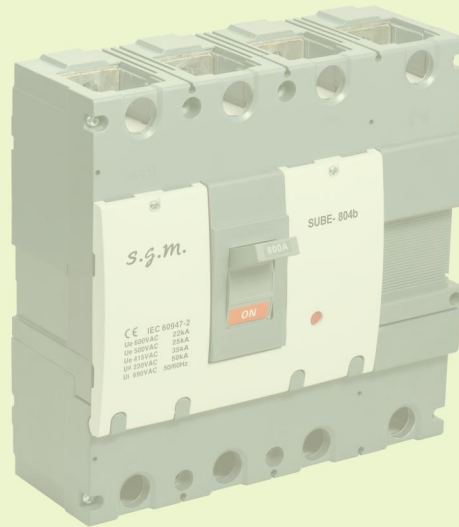
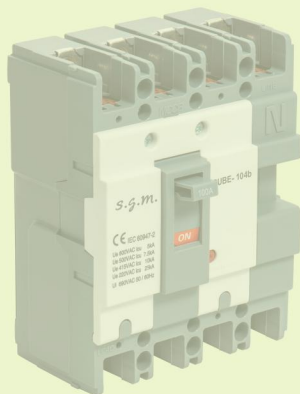
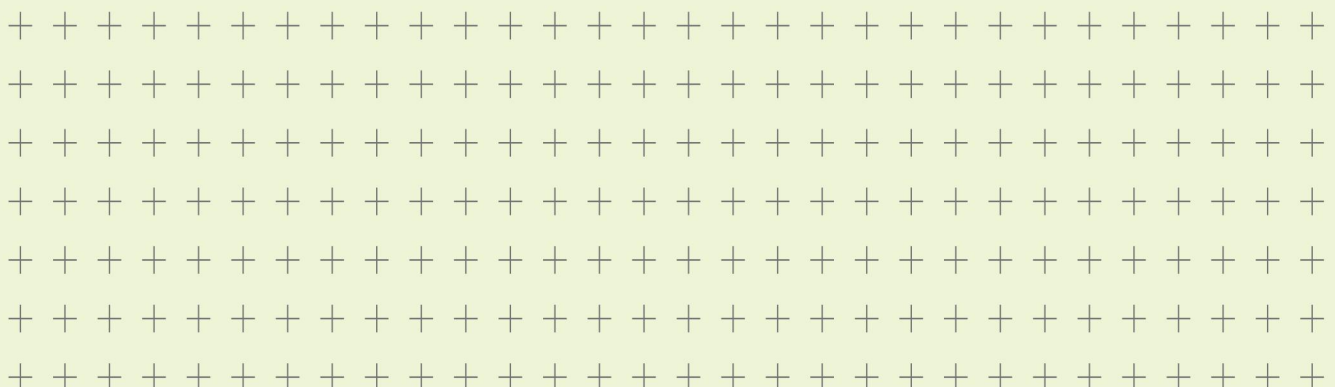
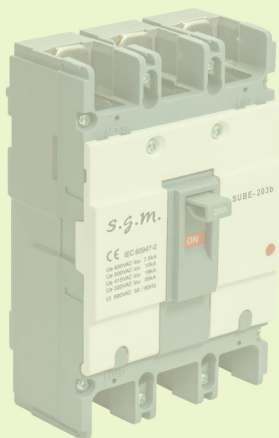




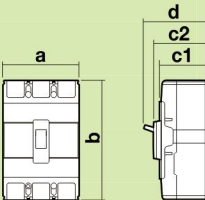
Rating Overview



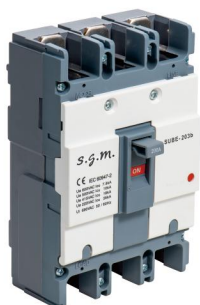
SUBE

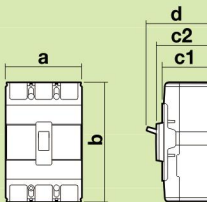
Technology Details



Frame size			50AF									
Type and pole			E-type			S-type						
			2-pole			SUBE52b			SUBS52b			
			3-pole			SUBE53b			SUBS53b			
			4-pole			SUBE54b			SUBS54b			
Rated current, In			5-10-15-20-30-40-50A									
Rated operational voltage, Ue			AC: 600V									
			DC: 250V									
Rated insulation voltage, Ui			AC: 690V									
Rated impulse withstand voltage, Uimp			6kV									
Rated short-circuit breaking			E-type			S-type						
capacity, Icu IEC 60947-2 (Icu)	AC	600V	2.5kA			5kA						
		480/500V	2.5kA			7.5kA						
		460V	5kA			10kA						
		415V	5kA			10kA						
		380V	7.5kA			14kA						
		220V	10kA			25kA						
	DC	250V	2.5kA			5kA						
		125V	5kA			10kA						
Ics=%×Icu		50%			50%							
Protective function			Overload, Short-circuit									
Type of trip unit			Hydraulic-Magnetic									
Magnetic trip range			10×In									
Endurance	Mechanical		8,500 operations									
	Electrical		1,500 operations									
Connection	Standard		Front connection									
	Optional		Rear connection									
			Plug-in									
Mounting		Standard		Screw fixing								
		Pole	2p	3p	4p	2p	3p	4p				
		a	50	75	100	50	75	100				
		b	130			130						
		c1	60			60						
		c2	64			64						
		d	82			82						

60AF						100AF					
E-type			S-type			E-type			S-type		
SUBE62b			SUBS62b			SUBE102b			SUBS102b		
SUBE63b			SUBS63b			SUBE103b			SUBS103b		
SUBE64b			SUBS64b			SUBE104b			SUBS104b		
15-20-30-40-50-60A						15-20-30-40-50-60-75-100A					
AC: 600V						AC: 600V					
DC: 250V						DC: 250V					
AC: 690V						AC: 690V					
6kV						6kV					
E-type			S-type			E-type			S-type		
2.5kA			5kA			5kA			10kA		
2.5kA			7.5kA			7.5kA			14kA		
5kA			10kA			10kA			25kA		
5kA			10kA			10kA			25kA		
7.5kA			14kA			14kA			25kA		
10kA			25kA			25kA			50kA		
2.5kA			5kA			5kA			14kA		
5kA			10kA			10kA			20kA		
50%			50%			50%			50%		
Overload, Short-circuit						Overload, Short-circuit					
Hydraulic-Magnetic						Hydraulic-Magnetic/Thermal-Magnetic					
10×In						10 × In					
8,500 operations						8,500 operations					
1,500 operations						1,500 operations					
Front connection						Front connection					
Rear connection						Rear connection					
Plug-in						Plug-in					
Screw fixing						Screw fixing					
2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p
50	75	100	50	75	100	50	75	100	60	90	120
130			130			130			155		
60			60			60			60		
64			64			64			64		
82			82			82			82		



Frame size			225AF						
Type and pole			E-type		S-type				
			2-pole		SUBE202b	SUBS202b			
			3-pole		SUBE203b	SUBS203b			
			4-pole		SUBE204b	SUBS204b			
Rated current, In			100-125-150-175-200-225						
Rated operational voltage, Ue			AC: 600V						
			DC: 250V						
Rated insulation voltage, Ui			AC: 690V						
Rated impulse withstand voltage, Uimp			6kV						
Rated short-circuit breaking			N-type		S-type				
capacity, Icu	AC	600V	7.5kA		10kA				
		480/500V	10kA		14kA				
IEC 60947-2 (Icu)		460V	18kA		25kA				
		415V	18kA		25kA				
		380V	18kA		25kA				
		220/240V	35kA		50kA				
		DC	250V		10kA		14kA		
	DC	125V	15kA		20kA				
		Ics=%×Icu		50%		50%			
Protective function			Overload, Short-circuit						
Type of trip unit			Thermal-Magnetic						
Magnetic trip range			10×In						
Endurance	Mechanical		7,000 operations						
	Electrical		1,000 operations						
Connection	Standard		Front connection						
	Optional		Rear connection						
			Plug-in						
Mounting	Standard		Screw fixing						
			2p	3p	4p	2p	3p	4p	
				105	105	140	105	105	140
			b	165			165		
			c1	60			60		
			c2	64			64		
			d	84			84		

400AF						600AF						800AF					
E-type			S-type			E-type			S-type			E-type			S-type		
SUBE402b			SUBS402b			SUBE602b			SUBS602b			SUBE802b			SUBS802b		
SUBE403b			SUBS403b			SUBE603b			SUBS603b			SUBE803b			SUBS803b		
SUBE404b			SUBS404b			SUBE604b			SUBS604b			SUBE804b			SUBS804b		
250-300-350-400A						500-600A						700-800A					
AC : 600V						AC: 600V						AC: 600V					
DC :250V						DC: 250V						DC: 250V					
AC :690V						AC: 690V						AC: 690V					
6kV						6kV						6kV					
E-type			S-type			E-type			S-type			E-type			S-type		
18kA			22kA			22kA			25kA			22kA			25kA		
18kA			25kA			25kA			45kA			25kA			45kA		
25kA			35kA			35kA			50kA			35kA			50kA		
25kA			35kA			35kA			50kA			35kA			50kA		
30kA			42kA			42kA			65kA			42kA			65kA		
35kA			50kA			50kA			100kA			50kA			100kA		
10kA			20kA			20kA			40kA			20kA			40kA		
20kA			30kA			30kA			50kA			30kA			50kA		
50%			50%			100%			100%			100%			100%		
Overload, Short-circuit						Overload, Short-circuit						Overload, Short-circuit					
Thermal-Magnetic						Thermal-Magnetic						Thermal-Magnetic					
8~12In						8~12In						8~12In					
4,000 operations						4,000 operations						4,000 operations					
1,000 operations						1,000 operations						1,000 operations					
Front connection						Front connection						Front connection					
Plug-in						Plug-in						Plug-in					
Screw fixing						-						-					
Screw fixing						Screw fixing						Screw fixing					
2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p
140	140	185	140	140	184	210	210	280	210	210	280	210	210	280	210	210	280
257			257			280			280			280			280		
110			110			110			110			110			110		
113			113			113			113			113			113		
145			145			145			145			145			145		

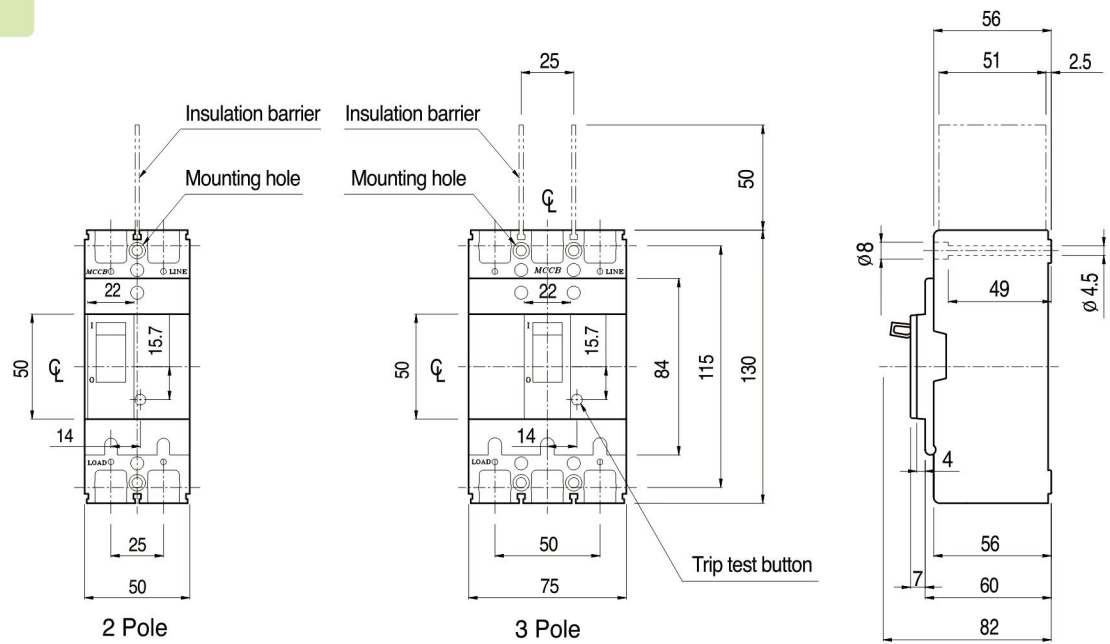
Dimensions

SUBE52b

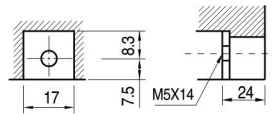
SUBE53b

SUBE62b

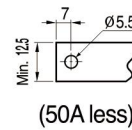
SUBE63b



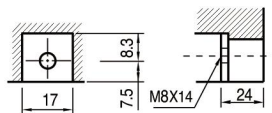
Detailed terminal



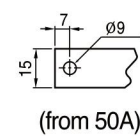
Hole size of a conductor



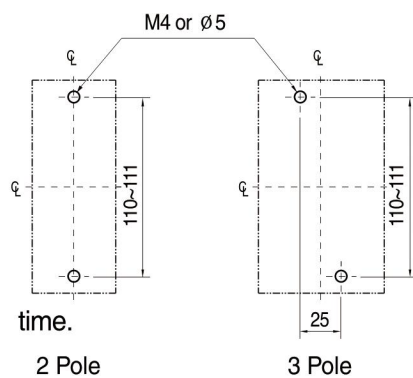
Detailed terminal



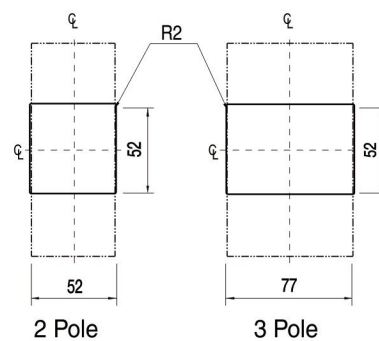
Hole size of a conductor



Mounting



Slot



SUBE102b

SUBE103b

SUBS52b

SUBS53b

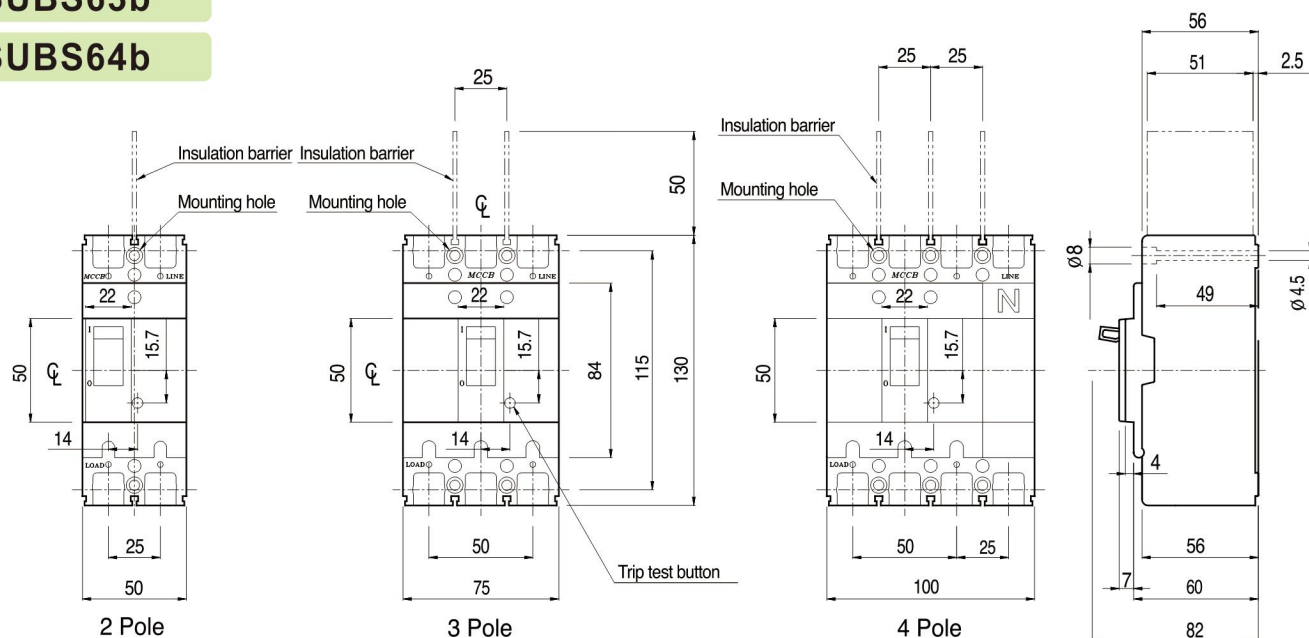
SUBS54b

SUBS62b

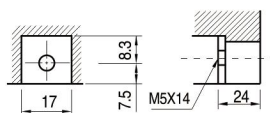
SUBS63b

SUBS64b

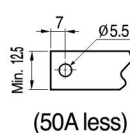
Dimensions



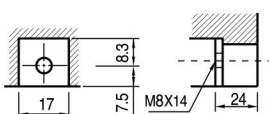
Detailed terminal



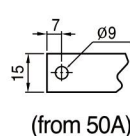
Hole size of a conductor



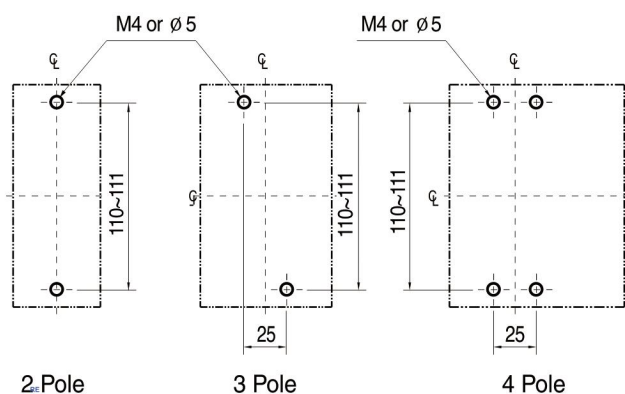
Detailed terminal



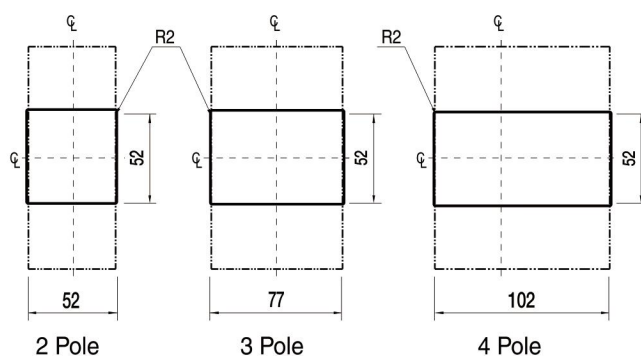
Hole size of a conductor



Mounting



Slot

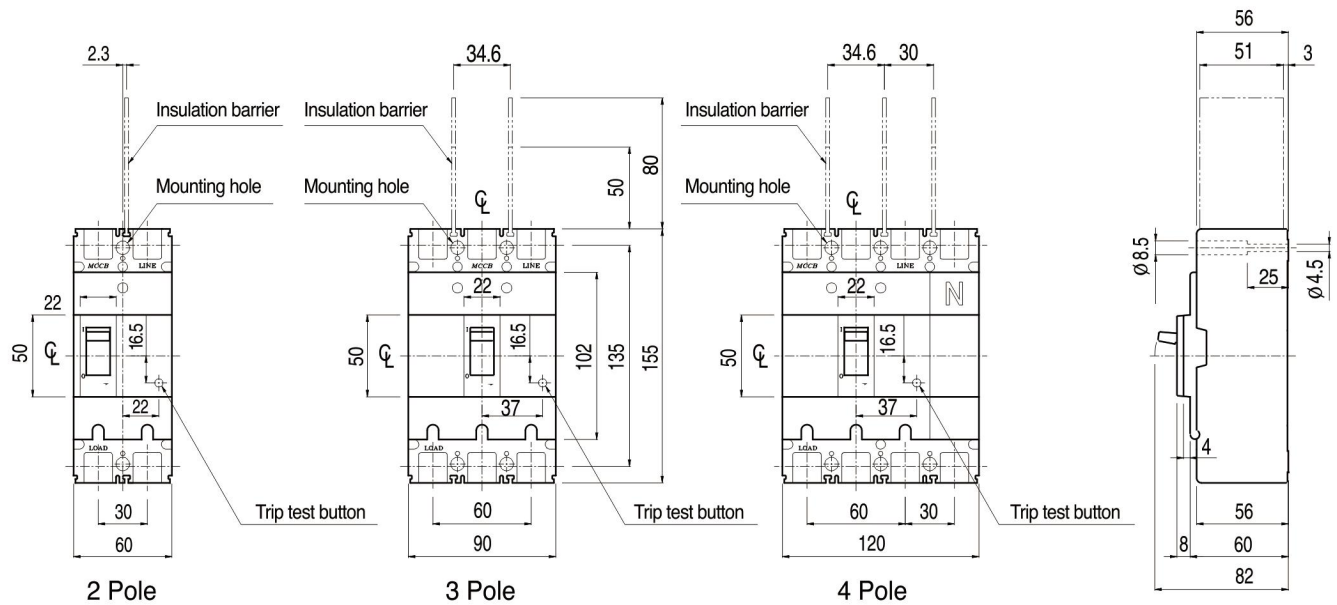


SUBS102b

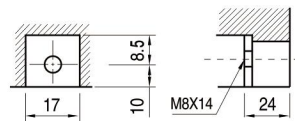
SUBS103b

SUBS104b

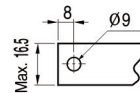
Dimensions



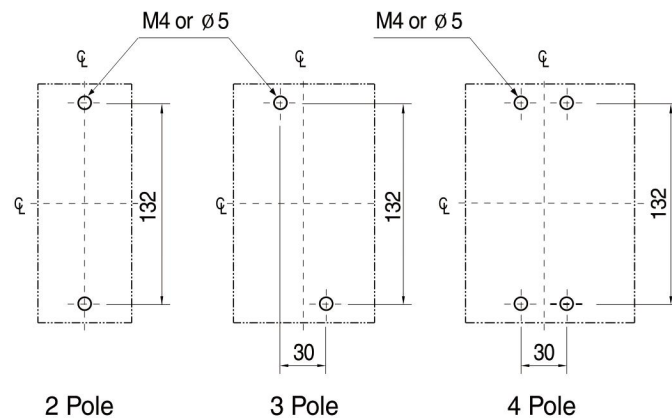
Detailed terminal



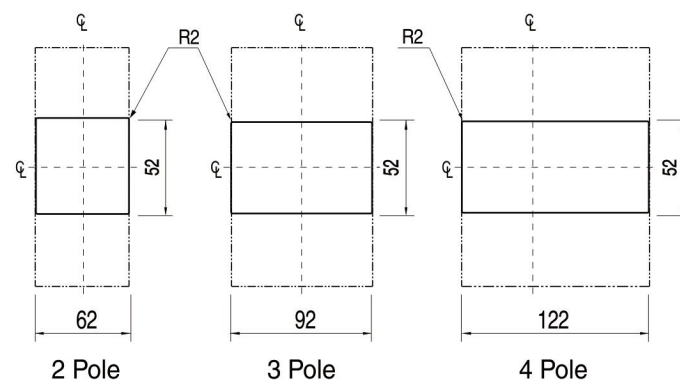
Hole size of a conductor



Mounting



Slot



SUBE202b

SUBE203b

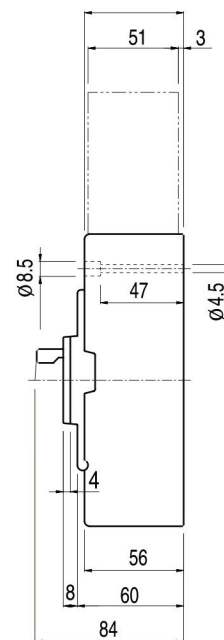
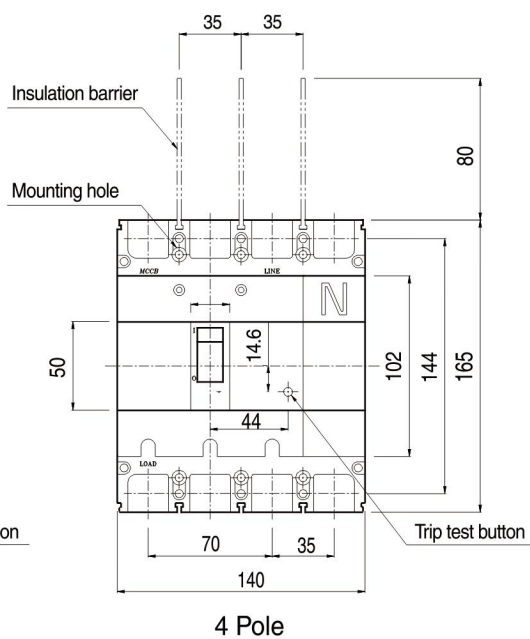
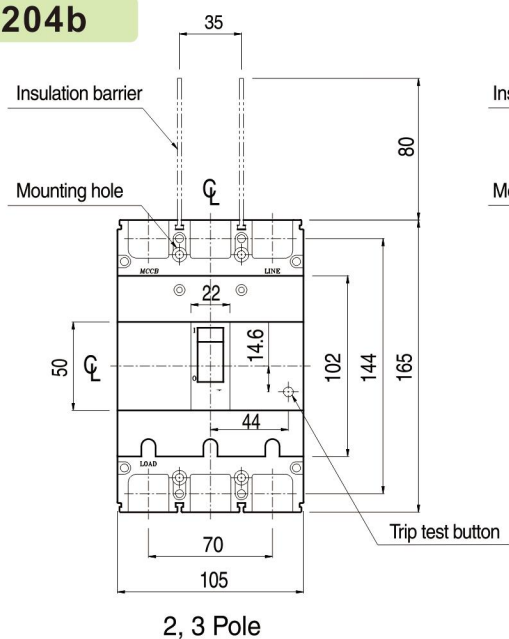
SUBE204b

SUBS202b

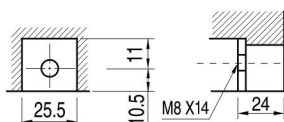
SUBS203b

SUBS204b

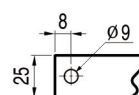
Dimensions



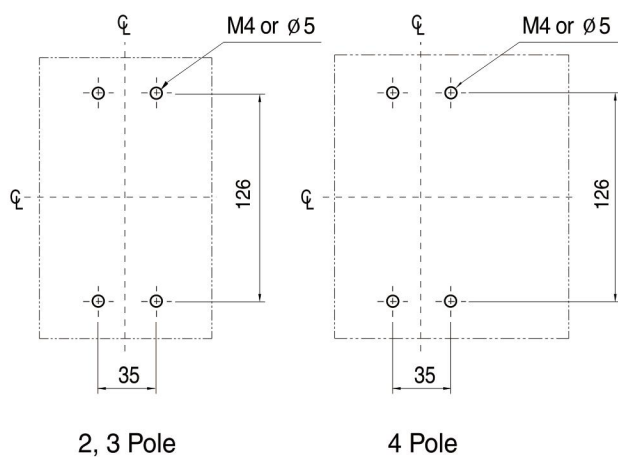
Detailed terminal



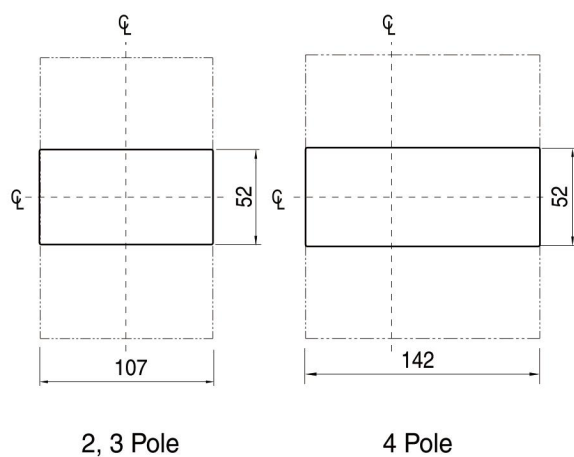
Hole size of a conductor



Mounting



Slot



SUBS404b

Technical drawings of the 2,3 Pole and 4 Pole circuit breakers, showing dimensions and internal components.

2,3 Pole Dimensions:

- Overall Width: 140 mm
- Overall Height: 257 mm
- Terminal Spacing: 56 mm
- Internal Width: 51 mm
- Internal Height: 52.5 mm
- Mounting Hole Spacing: 12.5 mm, 25 mm, 44 mm
- Mounting Hole Diameter: 15 mm
- Internal Components: 15 mm, 40.5 mm, 41 mm, 49 mm, 51 mm, 52.5 mm

4 Pole Dimensions:

- Overall Width: 185 mm
- Overall Height: 257 mm
- Terminal Spacing: 52.5 mm
- Internal Width: 51 mm
- Internal Height: 52.5 mm
- Mounting Hole Spacing: 25 mm, 44 mm, 4.25 mm
- Mounting Hole Diameter: 15 mm
- Internal Components: 15 mm, 40.5 mm, 41 mm, 49 mm, 51 mm, 52.5 mm

Side View Dimensions (4 Pole):

- Overall Width: 145 mm
- Overall Height: 113 mm
- Terminal Spacing: 95 mm
- Internal Width: 82 mm
- Internal Height: 52.5 mm
- Mounting Hole Spacing: 12.5 mm, 25 mm, 44 mm
- Mounting Hole Diameter: 15 mm
- Internal Components: 15 mm, 40.5 mm, 41 mm, 49 mm, 51 mm, 52.5 mm

Technical drawing of a part with dimensions 30, 13, 29, 37, and M10X30. The drawing shows a cross-section of a part with a central hole. The dimensions are: 30 (width of the top flange), 13 (height of the top flange), 29 (height of the main body), 37 (width of the main body), and M10X30 (thread specification).

The technical drawings illustrate the motor terminal box dimensions for three mounting configurations:

- Side View:** Shows the profile of the terminal box with three mounting slots labeled "A", "B", and "C". The horizontal dimensions are 112 mm (total width), 111 mm (width to the center of Slot "A"), and 97 mm (width to the center of Slot "B").
- Top View:** Shows the layout of the terminal box with dimensions for the three configurations:
 - "A" (Handle only):** A rectangular box with a height of 100 mm and a width of 53 mm.
 - "B" (Handle & name plate):** A rectangular box with a height of 100 mm and a width of 142 mm (3 Pole) / 187 mm (4 Pole).
 - "C" (Handle, name plate & button):** A rectangular box with a height of 152 mm and a width of 142 mm (3 Pole) / 187 mm (4 Pole).

SUBE602b

SUBE603b

SUBE604b

SUBS602b

SUBS603b

SUBS604b

SUBE802b

SUBE803b

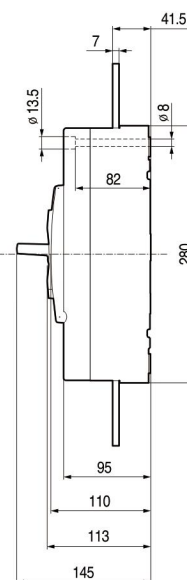
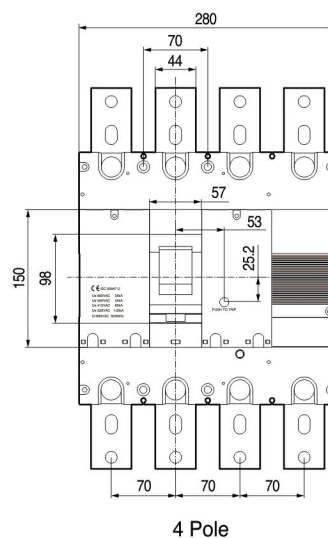
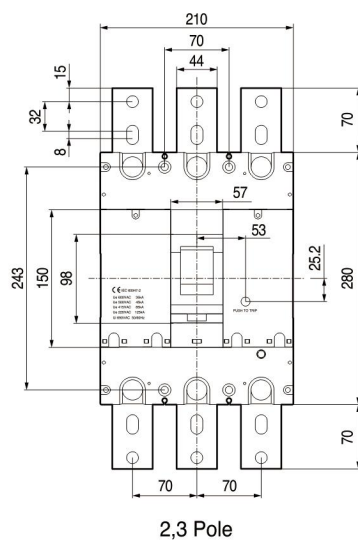
SUBE804b

SUBS802b

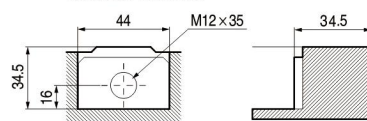
SUBS803b

SUBS804b

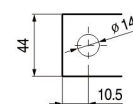
Dimensions



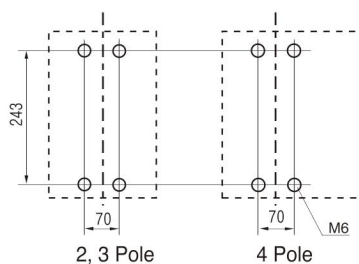
Detailed terminal



Hole size of a conductor



Mounting



Slot

