

Earth Leakage Circuit Breakers

NV32-SV
NV63-CV
NV63-SV
NV63-HV

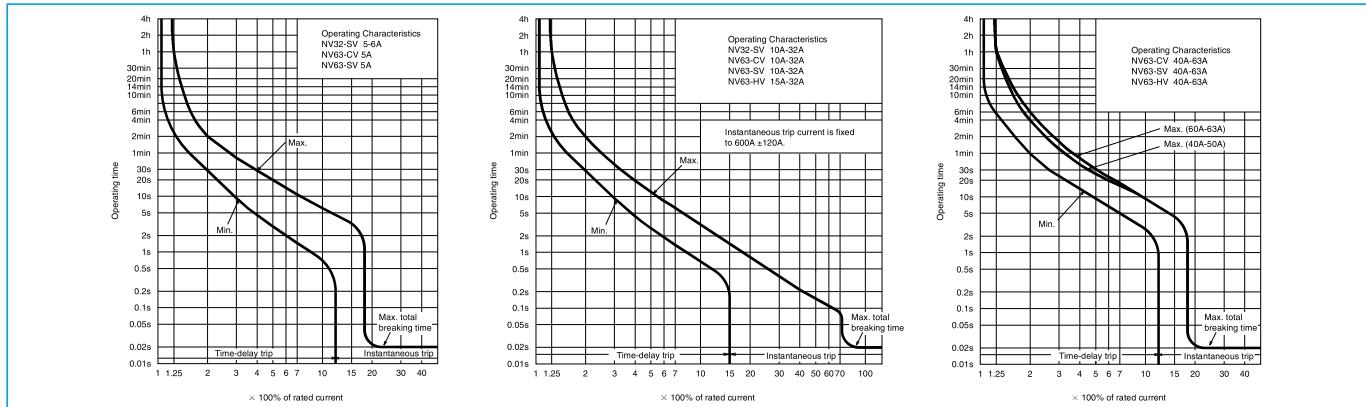


NV63-SV

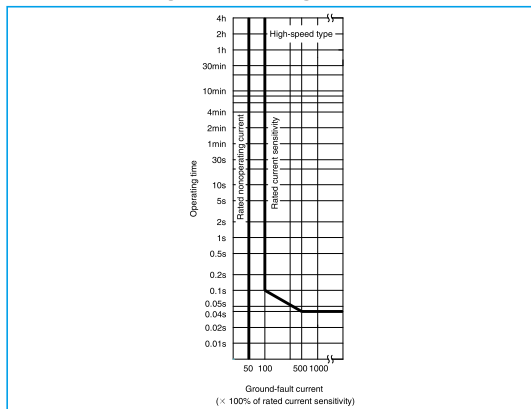
Model				NV32-SV		NV63-CV		NV63-SV		NV63-HV	
Rated current In (A)				(5) 6 10 (15) 16 20 25 (30) (32)		(5) (10) (15) 16 20 25 (30) 32 40 50 (60) 63		(5) (10) (15) 16 20 25 (30) 32 40 50 (60) 63		(15) 16 20 25 (30) 32 40 50 (60) 63	
Reference ambient temperature 40°C											
Number of poles				3		2 3		3		3	
Phase line				3φ3W, 1φ3W, 1φ2W		1φ2W 3φ3W, 1φ3W, 1φ2W		3φ3W, 1φ3W, 1φ2W		3φ3W, 1φ3W, 1φ2W	
Rated operational voltage Ue (V)			AC	100-440		100-240	100-440	100-440	100-440	100-440	
High-speed type	Rated current sensitivity (mA)			30 100/200/500 selectable	30	30 100/200/500 selectable	30 100/200/500 selectable	30 100/200/500 selectable	30 100/200/500 selectable		
		at IΔn	0.1	0.1	0.1	0.1					
	Max operating time (s)	at 5IΔn	0.04	0.04	0.04	0.04					
Time-delay type	Rated current sensitivity (mA)		—	—	—	—					
	Max operating time (s)		—	—	—	—					
	Inertial operating time (s) (or more)		—	—	—	—					
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	5/5	—	2.5/2.5	7.5/7.5	10/8			
			415V	5/5	—	2.5/2.5	7.5/7.5	10/8			
			400V	5/5	—	5/5	7.5/7.5	10/8			
			230V	10/10	7.5/7.5		15/15	25/19			
			200V	10/10	7.5/7.5		15/15	25/19			
			100V	10/10	7.5/7.5		15/15	25/19			
Standard attached parts (Front connection)				Terminal screw: 50A or less M5×14 (2P: 4pcs, 3P: 6pcs) 60A or more M8×14 (2P: 4pcs, 3P: 6pcs) Mounting screw: M4×0.7×55 (2pcs) (*1) Insulation barrier: (2P: 1pc, 3P: 2pcs)							

Note *1 Attached to NV63-SV and NV63-HV.

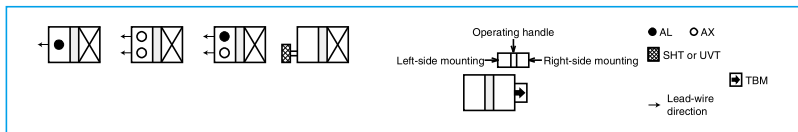
Operating Characteristics



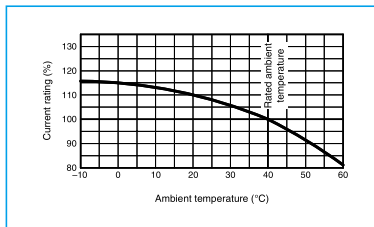
Earth leakage Tripping Characteristics



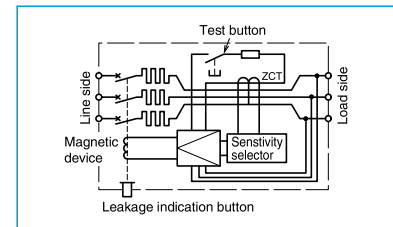
Internal Accessories



Temperature Compensation Curve



Internal Wiring Diagram



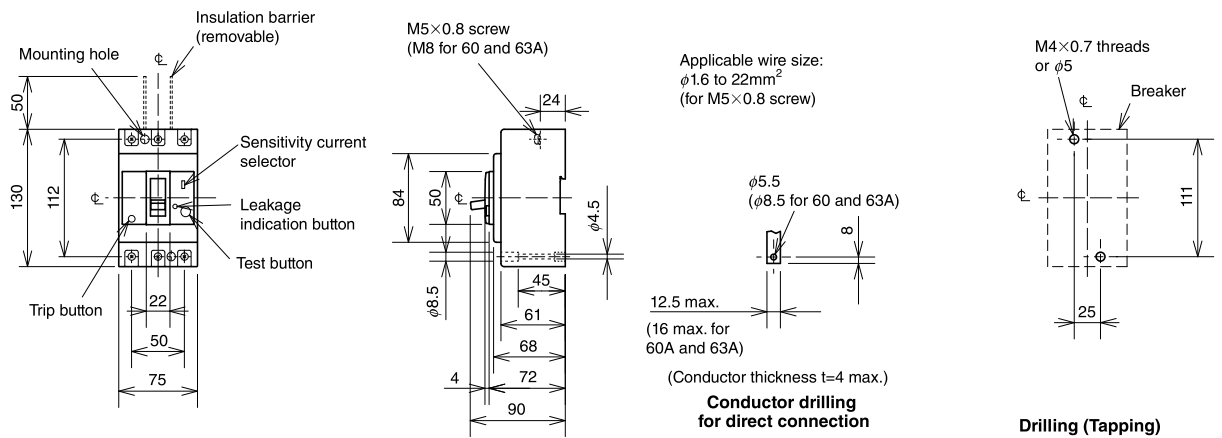
External Accessories

Accessories		Type name	Reference page	Accessories		Type name	Reference page	
Operating handle	F	F-05SV	123	Mechanical interlock		MI	MI-05SV3	136
	V	V-05SV	125	Terminal cover	Small	TC-S	TCS-05SV3	128
Lock cover	LC	LC-05SV	134		Large	TC-L	TCL-05SV3	
Handle lock device	HL (*1)	HLF-05SV					TCL-05SV3L	
		HLN-05SV			TTC-05SV3			
	HL-S	HLS-05SV			BTC	BTC-05SV3		
Note *1 HLF types are used for OFF lock and HLN types for ON lock.					Plug-in	PTC	PTC-05SV3	
				IEC 35mm rail mounting adapters		DIN-05SV	143	

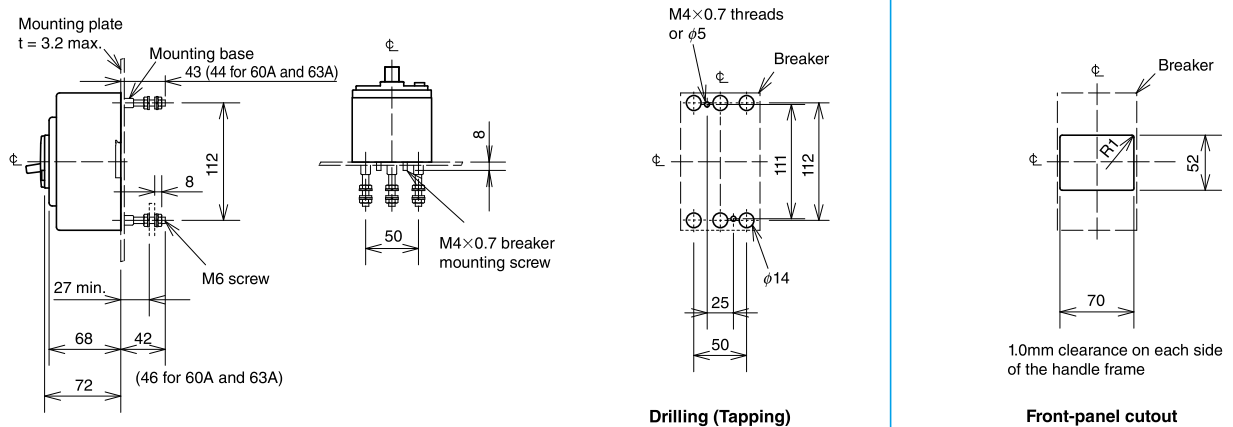
Note *1 HLF types are used for OFF lock and HLN types for ON lock.

Outline Drawing

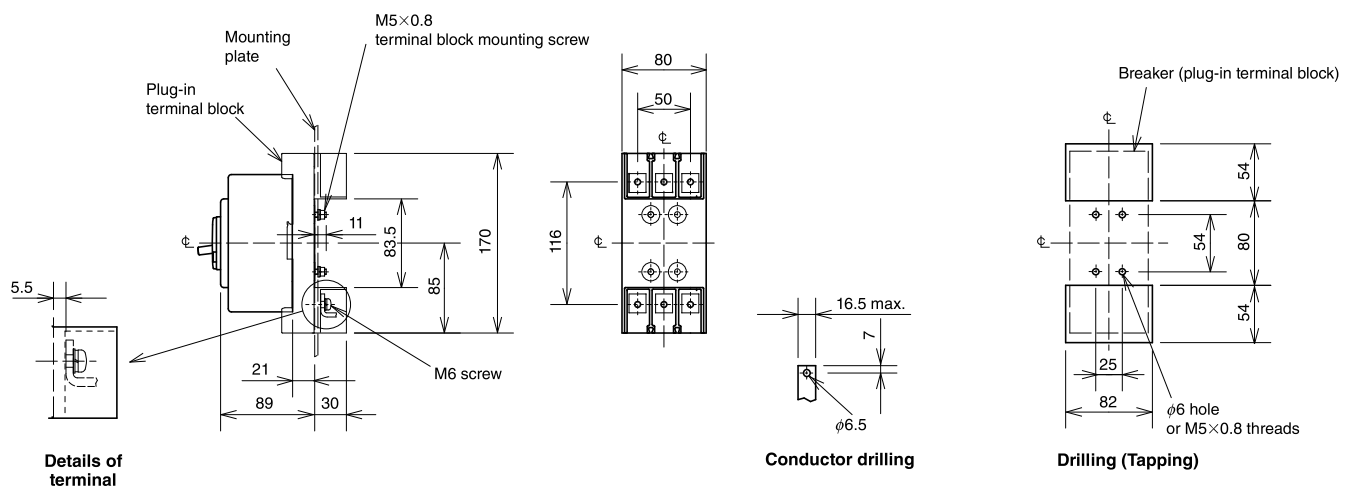
Front connection



Rear connection



Plug-in



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