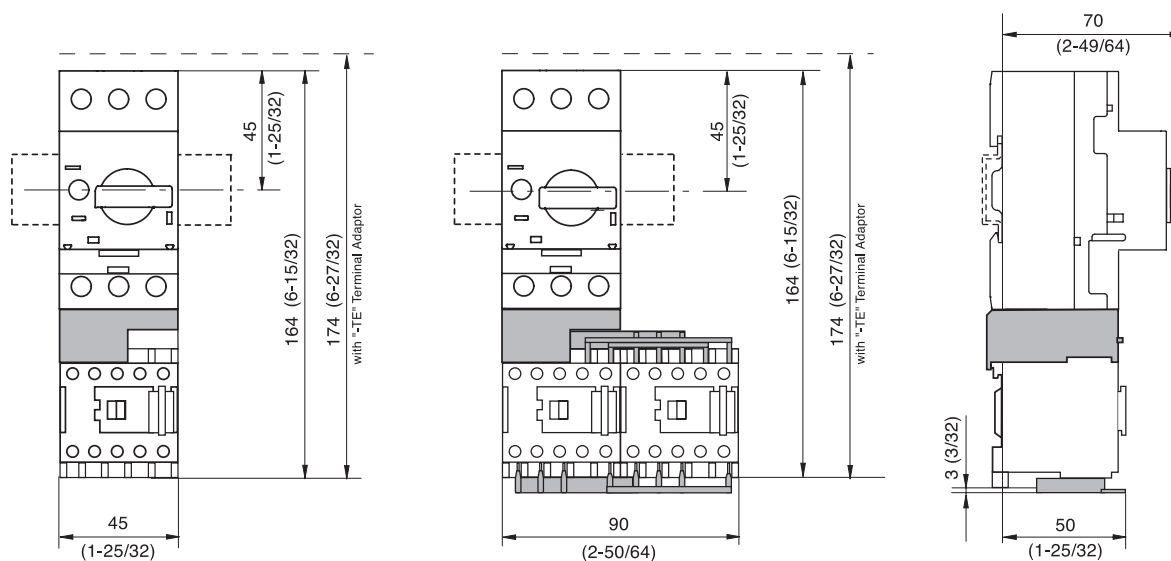
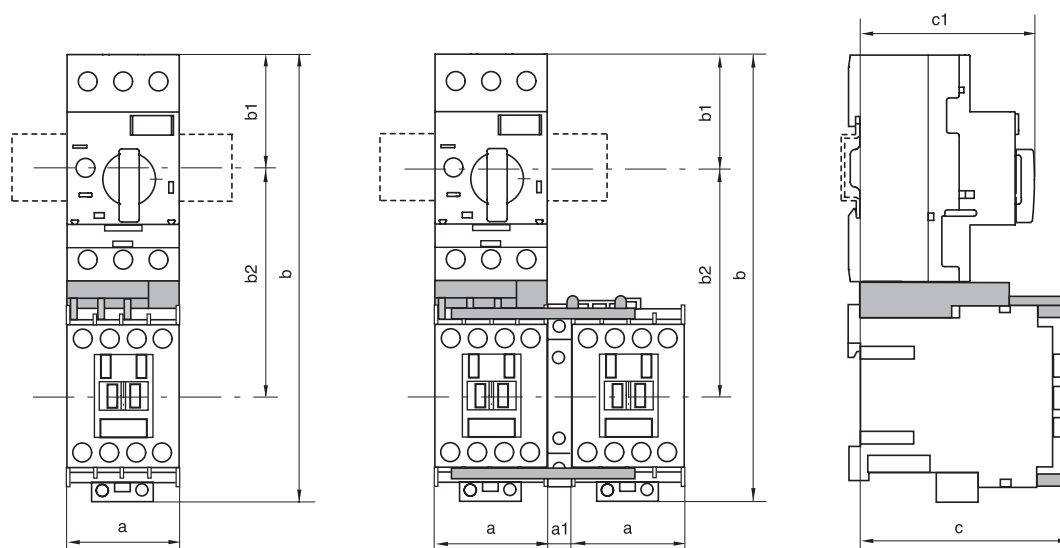


Ecombo Combination Starters
CL8 and CLU8 Ecombo Starters with KT7-25S

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.

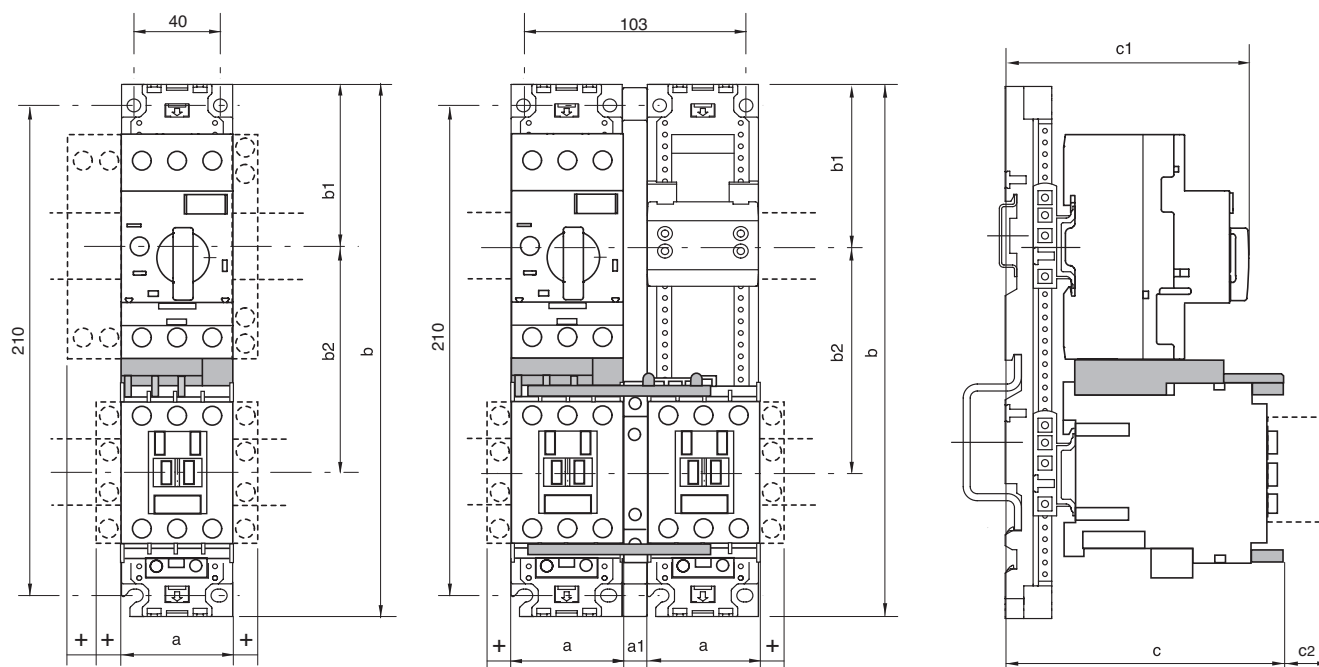

CL7-9...23(E) and CLU7-9...23(E) Ecombo Starters with KT7-25S


Catalog Number ❶	a	a1	b	b1	b2	c	c1
CL7-9(E)...CL7-23(E)	45 (1-25/32)	0	178 (7)	45 (1-25/32)	~	83.5 (3-19/64)	70 (2-49/64)
CL7-9(E)...CL7-23(E) with -TE Terminal Adaptor	45 (1-25/32)	0	188 (7-13/32)	55 (2-5/32)	~	83.5 (3-19/64)	70 (2-49/64)
CLU7-9(E)...CLU7-23(E)	45 (1-25/32)	10 (25/64)	178 (7)	45 (1-25/32)	~	83.5 (3-19/64)	70 (2-49/64)
CLU7-9(E)...CLU7-23(E) with -TE Terminal Adaptor	45 (1-25/32)	10 (25/64)	188 (7-13/32)	55 (2-5/32)	~	83.5 (3-19/64)	70 (2-49/64)

❶ Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.

Ecombo Combination Starters
CL7-30...43(E) and CLU7-30...43(E) Ecombo Starters with KT7-45H

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



Catalog Number ①②	a	a1	b	b1	b2	c	c1	c2	+
CL7-30(E)	54 (2.125)	~	228 (8.97)	69 (2.72)	105 (4.30)	122.5 (4.82)	134.5 (5.29)	~	9
CL7-37(E)	54 (2.125)	~	228 (8.97)	69 (2.72)	105 (4.30)	122.5 (4.82)	134.5 (5.29)	~	9
CL7-43(E)	54 (2.125)	~	228 (8.97)	69 (2.72)	105 (4.30)	136 (5.35)	137 (5.39)	31 (1.22)	9
CLU7-30(E)	54 (2.125)	9	228 (8.97)	69 (2.72)	105 (4.30)	122.5 (4.82)	134.5 (5.29)	~	9
CLU7-37(E)	54 (2.125)	9	228 (8.97)	69 (2.72)	105 (4.30)	122.5 (4.82)	134.5 (5.29)	~	9
CLU7-43(E)	54 (2.125)	9	228 (8.97)	69 (2.72)	105 (4.30)	136 (5.35)	137 (5.39)	31 (1.22)	9

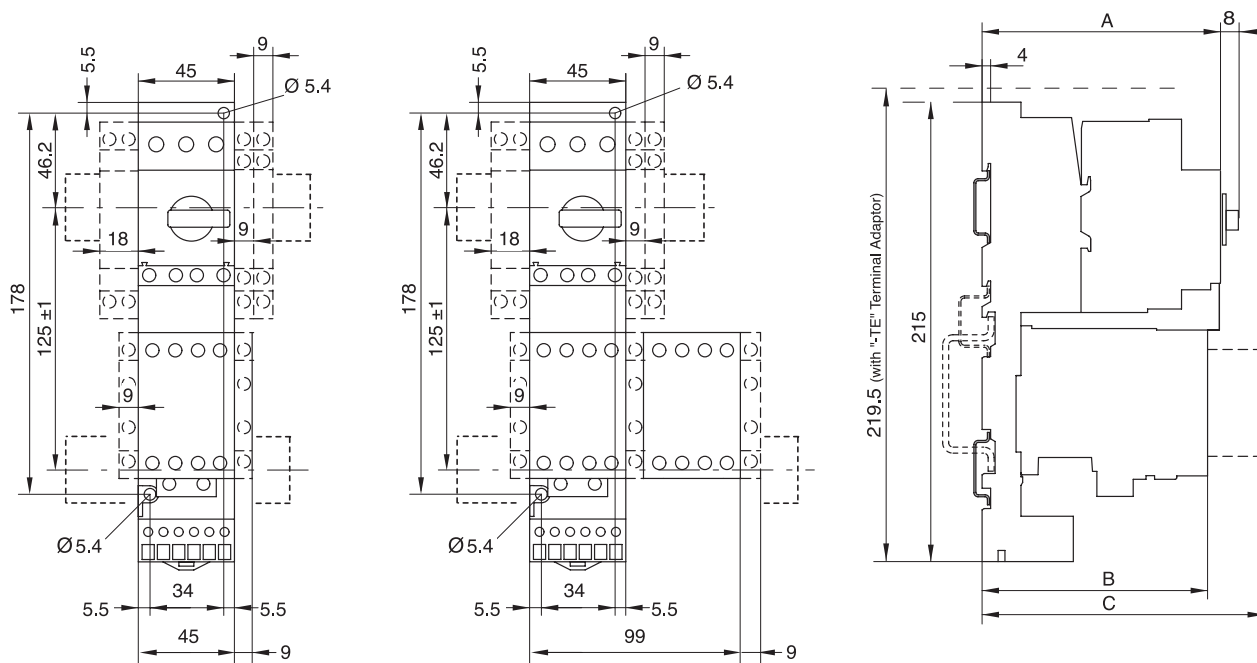
① CL7-30...43(E) and CLU7-30...43(E) include W-32490 Mounting Module. CLU7 includes W-32955 Spacer.

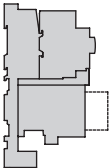
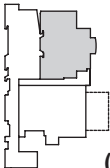
② Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.

EcomboPlus Combination Starters

CK7-9...23 and CKU7-9...23 EcomboPlus Starters

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



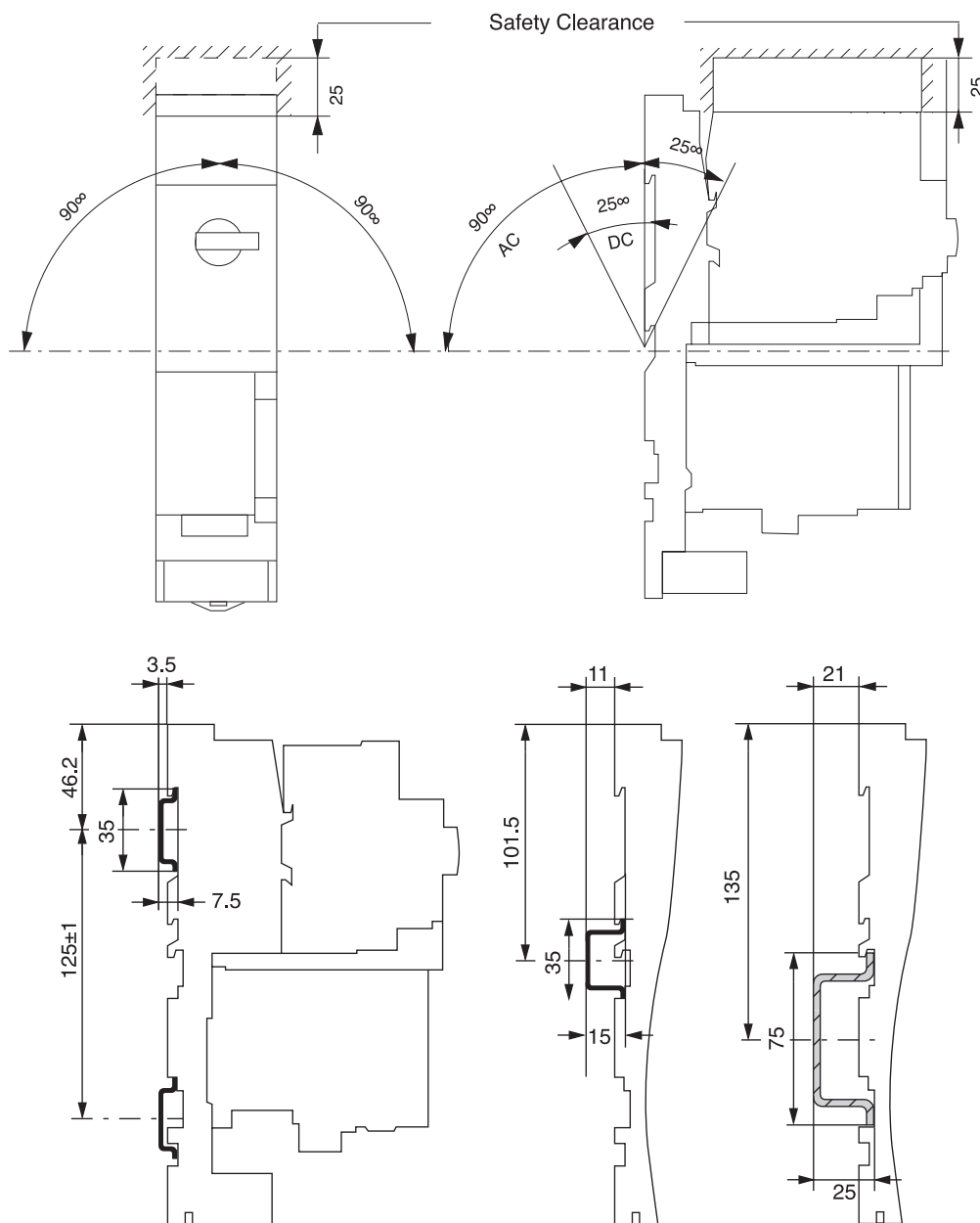
				A (mm)	B (mm)			C (mm)
Direct on-line starters ①								
CK7-9(E)	KT7-25S	112	107	➔	CA7-PV, CS7-PV CZE-7, CZA7 CV7	138 157 160		
CK7-12(E)								
CK7-16(E)	KT7-25H	122						
CK7-23(E)								
Reversing Starters								
CKU7-9	KT7-25S	112	107	➔	CA7-PV, CS7-PV CZE7, CZA7 CV7	138 157 160		
CKU7-12								
CKU7-16	KT7-25H	122						
CKU7-23								

① Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.

EcomboPlus Combination Starters

CK7-9...23

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.

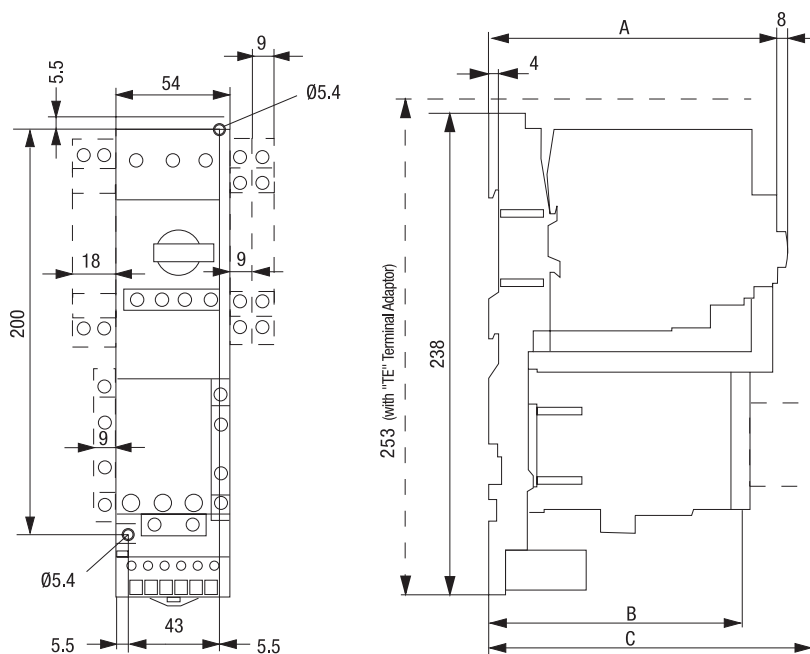


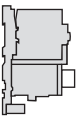
F

Ecombo Circuit Controllers

EcomboPlus Combination Starters
CK7-30...37

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



		A (mm)	B (mm)
CK7-30(E) ❶ CK7-37(E) ❶	KT7-45H	135	124

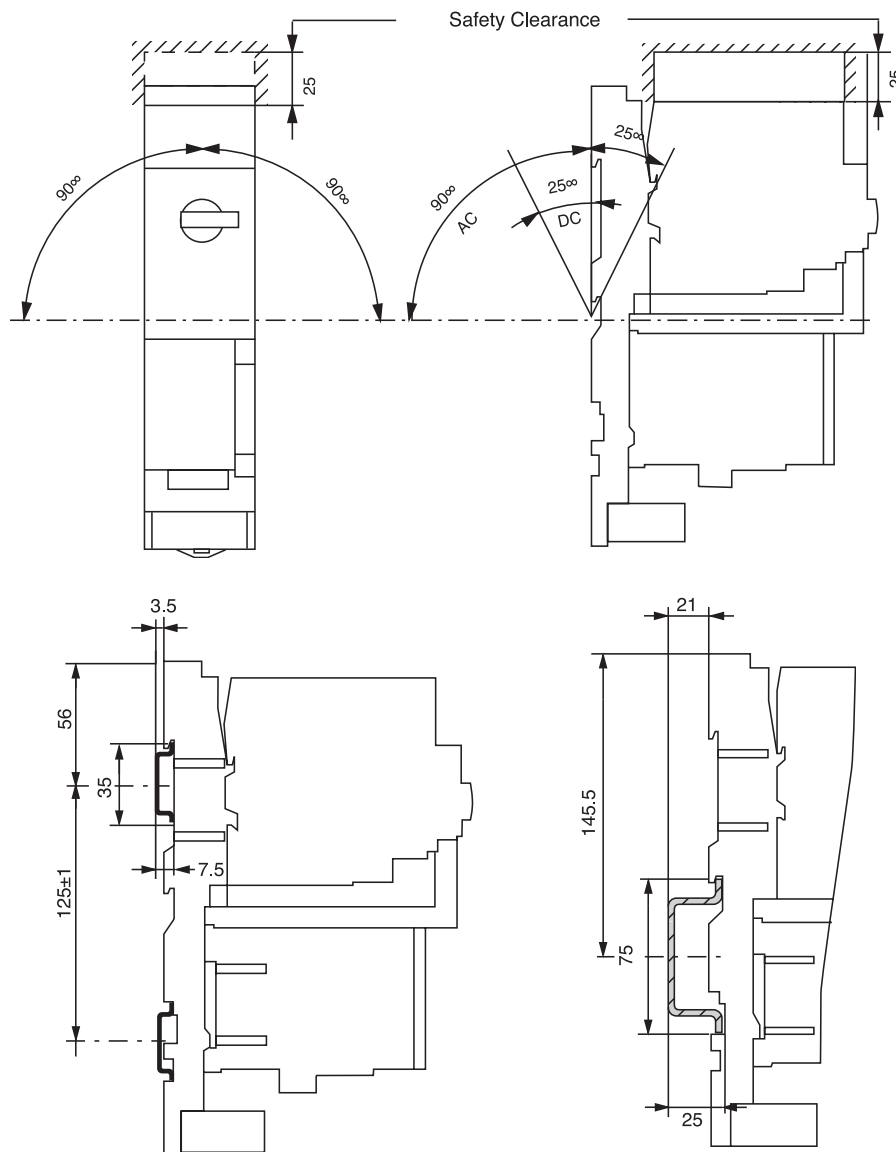
❶ Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.

	C (mm)
CA7-PV	154.5
CZE7	173.5
CV7	176.5

EcomboPlus Combination Starters

CK7-43

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.

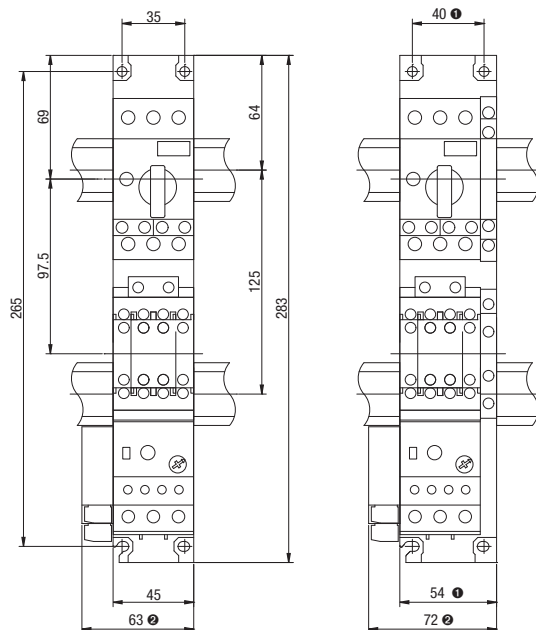
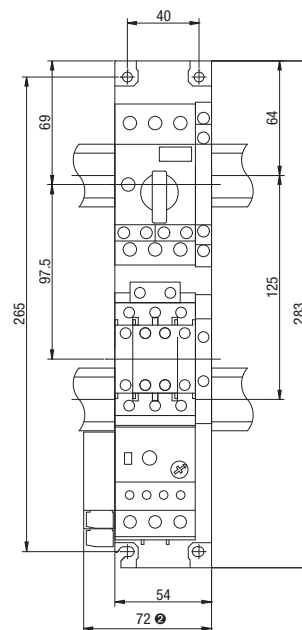
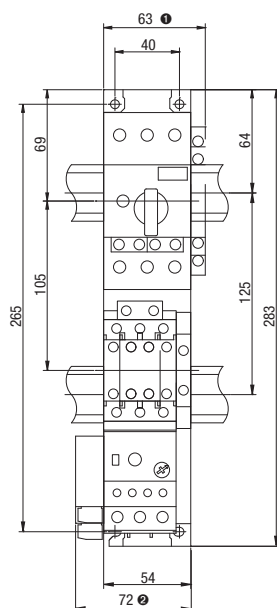
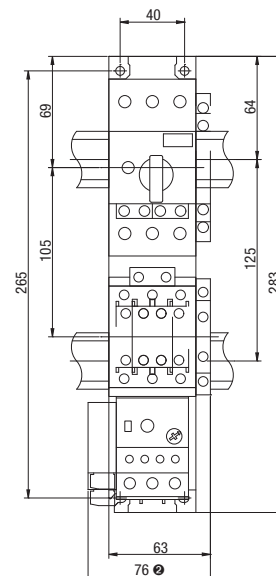


See previous page for dimensions A, B & C locations

		A (mm)	B (mm)
			
CK7-43(E) ①	KT7-45H	135	118.5

① Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.

	C (mm)
	
CA7-PV	157
CZE7	176
CV7	179

Non-Reversing Three Component Combination Starters ③
KTB7-25S + CA7-9...23 + CEP7-D/E

KTB7-25H + CA7-30...37 + CEP7-D/E

KTB7-45H + CA7-30...37 + CEP7-D/E

KTB7-45H + CA7-43 + CEP7-E


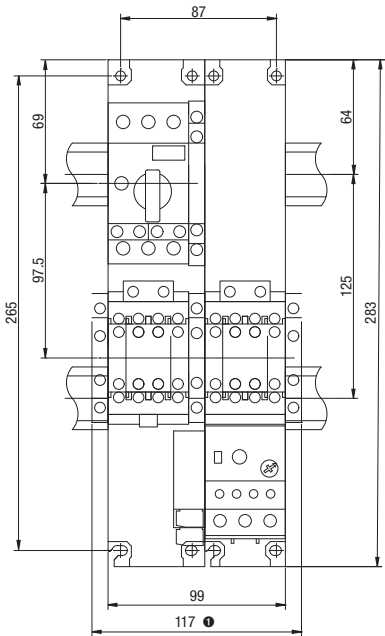
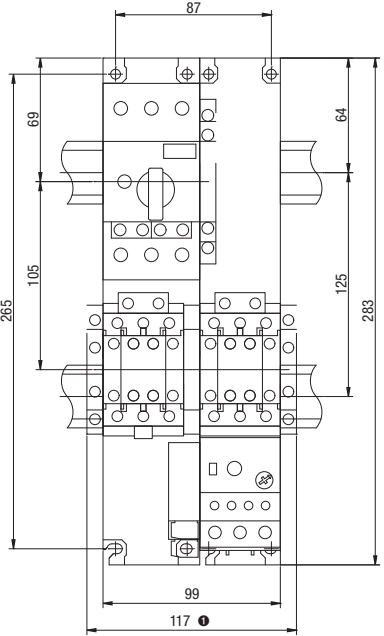
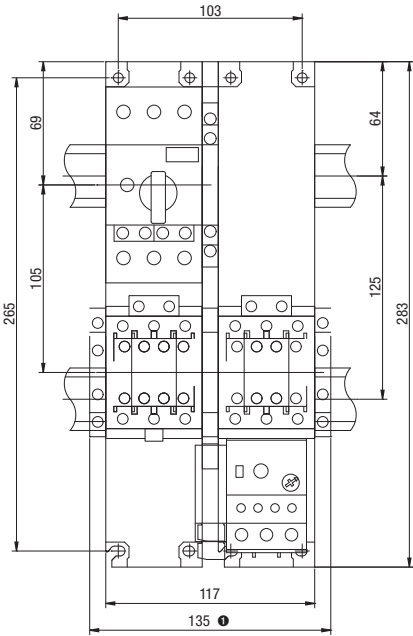
Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.

① With additional side mount auxiliary or trip contact(s)

② With CEP7-E* Side Mount Modules

③ Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.

Reversing Three Component Combination Starters ②

KTB7-25S + CAU7-9...37 + CEP7-D/E	KTB7-45H + CA7-30...37 + CEP7-D/E
	
KTB7-45H + CA7-43 + CEP7-E	
	

Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.

- ① With additional side mount auxiliary contact(s)
- ② Dimensions shown apply to AC coil contactors, or 12V or 24V Electronic DC coil contactors. Add 24 mm (1-25/32") to accommodate back pack on 36V...220V Electronic DC coils. See page A85 for details.