

Earth Leakage Circuit Breakers

NV400-SEW NV400-HEW

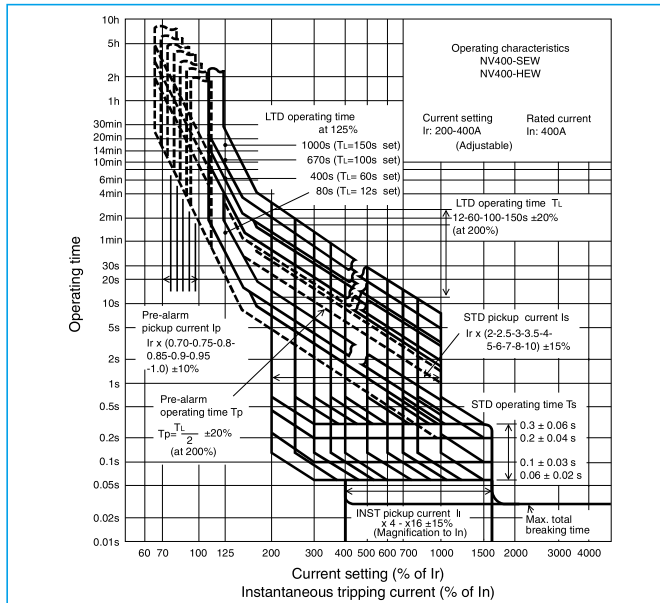


NV400-SEW

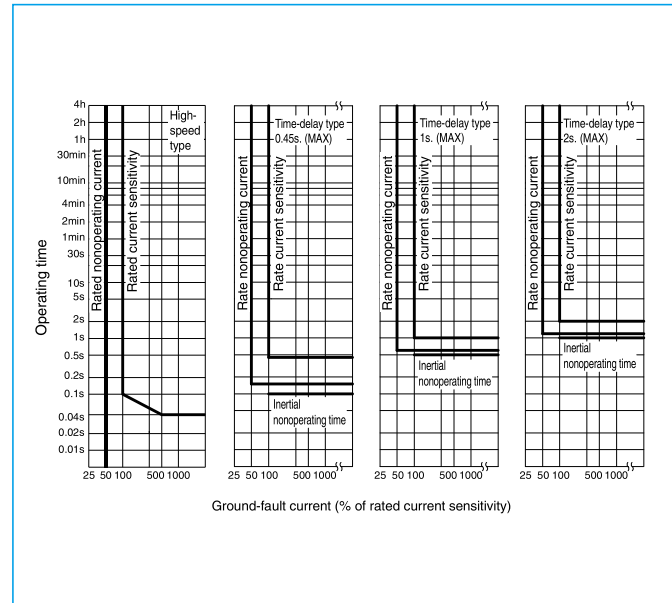
Model		NV400-SEW		NV400-HEW	
Rated current In (A)		Adjustable			
Reference ambient temperature 40 °C		200 225 250 300 350 400			
Number of poles		3	4	3	4
Phase line		3P : 3φ3W, 1φ3W, 1φ2W 4P : 3φ4W			
Rated operational voltage Ue (V) (*1)		AC		100-440	
High-speed type	Rated current sensitivity (mA)		(30) 100 · 200 · 500 Selectable		
	Max operating time (s)	at IΔn	0.1		
		at 5IΔn	0.04		
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	85/85	100/100	
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)			

Note *1 Rated operational voltage of time-delay type is for 200-440V.

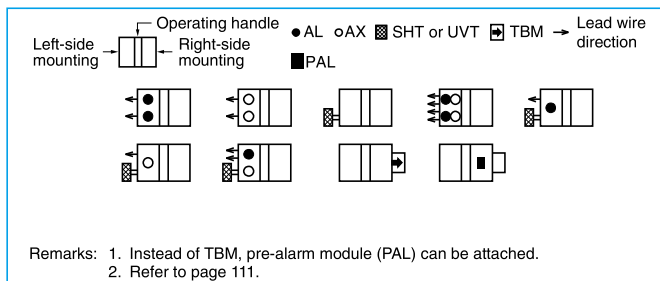
Operating Characteristics



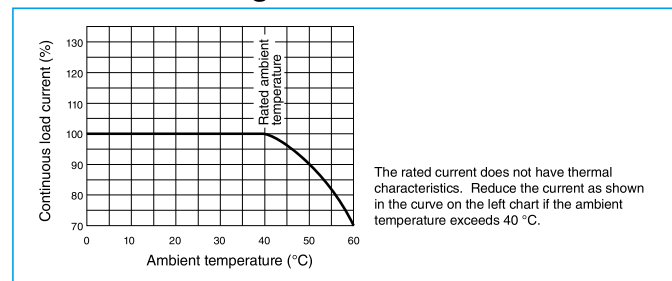
Earth Leakage Tripping Characteristics



Internal Accessories



Current Reducing Curve

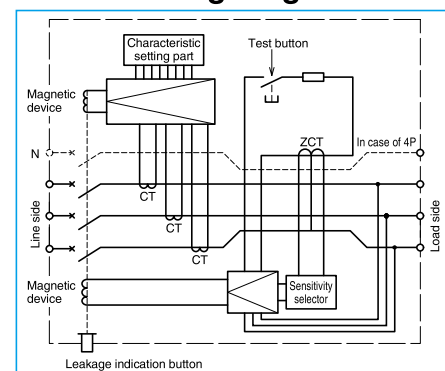


External Accessories

Accessories			Type name	Reference page	Accessories			Type name	Reference page			
Operating handle	F		F-4S	123	Terminal cover	Large	HT	HT-4SW	135			
	V		V-4S	125			3P	TCL-4SW3 (*1)				
Mechanical interlock	MI	3P	MI-4SW3	136		Skeleton	4P	TCL-4SW4 (*1)	128			
		4P	MI-4SW4				3P	TTC-4SW3				
Notes	*1 This is for NV400-SEW. *2 This is for NV400-SEW. For rear terminal cover of NV400-HEW, use PTC-4SW3. *3 Specify the operation method and voltage. Order in combination with the breaker unit.						Rear	4P		TTC-4SW4		
								BTC		3P	BTC-4SW3 (*2)	
				Handle lock device			4P			BTC-4SW4	HL	HL-4SW
							Electrical operation device	NVM		HL-S		HLS-4SW
				3P					(*3)	140		
				4P								

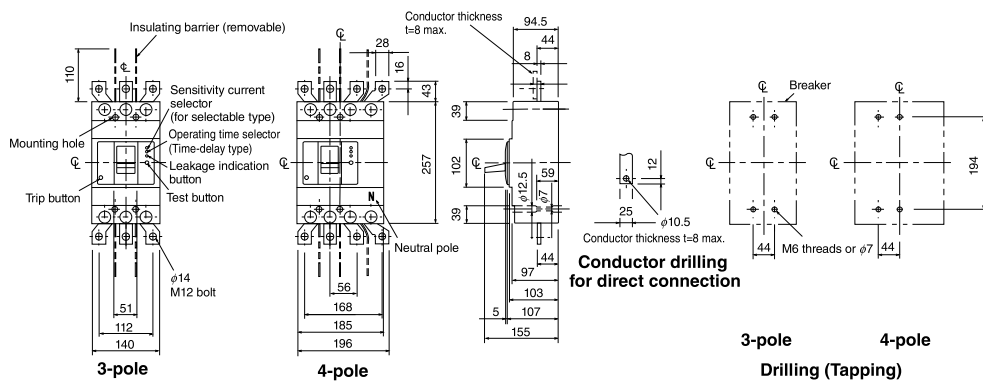
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Internal Wiring Diagram

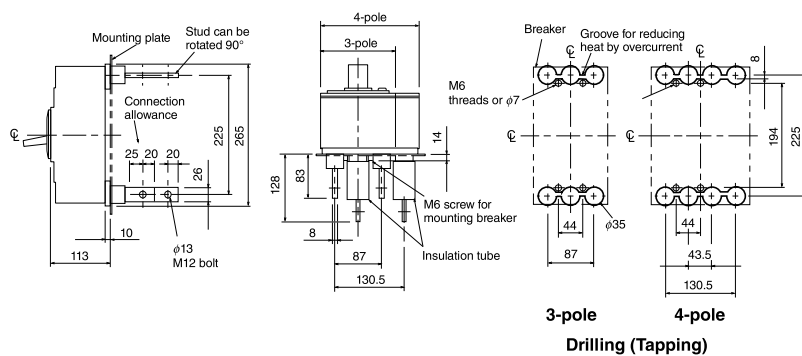


Outline Drawing

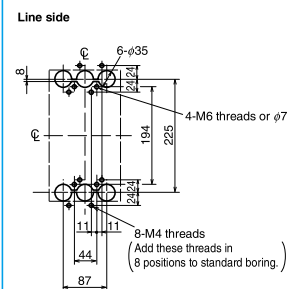
Front connection



Rear connection



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



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

Plug-in

