

Molded Case Circuit Breakers

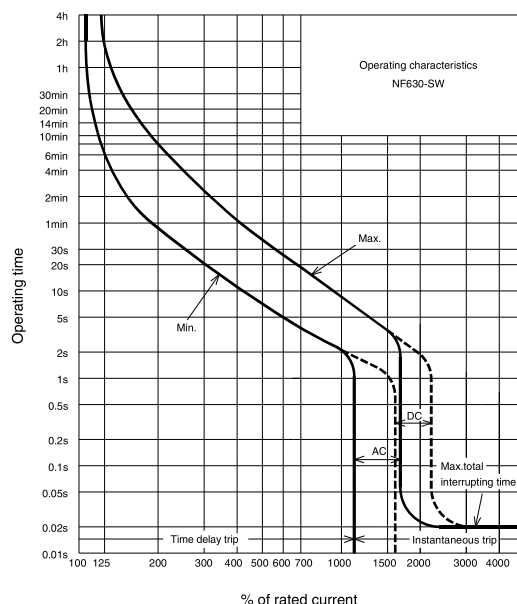
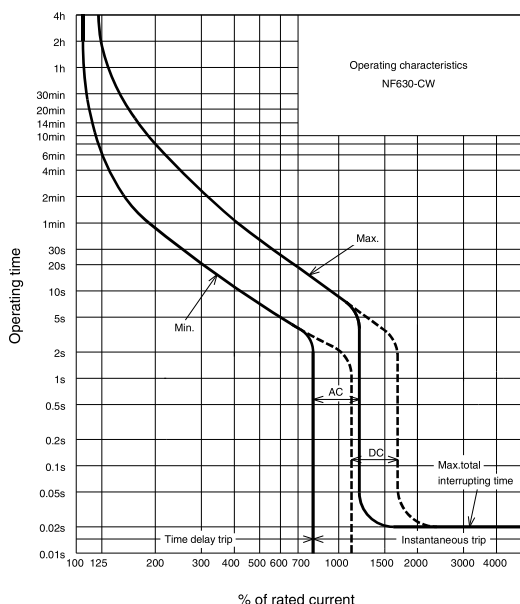
NF630-CW NF630-SW



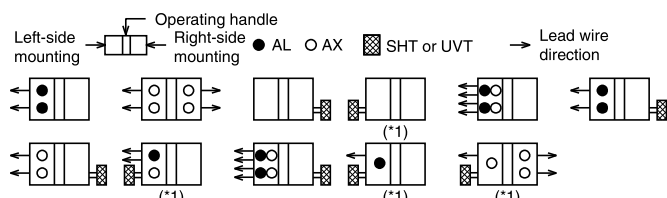
Model			NF630-CW		NF630-SW		
Rated current In (A) Reference ambient temperature 40°C			500 600 (630)				
Number of poles			2	3	2	3	4
Rated insulation voltage Ui (V)			690		690		
Rated short-circuit breaking capacity (kA)	IEC 60947-2 (Icu/Ics)	AC	690V	—		10/10	
			500V	18/9		30/30	
			440V	36/18		42/42	
			415V	36/18		50/50	
			400V	36/18		50/50	
			380V	40/20		50/50	
			230V	50/25		85/85	
		200V	50/25		85/85		
DC (*1)		250V	20/10		40/40		
Standard attached parts		Front connection	Terminal screw: M12 boltx35 (2-pole: 4pcs, 3-pole: 6pcs, 4-pole: 8pcs) Mounting screw: M6x72 (4pcs) Insulating barrier: (2P: 2pcs, 3P: 4pcs, 4P: 6pcs)				
		Rear connection	Terminal screw: M12 boltx35 (2-pole: 4pcs, 3-pole: 6pcs, 4-pole: 8pcs) Mounting screw: M6x85 (4pcs)				

Note *1 When wired as shown at the bottom of page 18, 3-pole models can be used for up to 400VDC, and 4-pole models for up to 500VDC.

Operating Characteristics

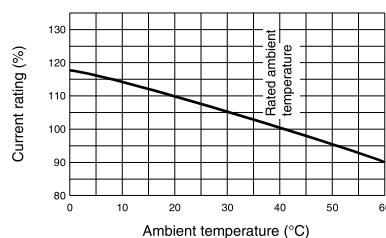


Internal Accessories



Note *1 Right-side mounting is standard of SHT and UVT. Specify separately for left-side mounting.
Remark: 1. Refer to page 110.

Temperature Compensation Curve



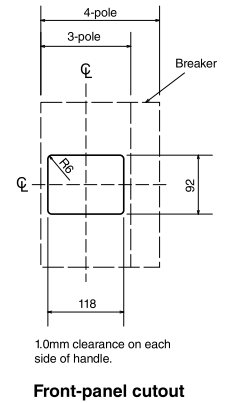
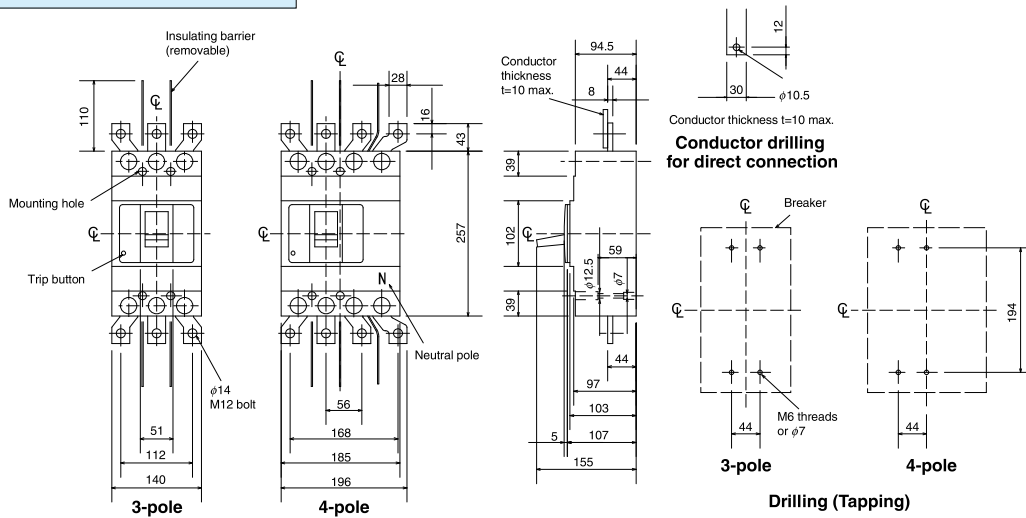
External Accessories

Accessories			Type name	Reference page	Accessories			Type name	Reference page	
Operating handle	F		F-4S	123	Terminal cover	Large	TC-L	2, 3P	TCL-4SW3	128
	V		V-4S	125				4P	TCL-4SW4	
Mechanical interlock	MI	2, 3P	MI-4SW3	136		Skeleton	TTC	2, 3P	TTC-4SW3	
		4P	MI-4SW4					4P	TTC-4SW4	
Auxiliary handle	HT		HT-4SW	135		Rear	BTC	2, 3P	BTC-4SW3	
									4P	
Note *1 Specify the operation method and voltage. Order in combination with the breaker unit.						Handle lock device		HL		
							HL-S		HLS-4SW	
										Electrical operation device
							4P			

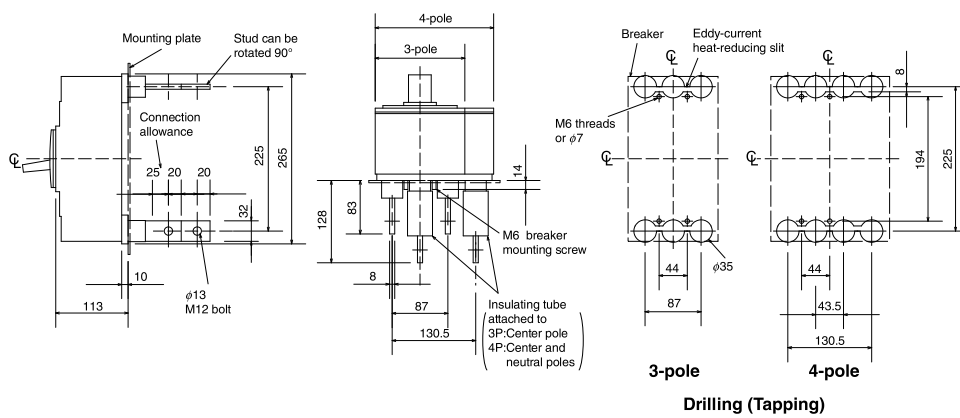
Note *1 Specify the operation method and voltage. Order in combination with the breaker unit.

Outline Drawing

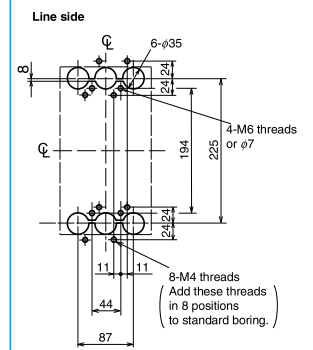
Front connection



Rear connection



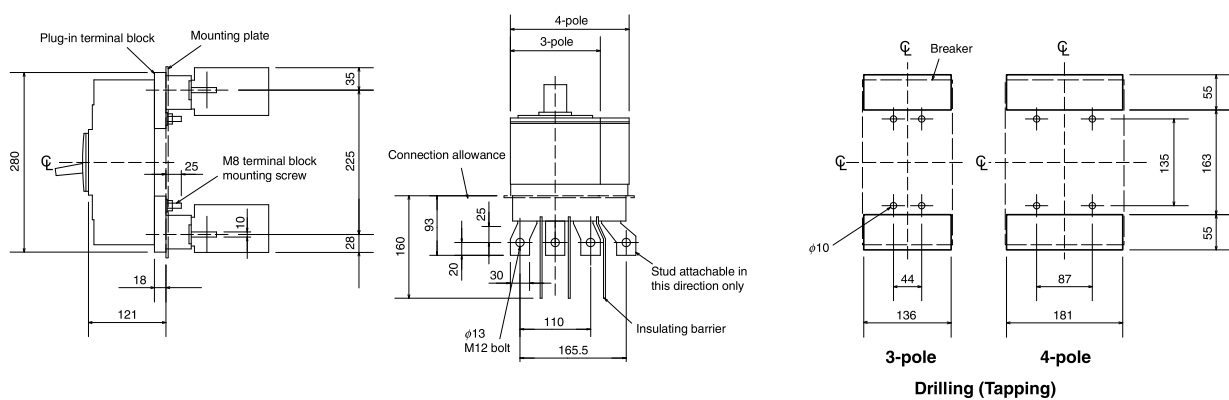
Boring dimensions for rear connection type barriers (3-pole)



Line side

Note The bore dimensional drawing shows the breaker viewed from the rear.

Plug-in



Remark: 1. 2-pole models are 3-pole models with the central pole removed.