

Earth Leakage Circuit Breakers

NV125-SEV NV125-HEV NV250-SEV NV250-HEV

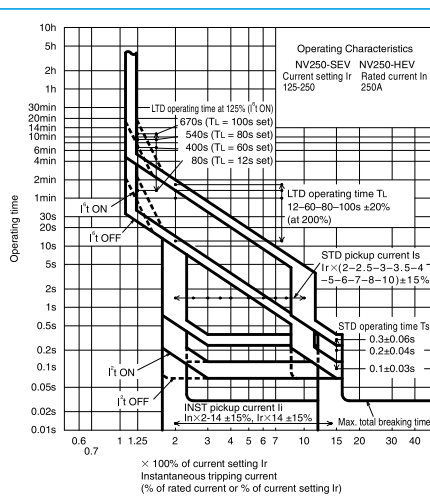
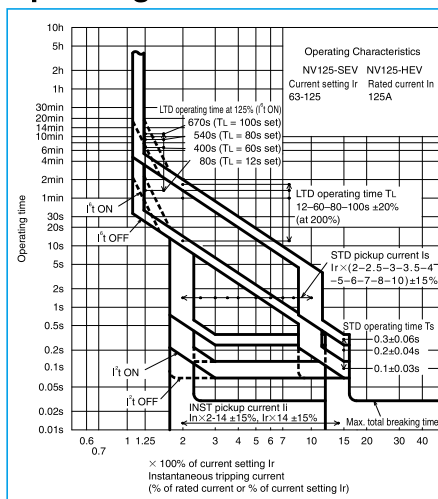


NV250-SEV

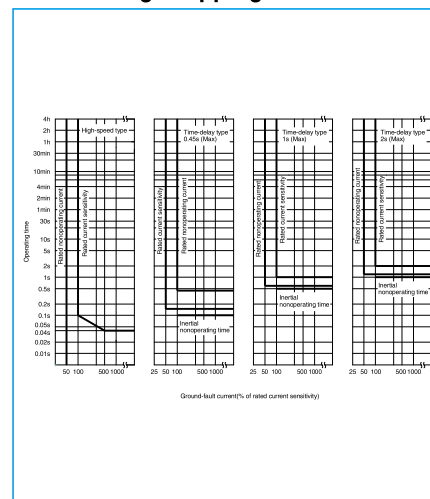
Model			NV125-SEV		NV125-HEV		NV250-SEV		NV250-HEV		
Rated current In (A) Reference ambient temperature 40°C			125		125		250		250		
Current setting Ir (A)			Adjustable 63-125 (6.25A step)		Adjustable 63-125 (6.25A step)		Adjustable 125-250 (12.5A step)		Adjustable 125-250 (12.5A step)		
Number of poles			3	4	3	4	3		3		
Phase line			3φ3W, 1φ3W, 1φ2W	3φ4W	3φ3W, 1φ3W, 1φ2W	3φ4W	3φ3W, 1φ3W, 1φ2W		3φ3W, 1φ3W, 1φ2W		
Rated operational voltage Ue (V) (*1)			AC		100-440		100-440		100-440		
High-speed type	Rated current sensitivity (mA)		(30) 100/200/500 selectable		(30) 100/200/500 selectable		(30) 100/200/500 selectable		(30) 100/200/500 selectable		
	Max operating time (s)	at IΔn	0.1		0.1		0.1		0.1		
		at 5IΔn	0.04		0.04		0.04		0.04		
Time-delay type	Rated current sensitivity (mA)		(100/200/500 selectable)		(100/200/500 selectable)		(100/200/500 selectable)		(100/200/500 selectable)		
	Max operating time (s)		(0.45/1.0/2.0 selectable)		(0.45/1.0/2.0 selectable)		(0.45/1.0/2.0 selectable)		(0.45/1.0/2.0 selectable)		
	Inertial operating time (s) (or more)		(0.1/0.5/1.0)		(0.1/0.5/1.0)		(0.1/0.5/1.0)		(0.1/0.5/1.0)		
Earth-leakage indication system			Mechanical type (button)		Mechanical type (button)		Mechanical type (button)		Mechanical type (button)		
Rated short-circuit breaking capacity (kA)	IEC 60947-2 EN 60947-2 (Icu/Ics)	AC	440V	36/36	65/65		36/36		65/65		
			415V	36/36	70/70		36/36		70/70		
			400V	36/36	75/75		36/36		75/75		
			230V	85/85	100/100		85/85		100/100		
			200V	85/85	100/100		85/85		100/100		
			100V	85/85	100/100		85/85		100/100		
Standard attached parts (Front connection)			Terminal screw: M8 (Bolt(Hex-socket))×16 (3P: 6pcs, 4P: 8pcs) Mounting screw: M4×0.7×55 (3P: 2pcs, 4P: 4pcs) Insulation barrier: (3P: 4pcs, 4P: 6pcs)								

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

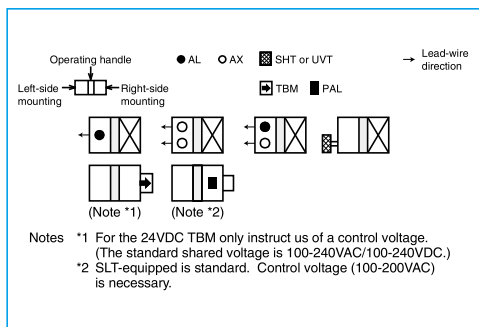
Operating Characteristics



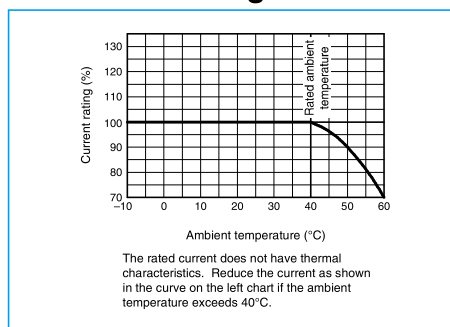
Earth leakage Tripping Characteristics



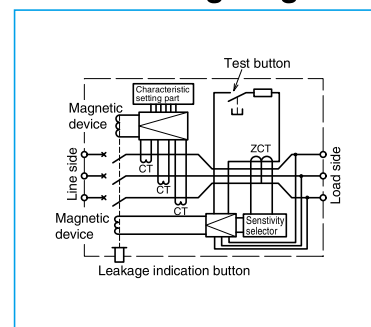
Internal Accessories



Current Reducing Curve



Internal Wiring Diagram



External Accessories

Accessories	Type name	Reference page	Accessories	Type name	Reference page
Operating handle	F-2SV	123	Mechanical interlock	MI	3P MI-05SV3
	V-2SV	125			4P MI-2SV4
Lock cover	LC				3P TCS-2SV3
	LC-05SV				4P TCS-2SV4
Handle lock device	HL (*1)	134			3P TCL-2SV3
	HLN-05SV				4P TCL-2SV3L
	HL-S				4P TCL-2SV4
	HLS-2SV				3P TTC-2SV3
					4P TTC-2SV4
					3P BTC-2SV3
					4P BTC-2SV4
					3P PTC-2SV3
					4P PTC-2SV4
					(*2)
					140

Notes *1 HLF types are used for OFF lock and HLN types for ON lock.

*2 Specify the working voltage. Refer to the reference page for type name.

*3 For NV125-HEV and NV250-HEV with PAL, specify the model name with MP at the end.

