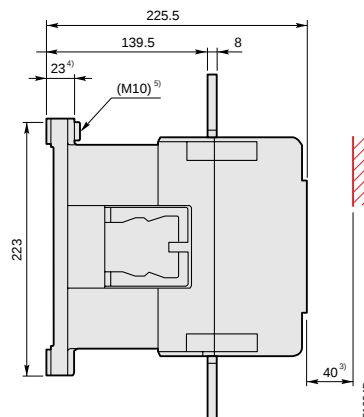
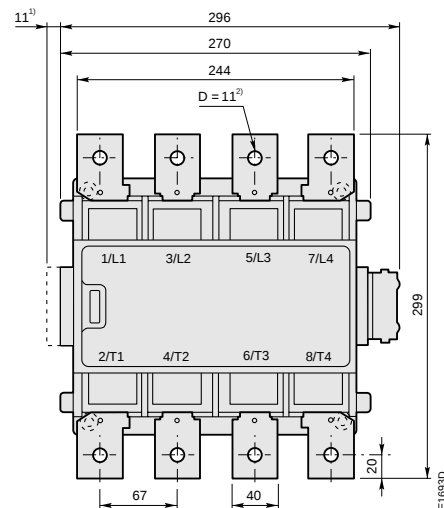
d.c. Operated



Dimensions (in mm)

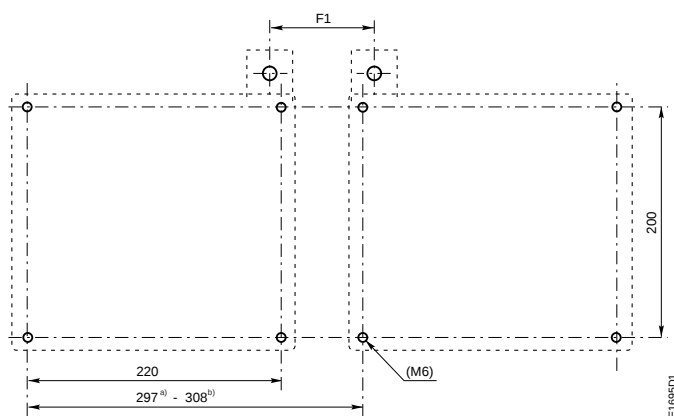


EK 370, EK 550



- 1) Dimension for extra auxiliary contact block
- 2) Screw, nut and washer by-packed
- 3) Min. distance to uninsulated wall
- 4) Damping elements are included
- 5) Earthing screw

EK 1000



- a) Min. dim.
- b) Includes space for two auxiliary contact blocks and the dc-unit between the contactors

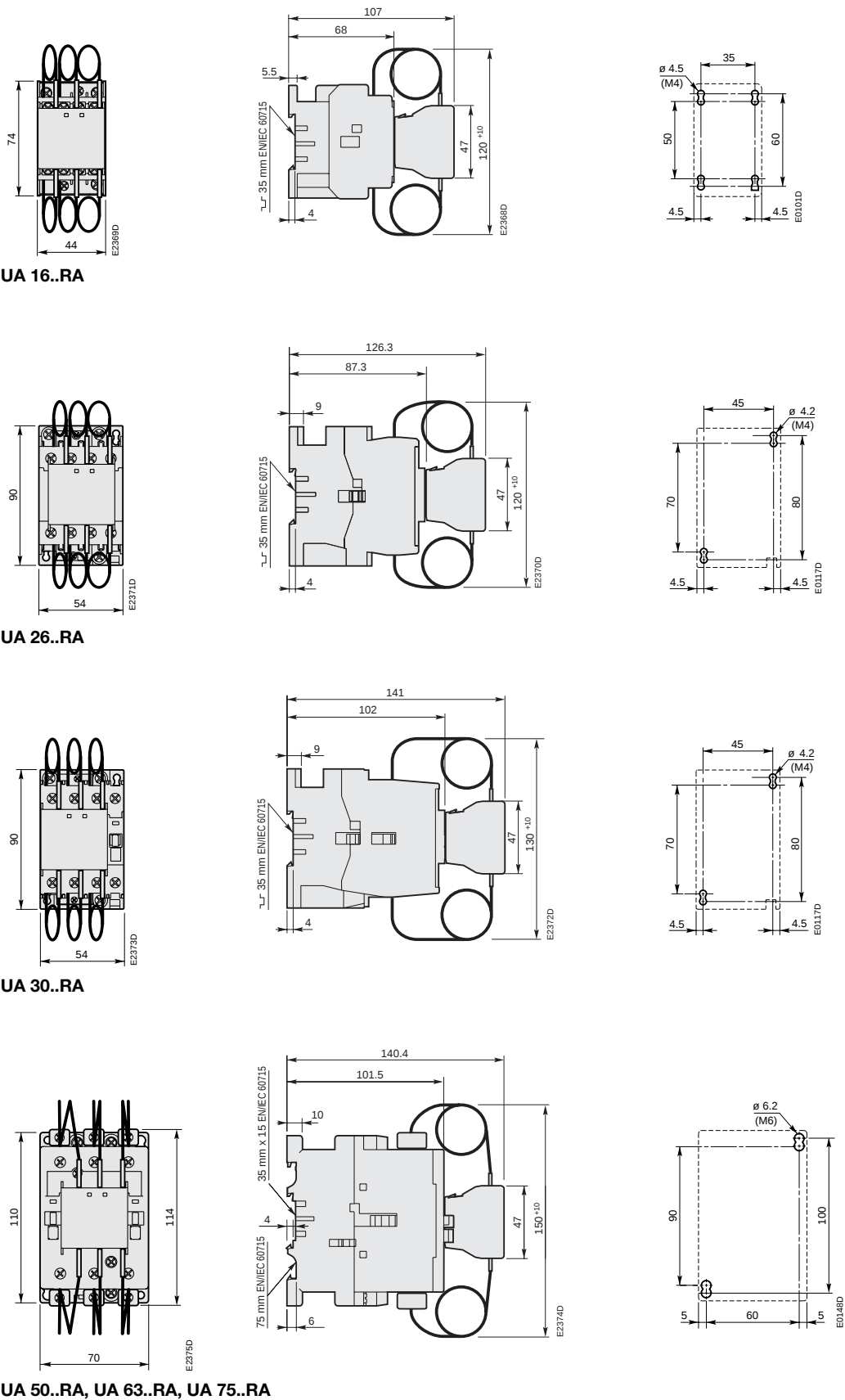
EK 1000 drilling plan

UA..RA 3-pole Contactors for Capacitor Switching

Unlimited Peak Current $\hat{I}$



Dimensions (mm)

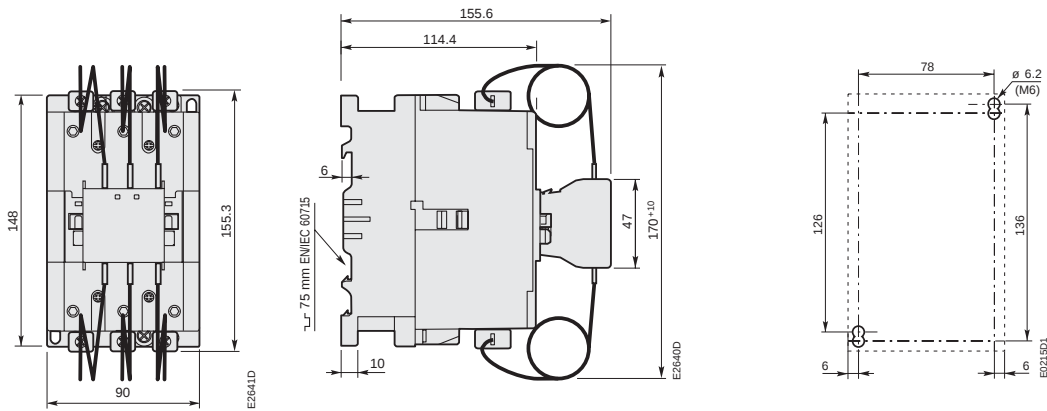


UA..RA 3-pole Contactors for Capacitor Switching

Unlimited Peak Current $\hat{I}$



Dimensions (mm)

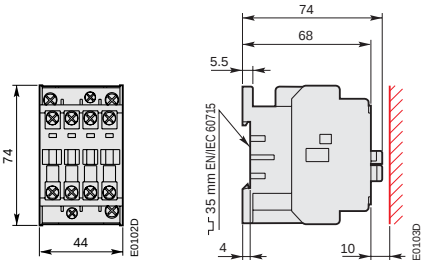


UA 95..RA, UA 110..RA

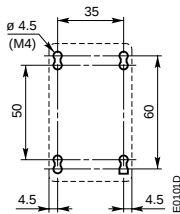
UA.. 3-pole Contactors for Capacitor Switching



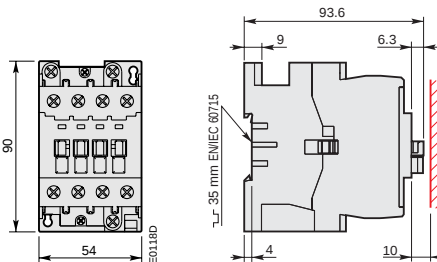
Dimensions (in mm)



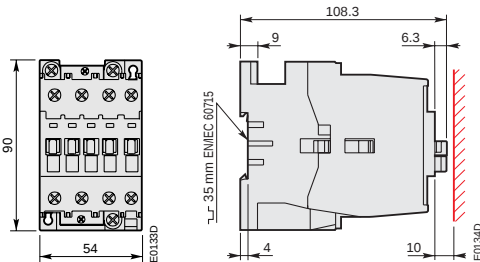
UA 16



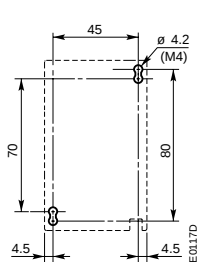
UA 16 drilling plan



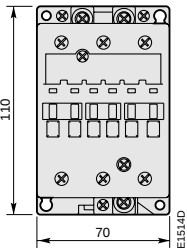
UA 26



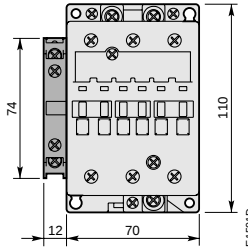
UA 30



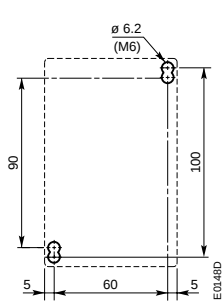
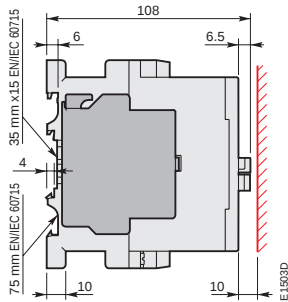
UA 26, UA 30 drilling plan



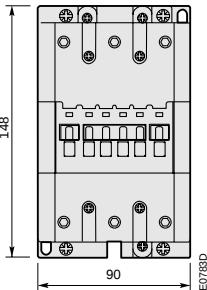
UA 50, UA 63, UA 75-30-00



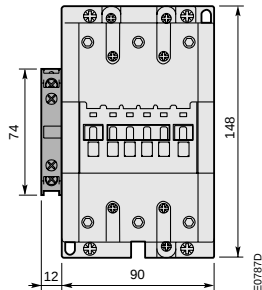
UA 50, UA 63, UA 75-30-11



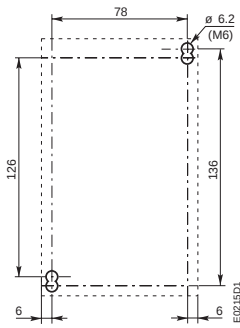
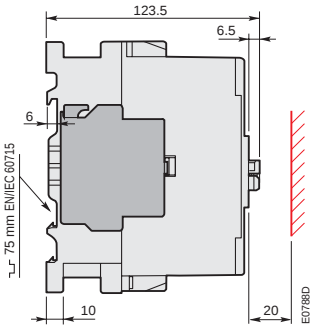
Drilling plan



UA 95, UA 110-30-00



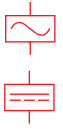
UA 95, UA 110-30-11



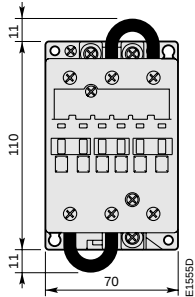
Drilling plan

GA 75 Contactor

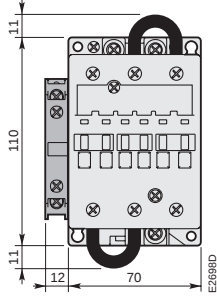
GAE 75 Contactor



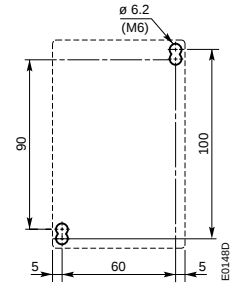
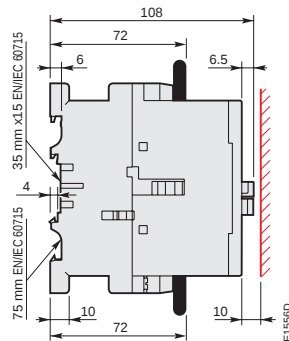
Dimensions (in mm)



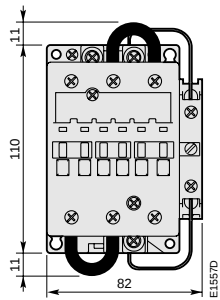
GA 75-10-00



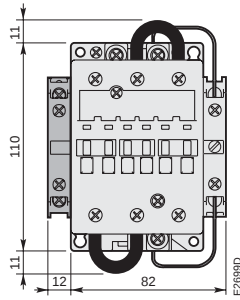
GA 75-10-11



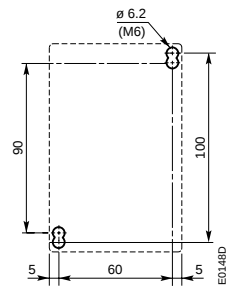
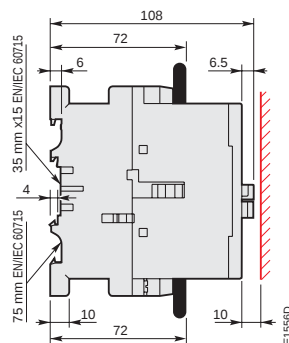
Drilling plan



GAE 75-10-00



GAE 75-10-11

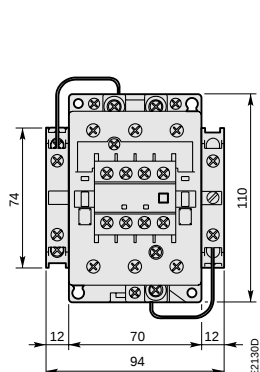


Drilling plan

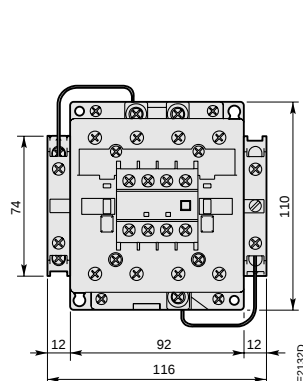
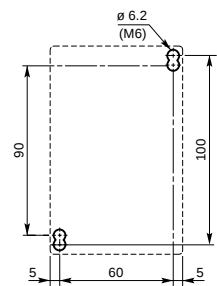
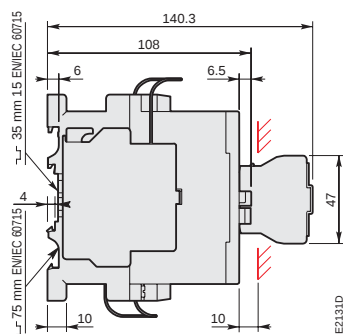
AM 50 and AM 75 3-pole Contactors AM 45 and AM 75 4-pole Contactors



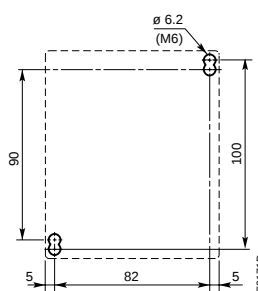
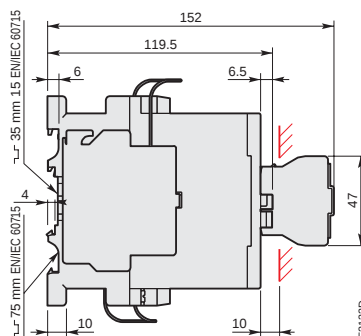
Dimensions (in mm)



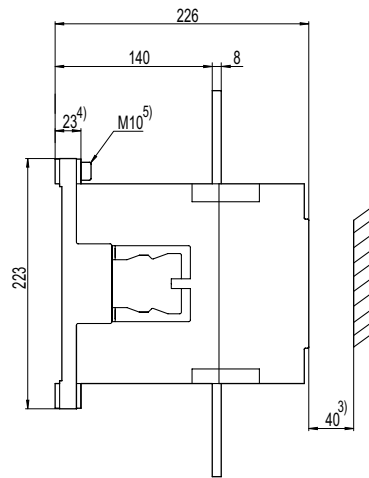
AM 50 and AM 75 3-pole contactors



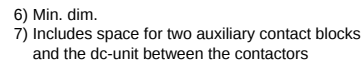
AM 45 and AM 75 4-pole contactors



Dimensions (in mm)



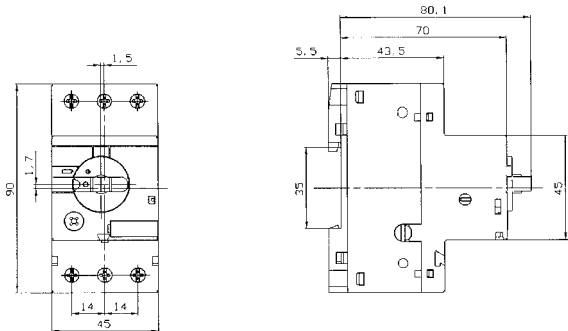
- ## EH 1200 3-pole contactors



Low Voltage Products

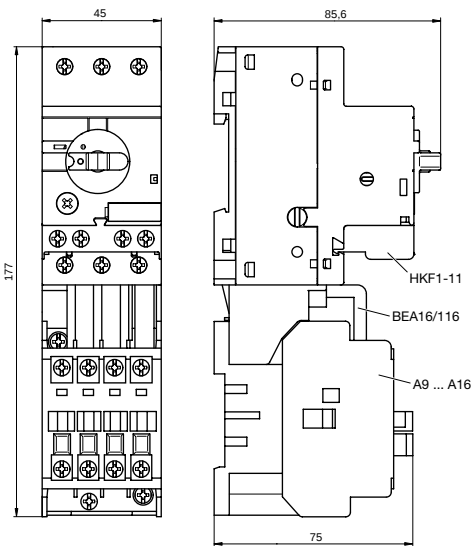
Manual Motor Starter MS 116

Dimensions (in mm)

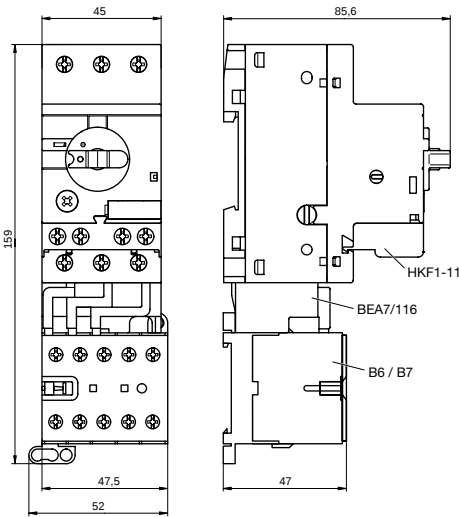


SST007-00

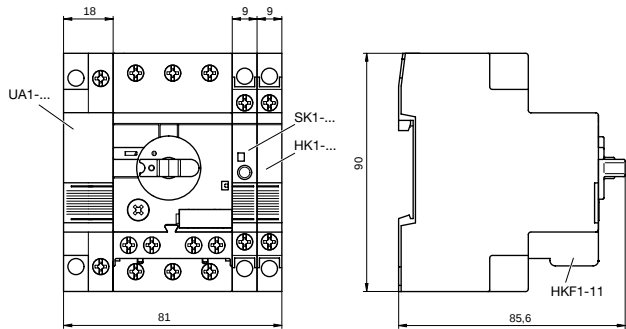
MS 116



MS 116 + A9...A16



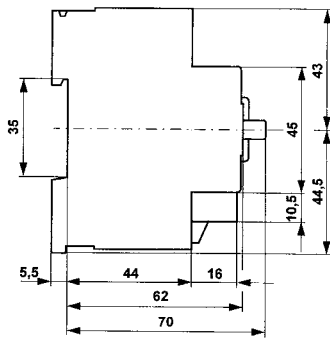
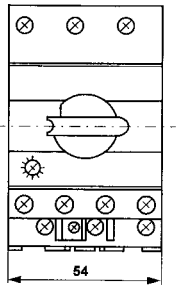
MS 116 + B6/7



MS 116 + UA1.../SK1.../HK1.../HKF1-11

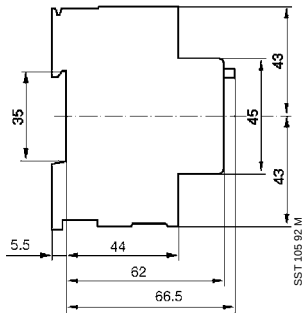
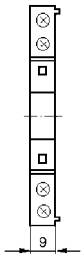
Manual Motor Starter MS 325

Dimensions (in mm)



SST 008-00

MS 325 + aux. contact HKF for front mounting

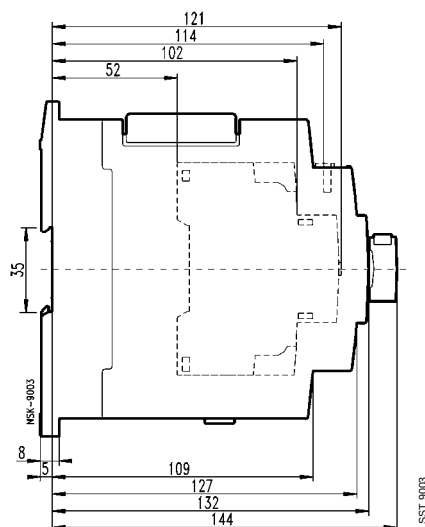


SST 105 92 M

**Signal contact SK
Auxiliary switch HK**

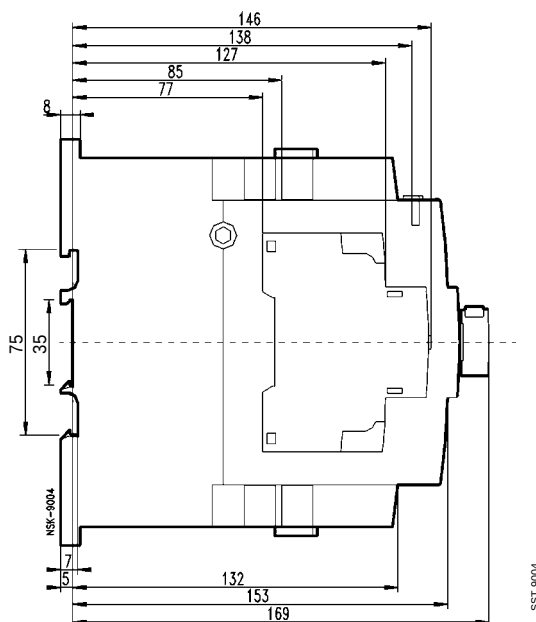
9

Technical drawing of a rectangular box with dimensions and internal components. The drawing shows a top view and a side view. The top view dimensions are: total width 140, total height 130, and internal width 100 (10 + 17 + 20 + 10 + 10). The side view dimensions are: total height 140, total width 55 (9 + 18 + 30 + 18), and internal height 130 (45 + 85). The drawing includes a central circular feature with a crosshair, a rectangular feature with a crosshair, and several circular features with crosshairs. The drawing is labeled with dimensions in millimeters (mm).



Technical drawing of the front view of a rectangular machine component. The drawing includes the following dimensions and features:

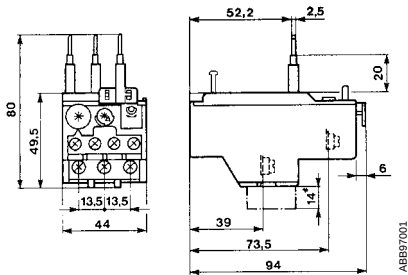
- Overall Dimensions:**
 - Width: 70
 - Height: 155
- Top Section Dimensions:**
 - Distance from top edge to first hole row: 12
 - Distance between first two hole rows: 23
- Left Side Features:**
 - Four vertical columns of mounting holes.
 - Column widths: 9, 18, 30, 18.
 - Vertical spacing between hole rows: 165 (total), 155 (main body).
- Right Side Features:**
 - Two vertical columns of mounting holes.
 - Column widths: 18, 30.
 - Vertical spacing: 116 (main body), 45 (lower section).
- Internal Features:**
 - Central horizontal slot with a width of 30.
 - Slot depth: 45.
 - Slot position: 116 from the top edge.
 - Slot flange width: 18.
- Mounting Holes:**
 - Four rows of four holes each, spaced 12, 23, 116, and 45 from the top edge.
 - Four holes in the center of the component, spaced 30 apart.



MS 49x

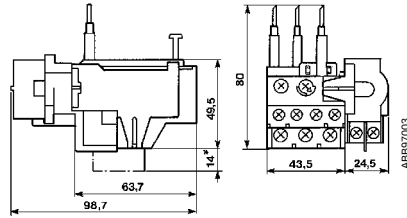
TA 25 DU ... TA 80 DU Thermal O/L Relays

Dimensions (in mm)



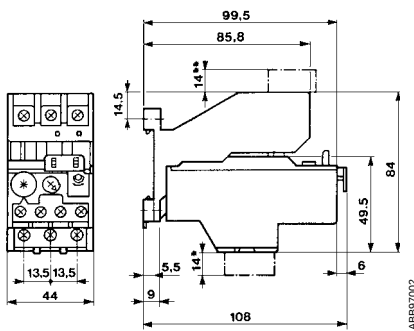
TA 25 DU

* For TA 25 DU 32



TA 25 DU + DS 25-A

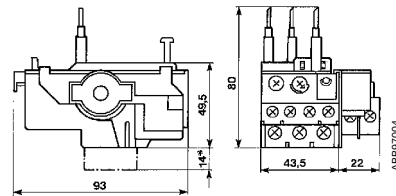
* For TA 25 DU 32



TA 25 DU + DB 25

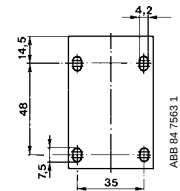
* For TA 25 DU 32

** For DB 25/32 A mounting kit



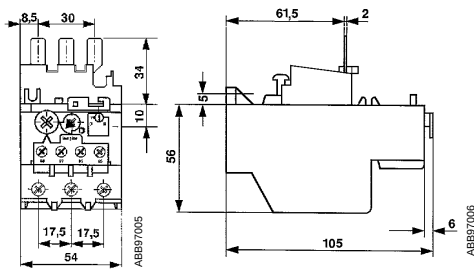
TA 25 DU + DR 25-A

* For TA 25 DU 32

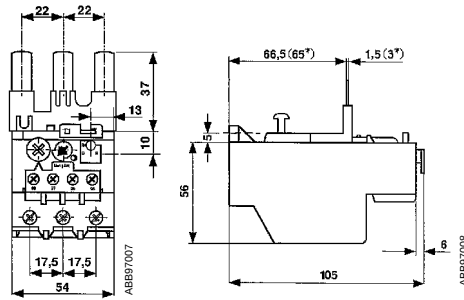


Drilling plan

(TA 25 DU + DB 25/25 A
or DB 25/32 A
for independent mounting)

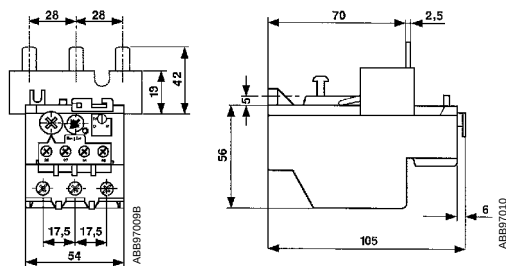


TA 42 DU

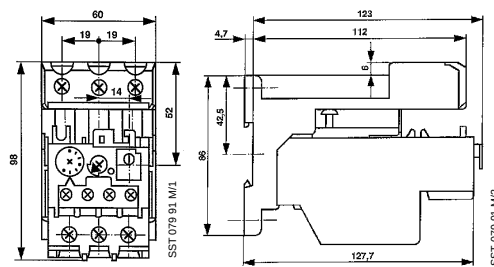


TA 75 DU

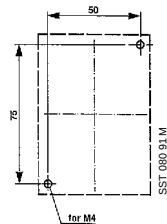
* For TA 75 DU 80



TA 80 DU



TA 42 DU, TA 75 DU, TA 80 DU + DB 80

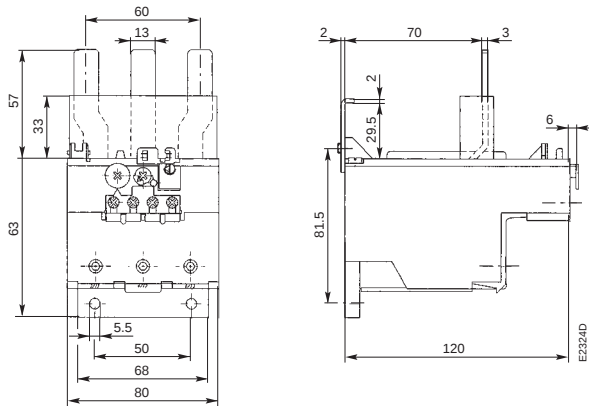


Drilling plan

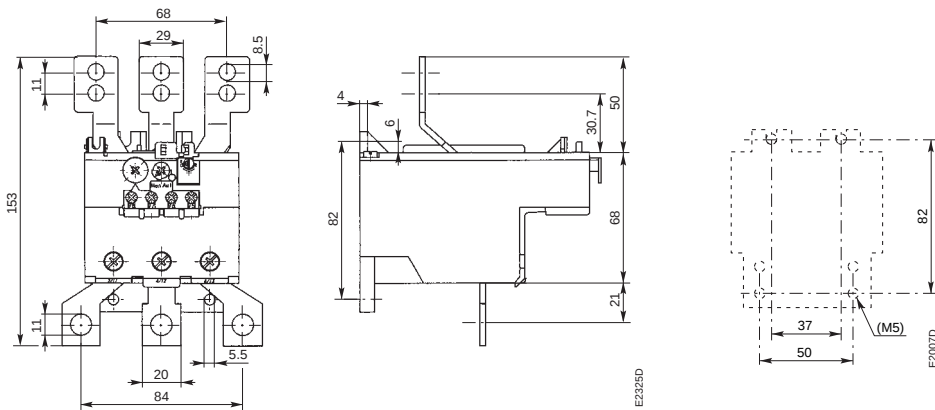
(TA 42 DU, TA 75 DU
and TA 80 DU + DB 80
for independent mounting)

TA 110 DU ... TA 450 DU/SU Thermal O/L Relays

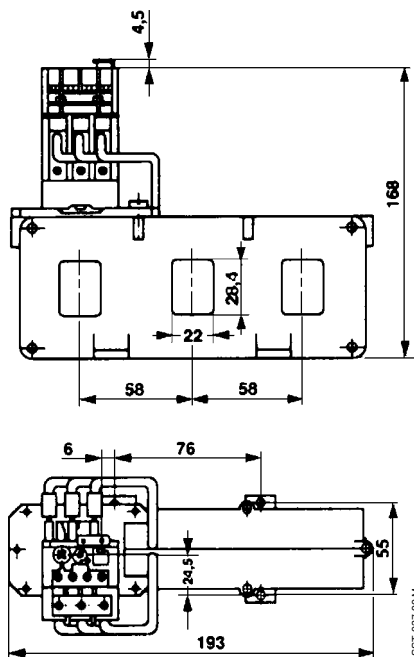
Dimensions (in mm)



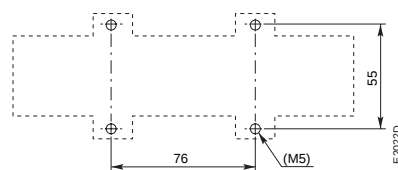
TA 110 DU



TA 200 DU

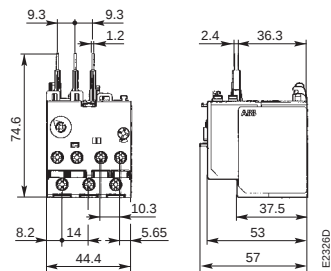


TA 450 DU/SU

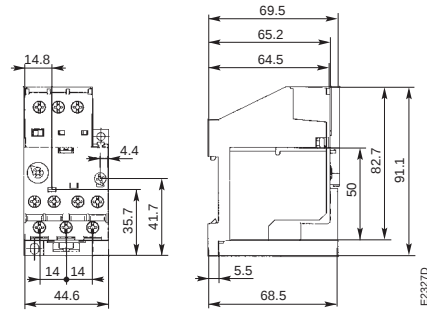


E 16 DU, E 200 DU and E 320 DU Electronic O/L Relays

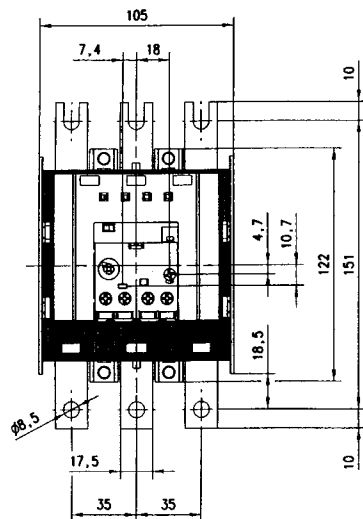
Dimensions (in mm)



E 16 DU



E 16 DU + DB 16 E



E 200 DU

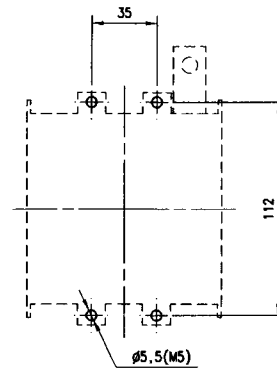
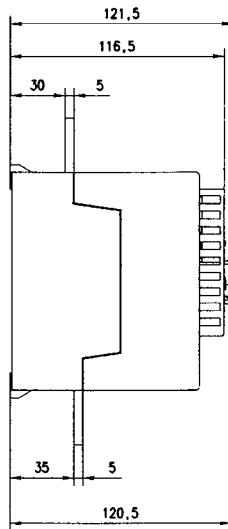
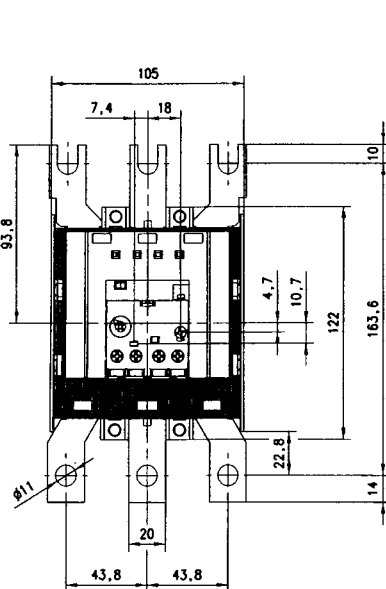


ABB E200DU



E 320 DU

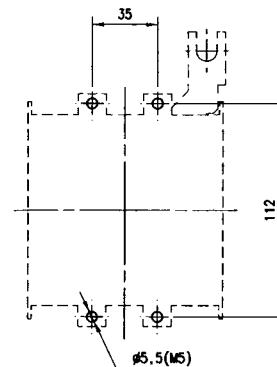
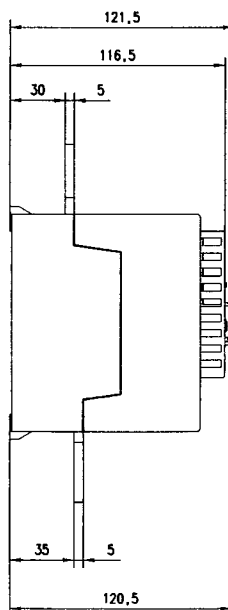
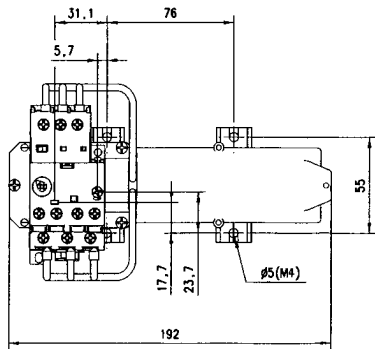
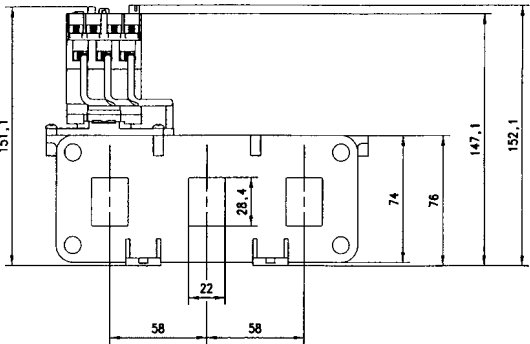


ABB E320DU

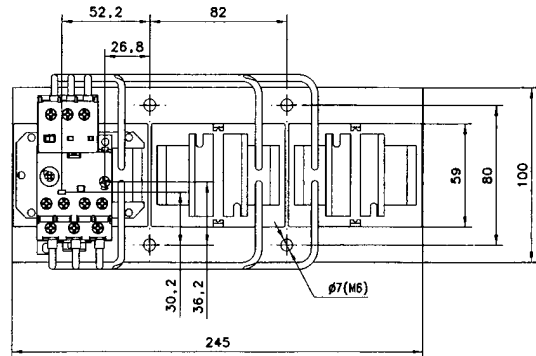
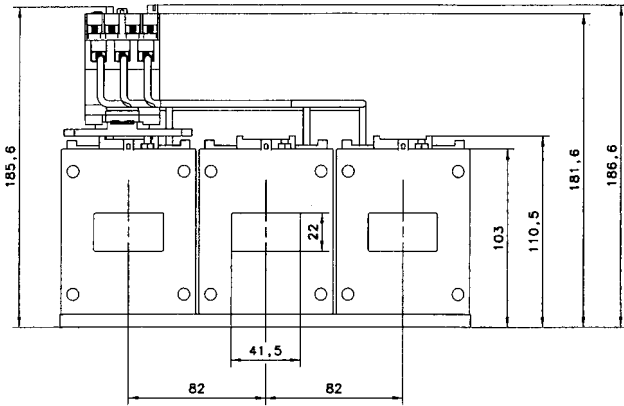
E 500 DU, E 800 DU and E1250 DU Electronic O/L Relays

Dimensions (in mm)



E 500 DU

ABB E500DU

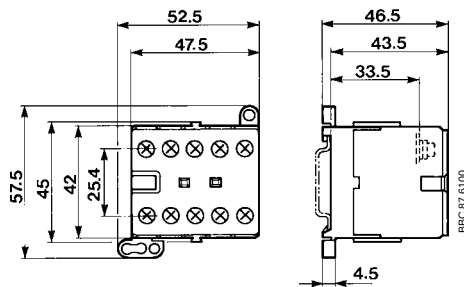


E 800 DU

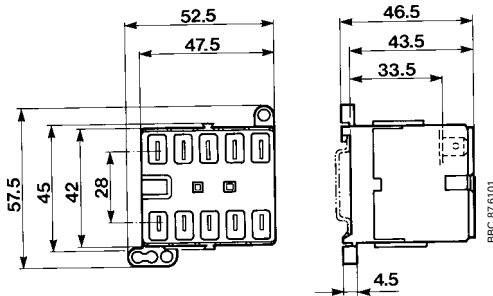
ABB E800DU

Mini Contactors, Mini Contactor Relays and Accessories

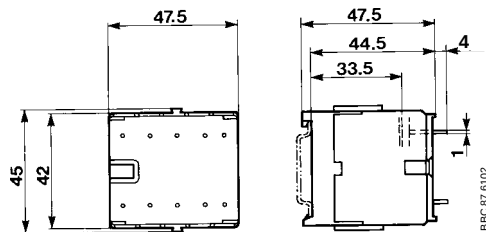
Dimensions (in mm)



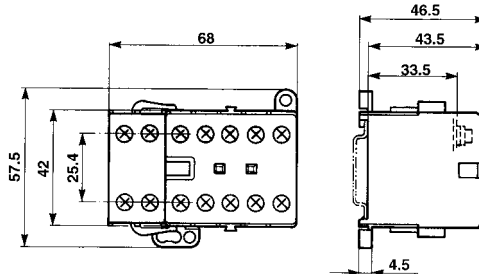
B 6, B 7, BC 6, BC 7, K 6, KC 6
screw connection



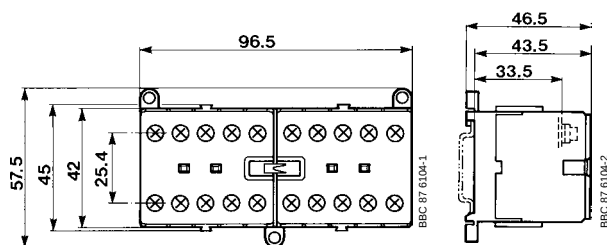
B 6, B 7, BC 6, BC 7, K 6, KC 6
flat pin connection



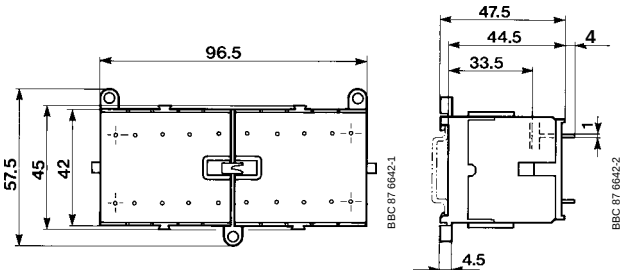
B 6, B 7, BC 6, BC 7, K 6, KC 6
soldering pin connection



B 6, B 7, BC 6, BC 7, K 6, KC 6
+ CA 6 auxiliary contact block

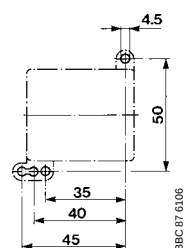


VB 6, VB 7, VBC 6, VBC 7 compact reversing contactor
screw connection

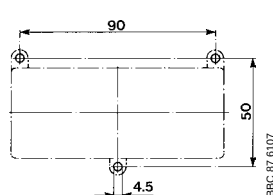


VB 6, VB 7, VBC 6, VBC 7 compact reversing contactor
soldering pin connection

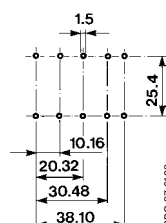
Drilling plans for M4 fixing screws



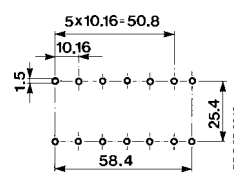
B 6, B 7, BC 6, BC 7, K 6, KC 6



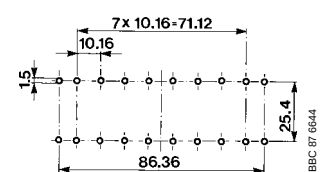
VB 6, VB 7, VBC 6, VBC 7, VB 6A, VB 7A, VBC 6A, VBC 7A



Standard 4-pole device



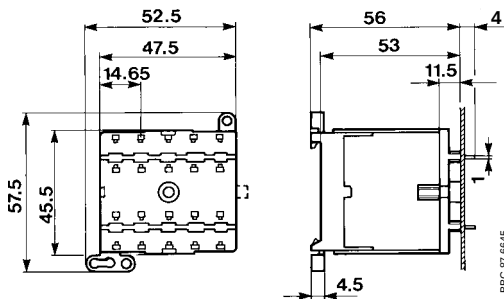
Standard device with auxiliary contact block



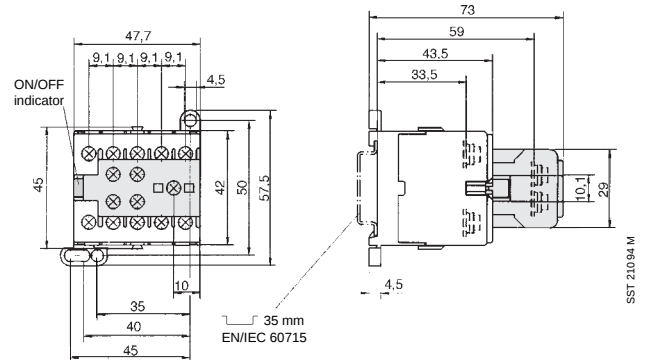
Compact reversing contactor

Mini Contactors, Mini Contactor Relays and Accessories

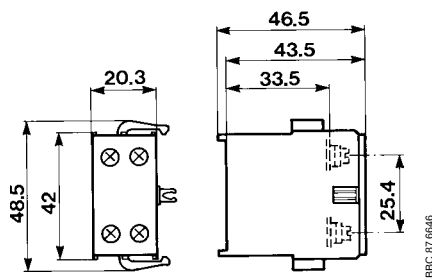
Dimensions (in mm)



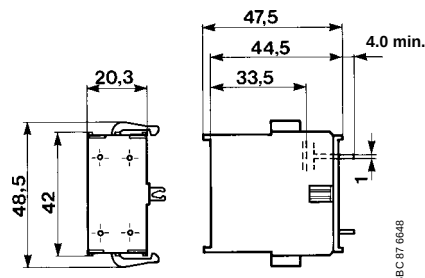
B 6- F, B 7- F + LB 6



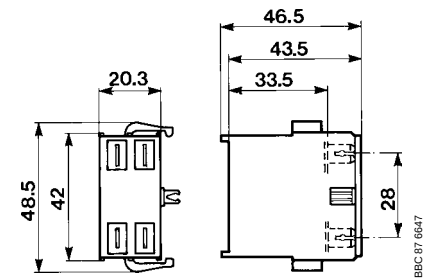
**B 6, B 7, BC 6, BC 7, K 6, KC 6
+ CAF 6 front-mounted auxiliary contact block**



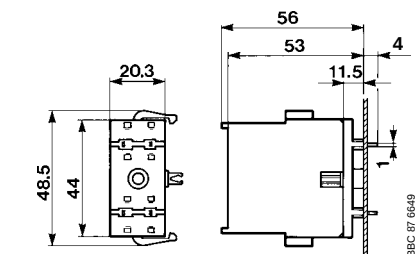
**CA 6 auxiliary contact block
screw connection**



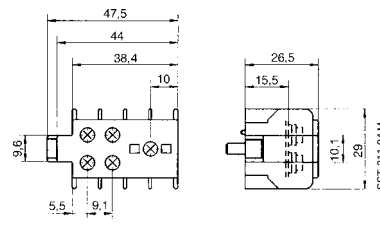
**CA 6- P auxiliary contact block
soldering pin connection**



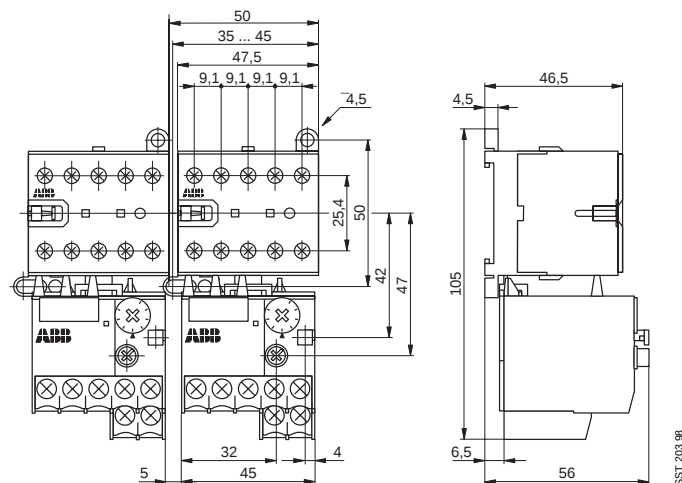
**CA 6- F auxiliary contact block
flat pin connection**



**CA 6 auxiliary contact block
+ LB 6- CA**



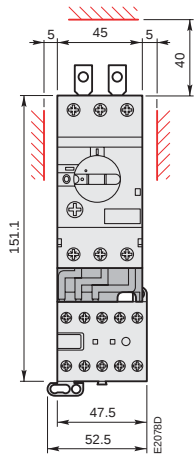
**CAF 6 auxiliary contact block
screw connection**



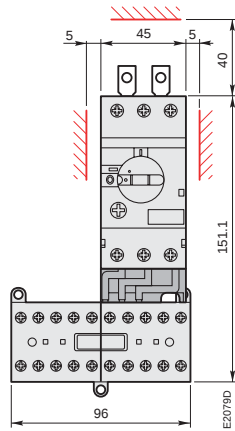
**B 6, B 7
+ T 7 DU thermal O/L relay**

Mini Contactors with BEA.. Connecting Links and Manual Motor Starters

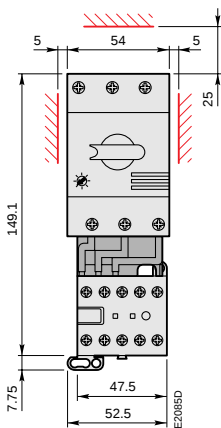
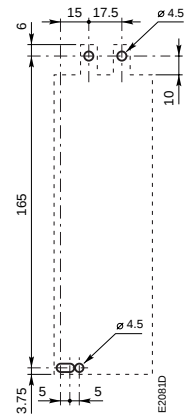
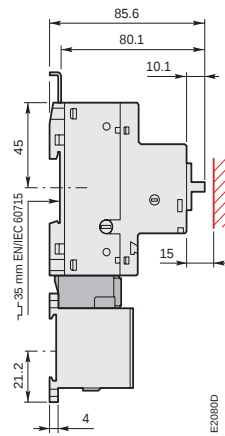
Dimensions (in mm)



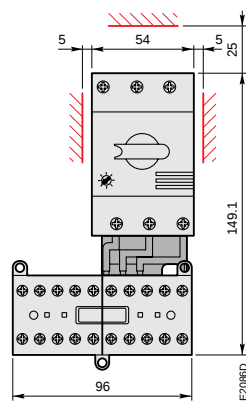
B 6, B 7 mini contactors
+ BEA 7/116
+ MS 116 manual motor starter



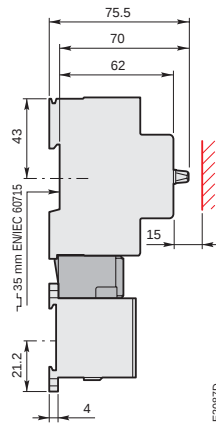
VB 6, VB 7 mini contactors
+ BEA 7/116
+ MS 116 manual motor starter



B 6, B 7 mini contactors
+ BEA 7/325
+ MS 325 manual motor starter



VB 6, VB 7 mini contactors
+ BEA 7/325
+ MS 325 manual motor starter



Notes

