

Quick selection table

Molded Case Circuit Breakers



MCCBs

AF		125AF
Type		S-Type
	3-pole	ABS103c
	4-pole	ABS104c
Rated current, I _n	A	16, 20, 25, 32, 40, 50, 63, 80, 100, 125
	Adjustable Range	0.7 ... 1 × I _n Note) 1
Rated operational voltage, U _e	AC(V)	415/460
Rated insulation voltage, U _i	V	1,000
Rated impulse withstand voltage, U _{imp}	kV	8
Rated short-circuit breaking capacity(I_{cu}) kA (Sym), IEC 60947-2		
	415/460V	37kA
	220/240V	85kA
I _{cs} =%×I _{cu}		100
Dimensions (mm)	3-pole	90×155×60
W×H×D	4-pole	120×155×60
Accessories	AX/AL	● (common use)
	SHT	● (common use)
	UVT	● (common use)
	D-Handle	● (common use)
	E-Handle	● (common use)
	N-Handle	● (common use)
	Plug-In	● (common use)
	Rear Connection (Bar, Round)	● (common use)
	Pad Lock	●
	Terminal Cover (Short Type)	● (common use)
	Terminal Cover (Long Type)	● (common use)

Note) 1. Adjustable range of 16A MCCB : 0.8~1×I_n

2. 4-Pole product's ampacity on neutral conductor is equal to or less than 50% of the rated current.



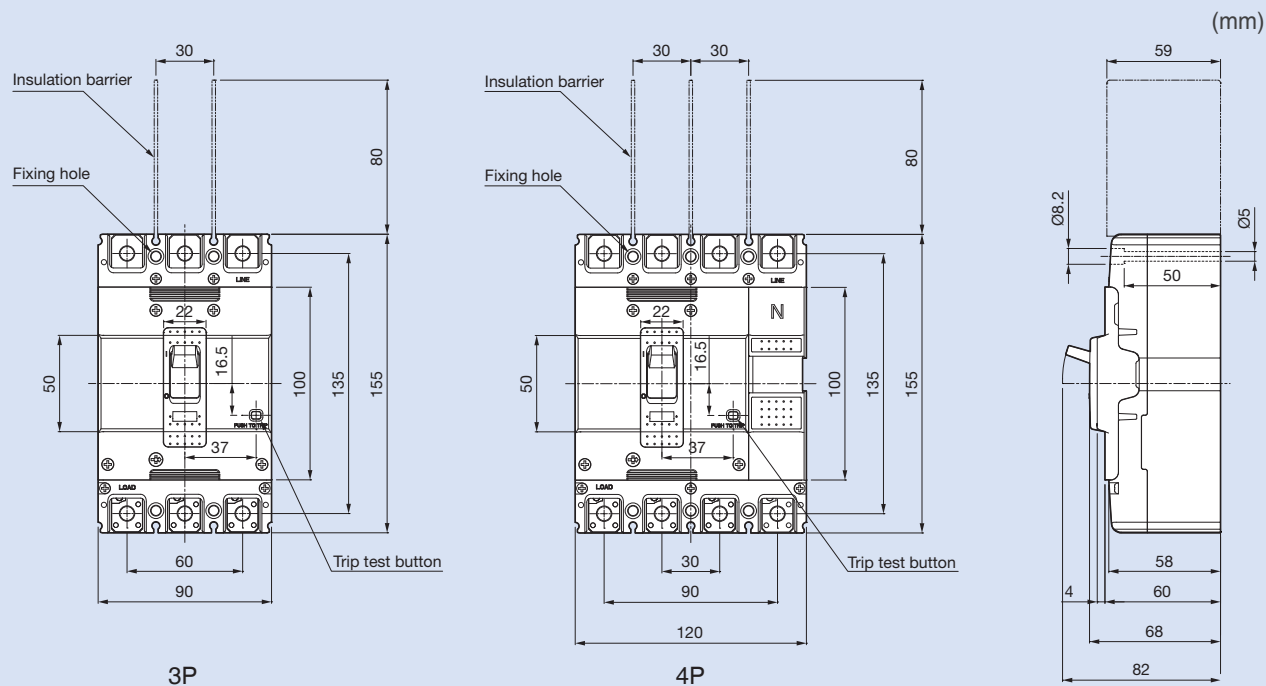
AF		250AF
Type		S-Type
	3-pole	ABS203c
	4-pole	ABS204c
Rated current, I _n	A	100, 125, 160, 200, 250
	Adjustable Range	0.7 ... 1 × I _n
Rated operational voltage, U _e	AC(V)	415/460
Rated insulation voltage, U _i	V	1,000
Rated impulse withstand voltage, U _{imp}	kV	8
Rated short-circuit breaking capacity(I_{cu}) kA (Sym), IEC 60947-2		
	415/460V	37kA
	220/240V	85kA
I _{cs} =%×I _{cu}		100
Dimensions (mm)	3-pole	105×165×60
W×H×D	4-pole	140×165×60
Accessories	AX/AL	● (common use)
	SHT	● (common use)
	UVT	● (common use)
	D-Handle	● (common use)
	E-Handle	● (common use)
	N-Handle	● (common use)
	Plug-In	● (common use)
	Rear Connection (Bar, Round)	● (common use)
	Pad Lock	●
	Terminal Cover (Short Type)	● (common use)
	Terminal Cover (Long Type)	● (common use)

Note) 4-Pole product's ampacity on neutral conductor is equal to or less than 50% of the rated current.

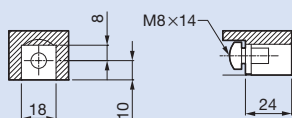
Dimensions

MCCB

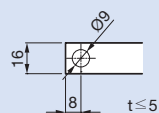
ABS125c



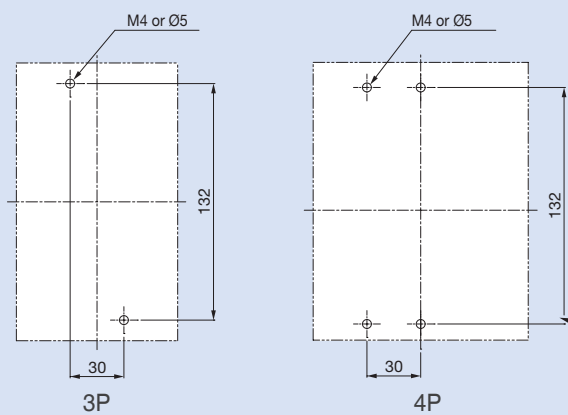
Terminal details



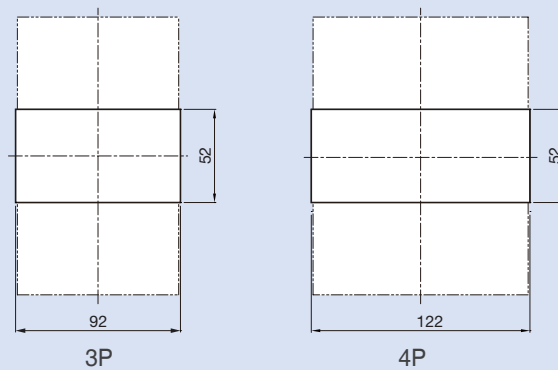
Connecting



Panel drilling



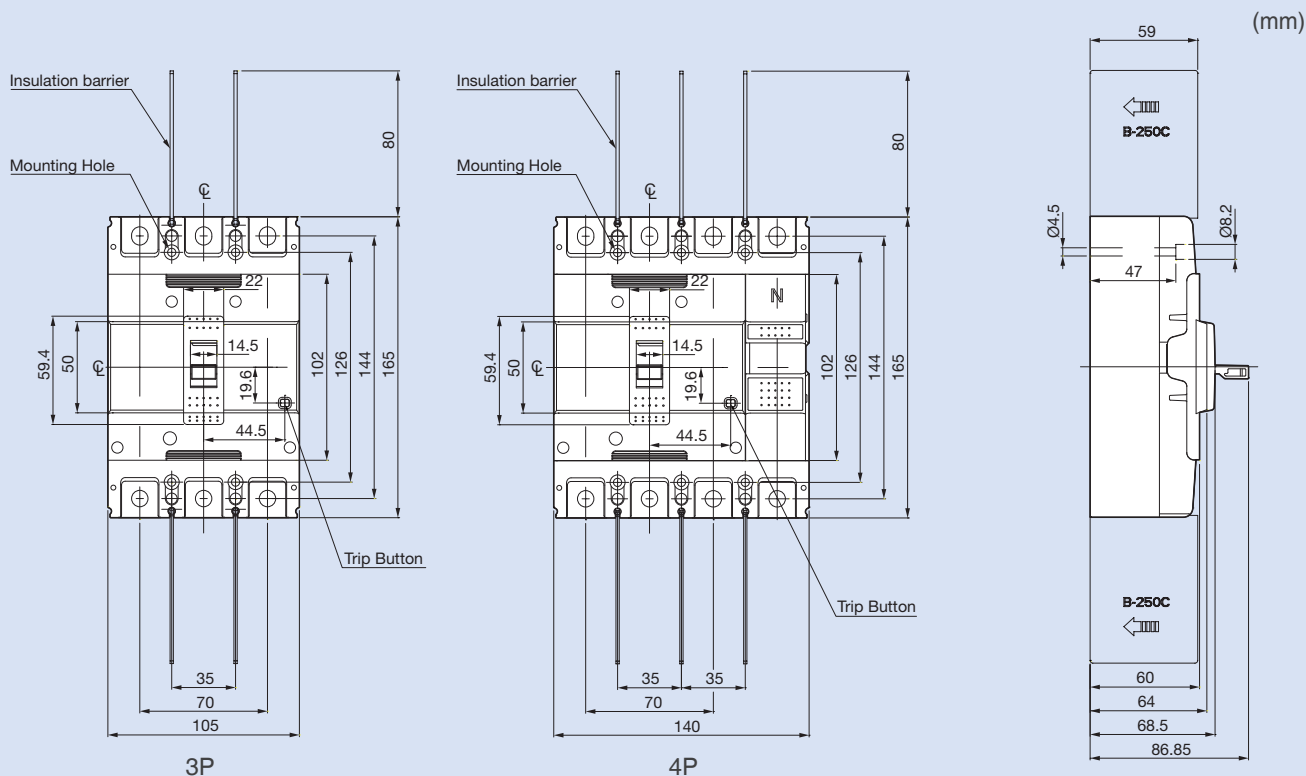
Front panel cutting



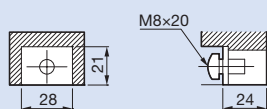
Dimensions

MCCB

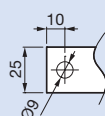
ABS250c



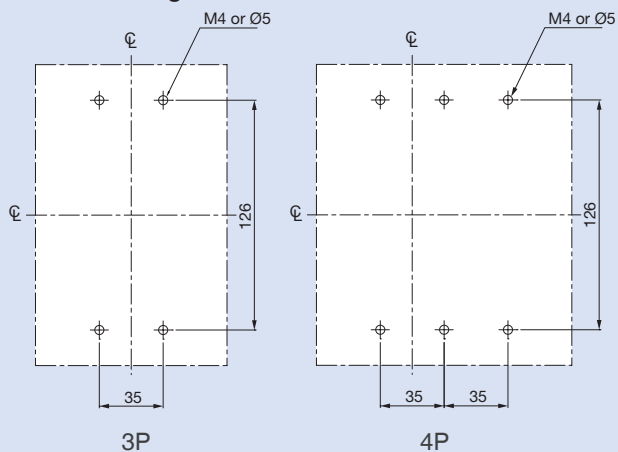
Terminal details



Connecting



Panel drilling



Front panel cutting

