

Earth Leakage Circuit Breakers

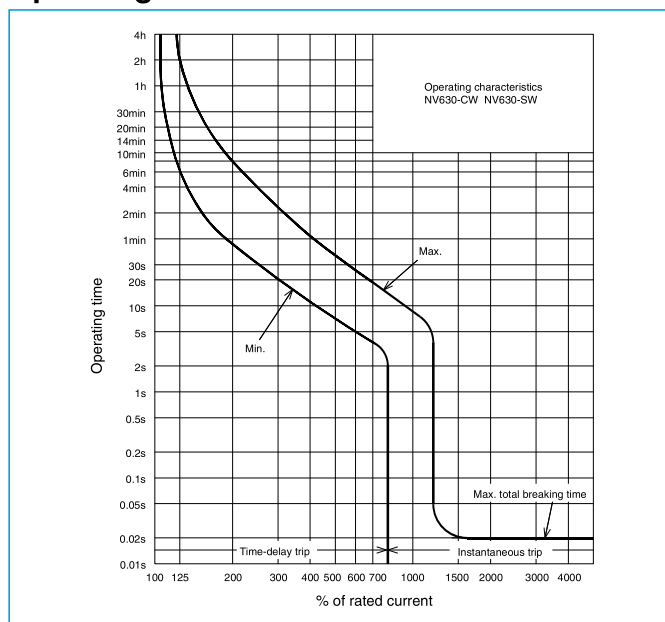
NV630-CW NV630-SW



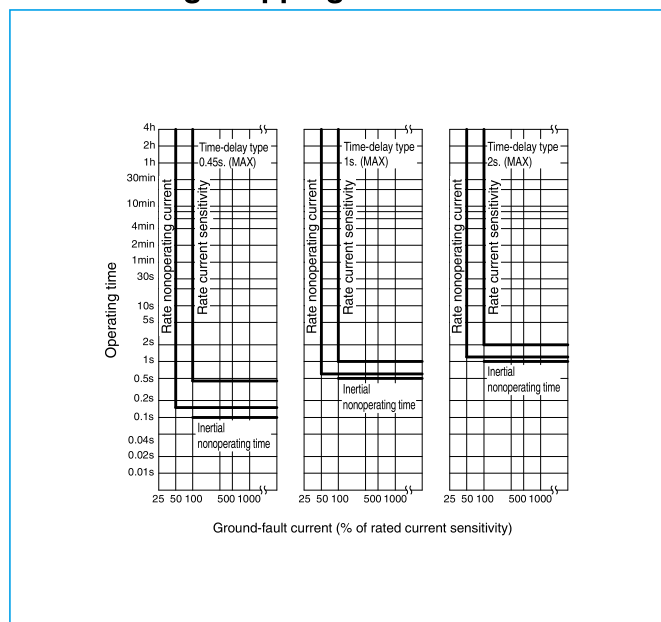
NV630-SW

Model			NV630-CW	NV630-SW
Rated current In (A)			500 600 (630)	
Reference ambient temperature 40°C				
Number of poles			3	
Phase line			3φ3W, 1φ3W, 1φ2W	
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	36/18	42/42
		415V	36/18	50/50
		400V	36/18	50/50
		230V	50/25	85/85
		200V	50/25	85/85
		100V	—	—
Standard attached parts (Front connection)			Terminal screw: M12 bolt×35 (3-pole: 6pcs) Mounting screw: M6×72 (4pcs) Insulation barrier: (4pcs)	

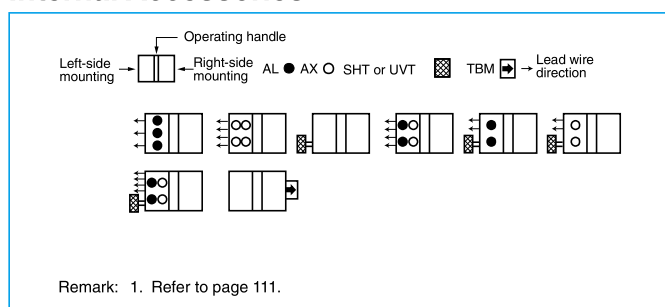
Operating Characteristics



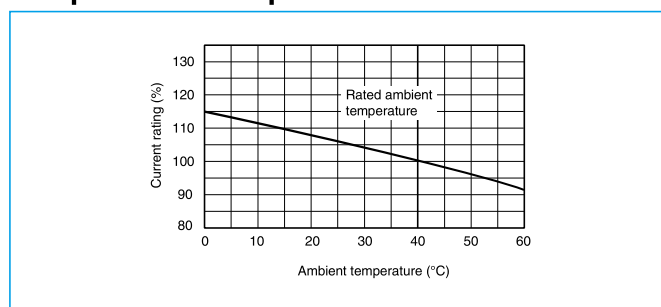
Earth Leakage Tripping Characteristics



Internal Accessories



Temperature Compensation Curve

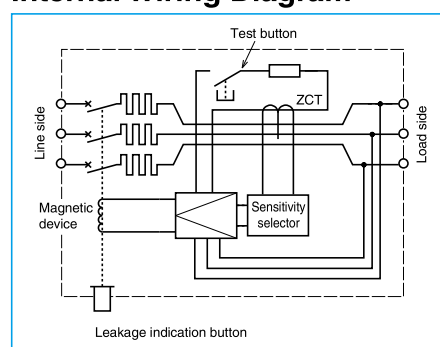


External Accessories

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

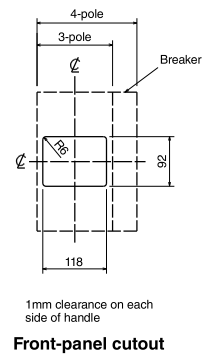
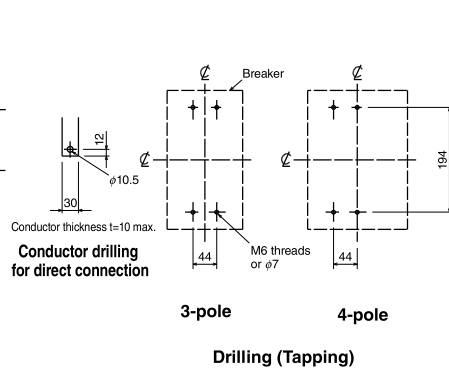
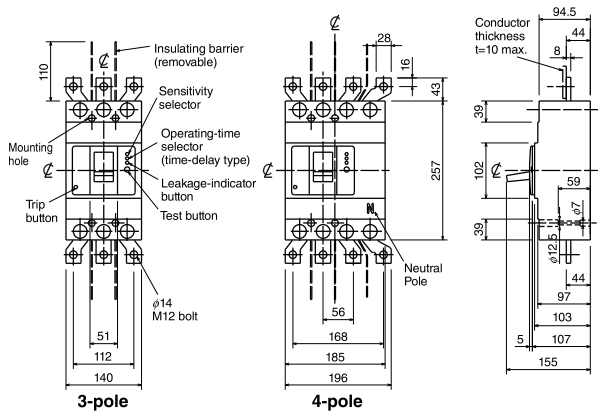
Note *1 Specify the operation method and voltage. Order in combination with the breaker unit.

Internal Wiring Diagram

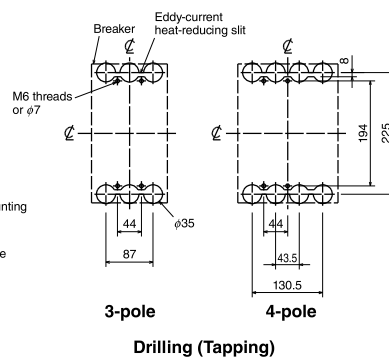
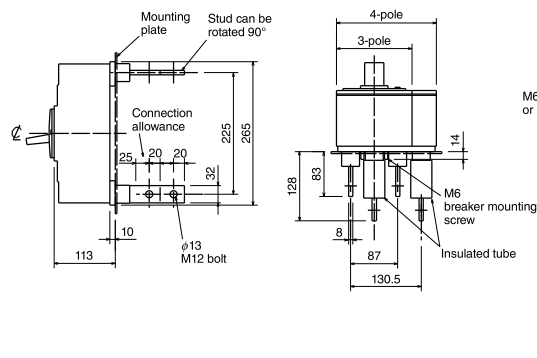


Outline Drawing

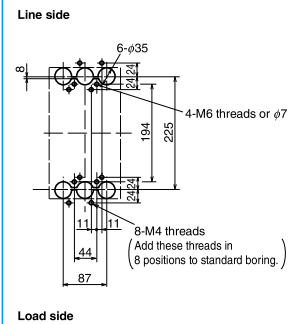
Front connection



Rear connection

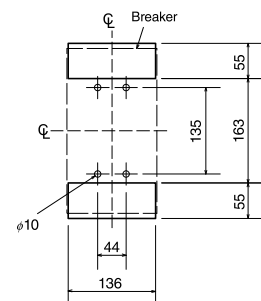
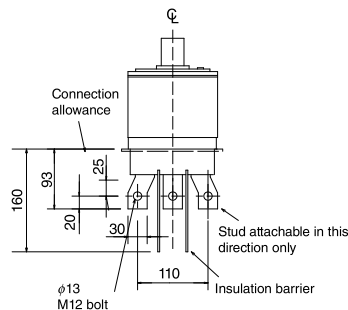
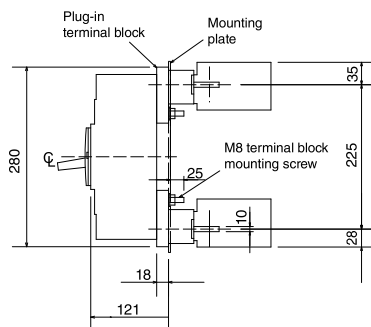


Boring dimensions for rear connection type barriers (3-pole)



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

Plug-in



Drilling (Tapping)