

Earth Leakage Circuit Breakers

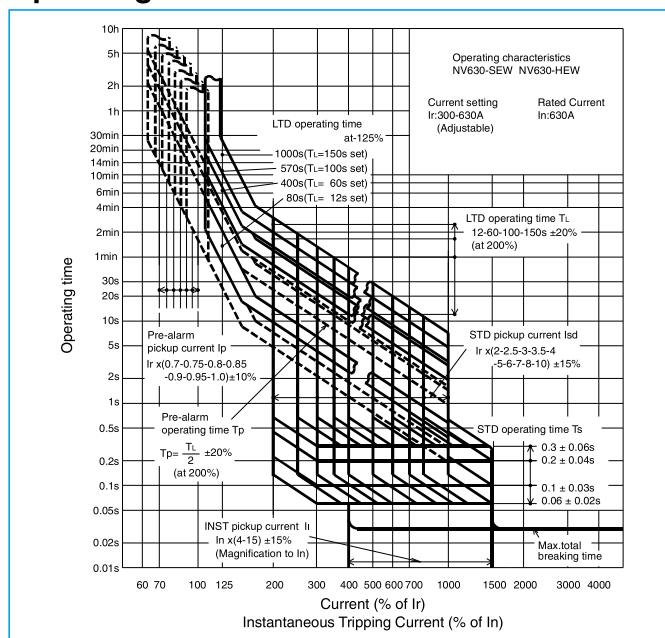
NV630-SEW NV630-HEW



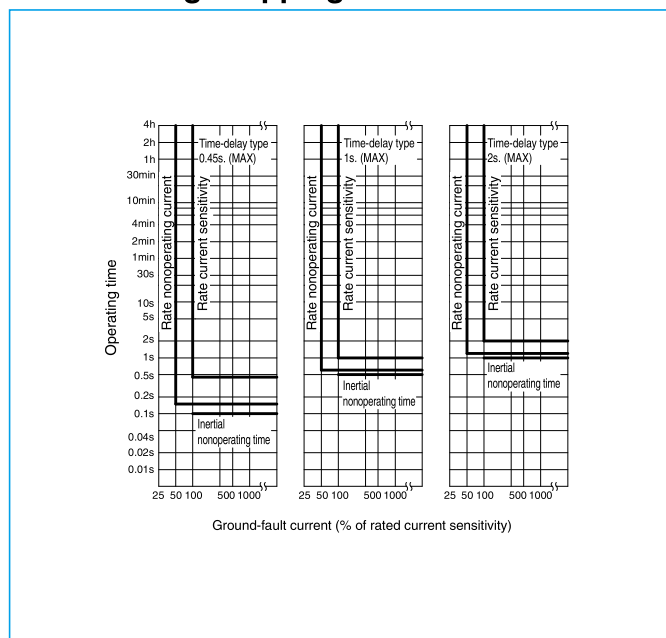
NV630-SEW

Model			NV630-SEW		NV630-HEW	
Rated current In (A)			Adjustable			
Reference ambient temperature 40℃			300 350 400 500 600 630			
Number of poles			3	4	3	
Phase line			3P : 3φ3W, 1φ3W, 1φ2W 4P : 3φ4W			
Rated operational voltage Ue (V)		AC	200-440			
High-speed type	Rated current sensitivity (mA)		—			
	Max operating time (s)	at IΔn	—			
		at 5IΔn	—			
Time-delay type	Rated current sensitivity (mA)		(100 · 200 · 500 Selectable)			
	Max operating time (s)		(0.45 · 1.0 · 2.0 Selectable)			
	Inertial operating time (s) (or more)		(0.1 · 0.5 · 1.0)			
Earth leakage protection characteristic			Type AC			
Earth-leakage indication system			Mechanical type (Button)			
Rated short-circuit breaking capacity (kA) IEC 60947-2 (Icu/Ics) EN 60947-2	AC	440V	42/42		65/65	
		415V	50/50		70/70	
		400V	50/50		70/70	
		230V	85/85		100/100	
		200V	85/85		100/100	
	100V	—		—		
Standard attached parts (Front connection)			Terminal screw: M12 bolt×35 (3-pole: 6pcs, 4-pole: 8pcs) Mounting screw: M6×72 (4pcs) Insulation barrier: (3P: 4pcs, 4P: 6pcs)			

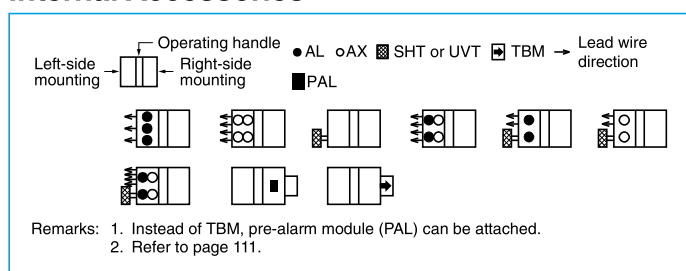
Operating Characteristics



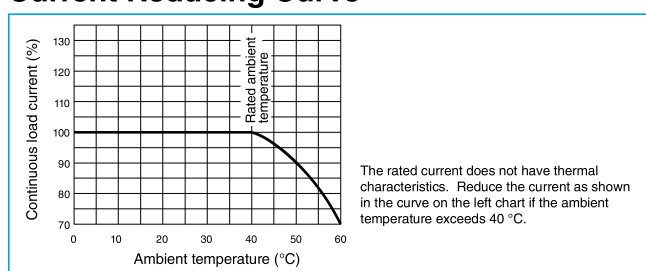
Earth Leakage Tripping Characteristics



Internal Accessories



Current Reducing Curve



External Accessories

Accessories			Type name	Reference page	Accessories			Type name	Reference page
Operating handle		F	F-4S	123	Auxiliary handle		HT	HT-4SW	135
		V	V-4S	125					
Mechanical interlock		MI	3P MI-4SW3	136	Terminal cover	Large	TC-L	3P TCL-4SW3 (*1)	128
			4P MI-4SW4				4P TCL-4SW4 (*1)		
Skeleton	TTC	3P TTC-4SW3	128						
		4P TTC-4SW4							
	Rear	BTC		3P BTC-4SW3 (*2)		128			
4P BTC-4SW4									
Handle lock device		HL	HL-4SW	134					
		HL-S	HLS-4SW						
Electrical operation device		NVM	3P	(*3)	140				
			4P						

Notes

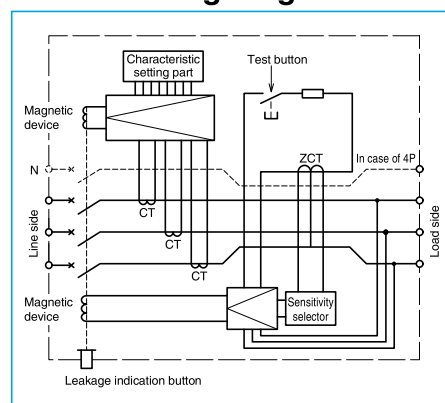
*1 This is for NV630-SEW.

*2 This is for NV630-SEW. For rear terminal cover of NV630-HEW, use PTC-4SW3.

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

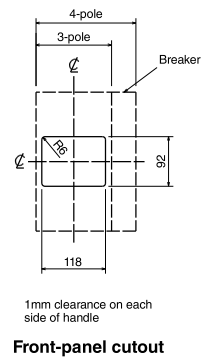
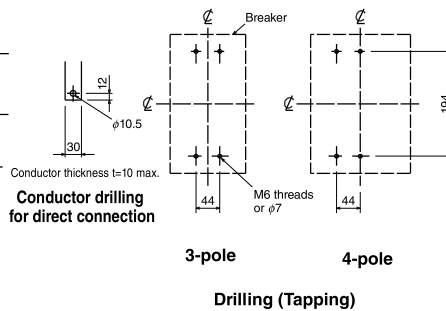
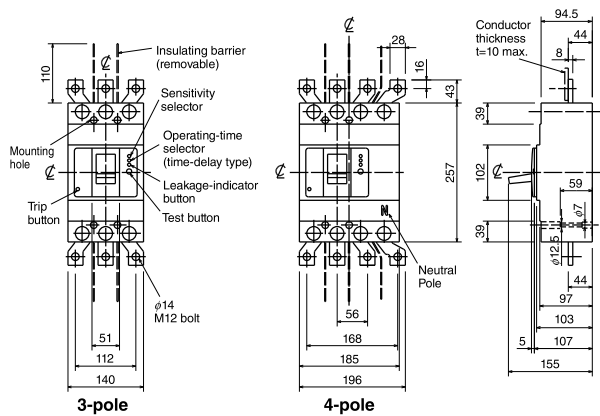
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Internal Wiring Diagram

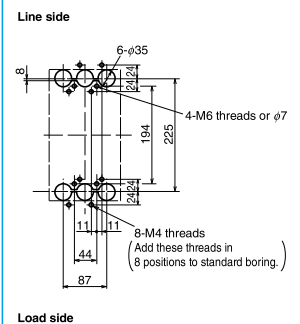
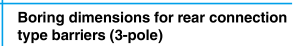
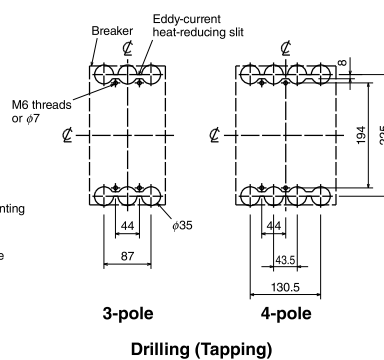
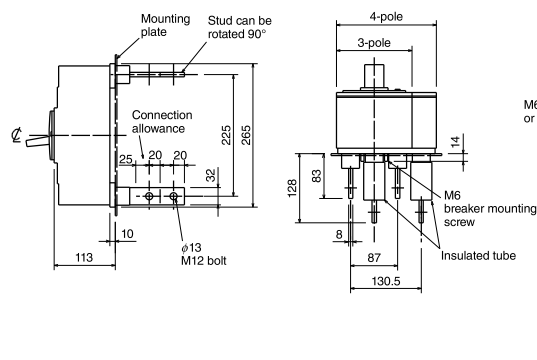


Outline Drawing

Front connection



Rear connection



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

Plug-in

