

Molded Case Circuit Breakers

NF125-CV NF125-SV NF125-HV

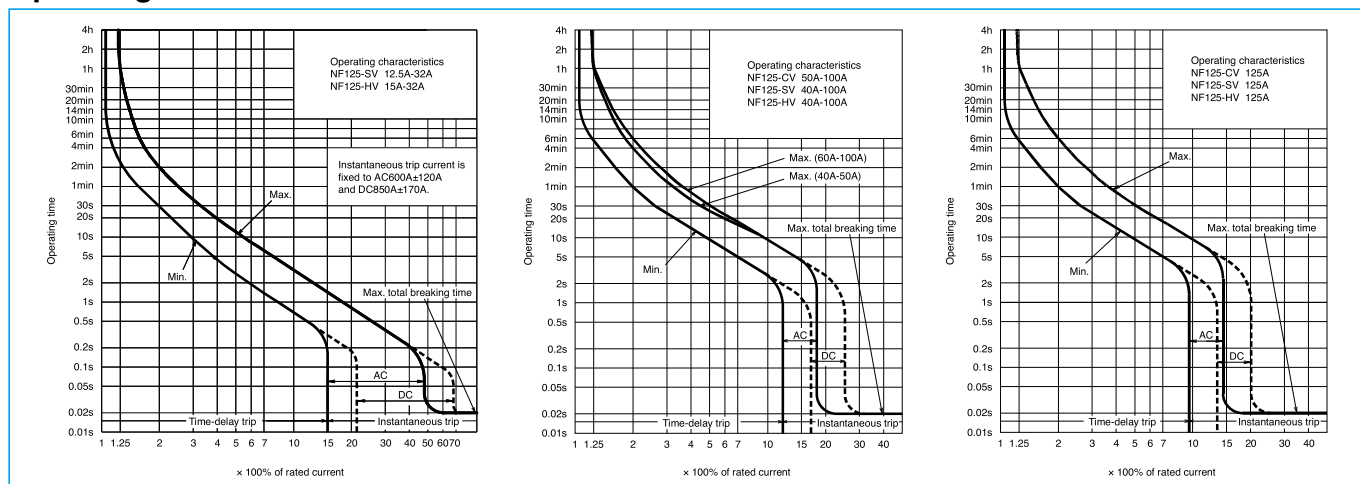


NF125-SV

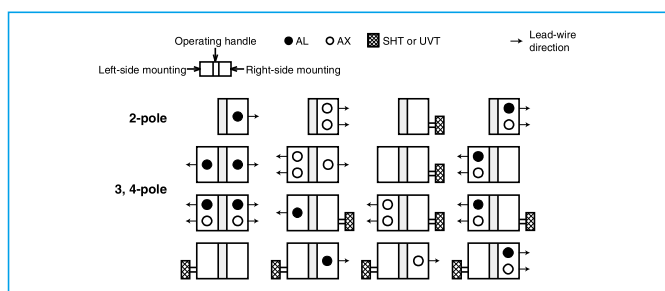
Model				NF125-CV				NF125-SV				NF125-HV				NF125-SV[MB]					
Rated current In (A)				50 (60) 63 (75) 80				(15) 16 20 (30) 32				(15) 16 20 (30) 32				(12.5) (16) (25)					
Reference ambient temperature 40°C				100 125				40 50 (60) 63 (75)				40 50 (60) 63 (75)				32 (40) 45 63					
								80 100 125				80 100 125				71 90 100					
Number of poles				2		3		2		3		4		2		3		4		3	
Rated insulation voltage Ui (V)				600				690				690				500					
Rated short-circuit breaking capacity (kA)	IEC 60947-2 EN 60947-2 (Icu/Ics)	AC	690V	—		8/8		10/8		—		—		—		—		—		—	
			500V	7.5/4		18/18		30/23		—		—		—		—		—			
			440V	10/5		25/25		50/38		25/25		25/25		25/25		25/25		25/25			
			415V	10/5		30/30		50/38		30/30		30/30		30/30		30/30		30/30			
			400V	10/5		30/30		50/38		30/30		30/30		30/30		30/30		30/30			
			380V	10/5		30/30		50/38		30/30		30/30		30/30		30/30		30/30			
			230V	30/15		50/50		100/75		50/50		50/50		50/50		50/50		50/50			
			200V	30/15		50/50		100/75		—		—		—		—		—			
	DC	250V (*1)	7.5/4		40/40		—		—		—		—		—		—				
Standard attached parts (front connection)				Terminal screw: M8×14 (2P: 4pcs, 3P: 6pcs, 4P: 8pcs) Mounting screw: M4×0.7×55 (2 and 3P: 2pcs, 4P: 4pcs) (*2) Insulation barrier: (2P: 1pc, 3P: 2pcs, 4P: 3pcs)																	

Notes *1 Use two poles for 3- and 4-pole products.
If wired as shown at the bottom on page 18, 3- and 4-poles can be used for up to 400 and 500VDC, respectively.
*2 Supplied with NF125-SV and NF125-HV.

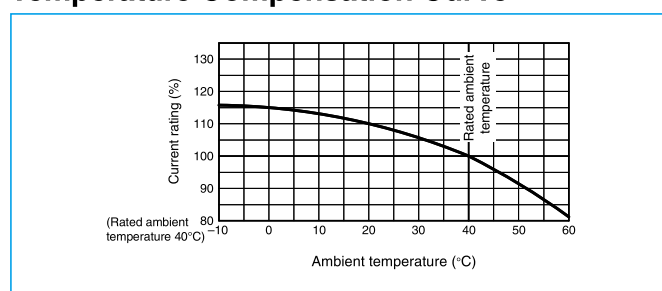
Operating Characteristics



Internal Accessories



Temperature Compensation Curve

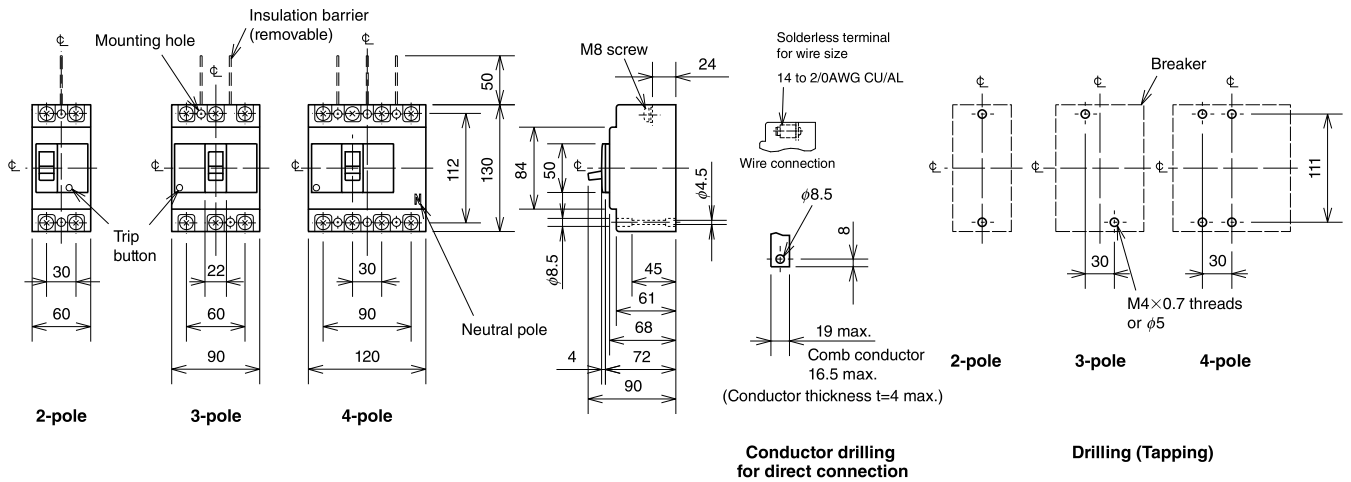


External Accessories

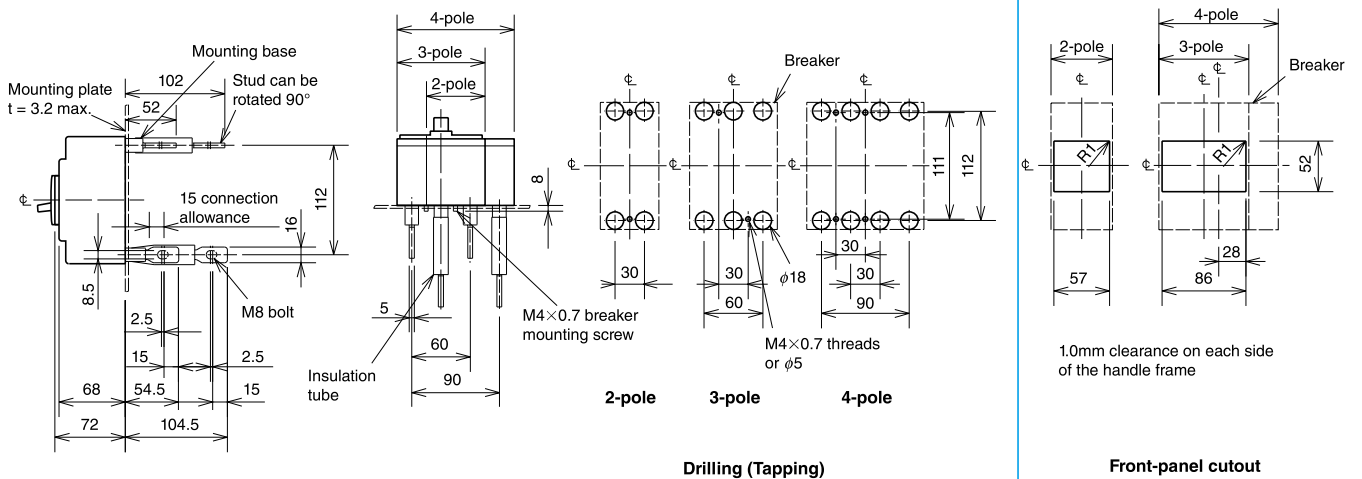
Accessories			Type name	Reference page	Accessories			Type name	Reference page			
Operating handle	F	2P	F-1SV2	123	Mechanical interlock	MI	2, 3P	MI-05SV3	136			
		3, 4P	F-1SV				4P	MI-05SV4				
	V	2P	V-1SV2	125	Terminal cover	Small	TC-S	2P	TCS-1SV2	128		
3, 4P	V-1SV	3P	TCS-1SV3									
Lock cover	LC	LC-05SV		4P				TCS-1SV4				
		Handle lock device	HL(*1)	HLF-05SV				2P	TCL-1SV2			
HLN-05SV				3P		TCL-1SV3						
HLS-05SV				4P		TCL-1SV4						
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.							Large	TC-L		2P	TTC-1SV2
											3P	TTC-1SV3
											4P	TTC-1SV4
											2P	BTC-1SV2
								Rear	BTC		3P	BTC-1SV3
											4P	BTC-1SV4
											2P	PTC-1SV2
											3P	PTC-1SV3
					Plug-in			PTC	4P	PTC-1SV4		
									Electrical operation device			(*2)

Outline Drawing

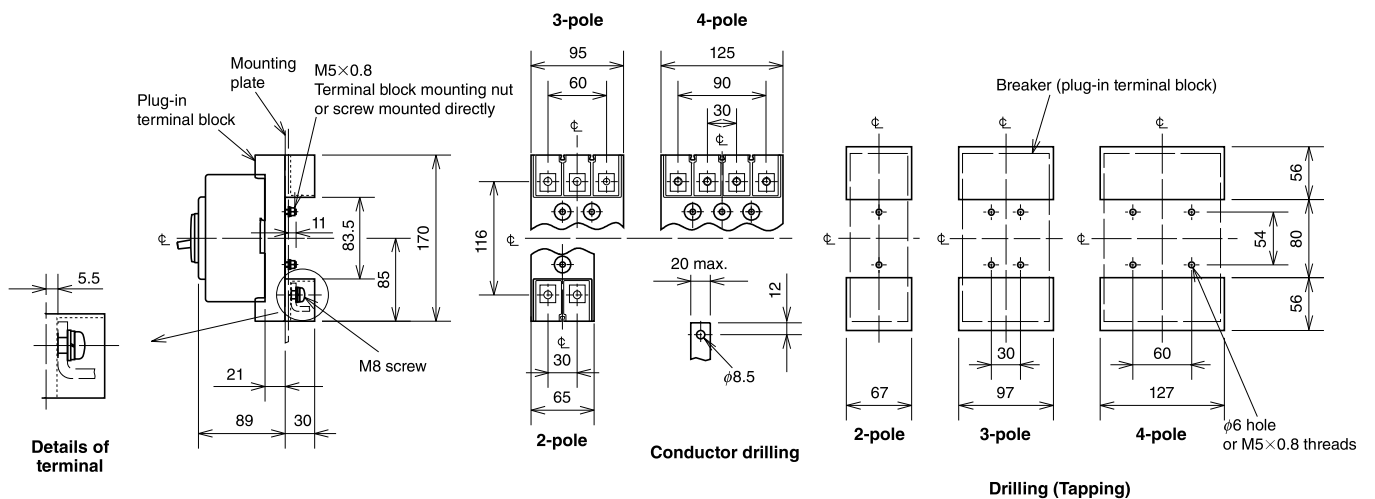
Front connection



Rear connection



Plug-in



- Remarks:
1. The 2-pole models of NF125-HV are 3-pole models with the central pole removed.
 2. Only 2-and 3-pole models are available for NF125-CV.
 3. We only have motor breakers for 3-pole models.