NF125-SGV NF160-SGV NF250-SGV NF125-LGV NF160-LGV NF250-LGV NF125-HGV NF160-HGV NF250-HGV NF125-RGV NF250-RGV

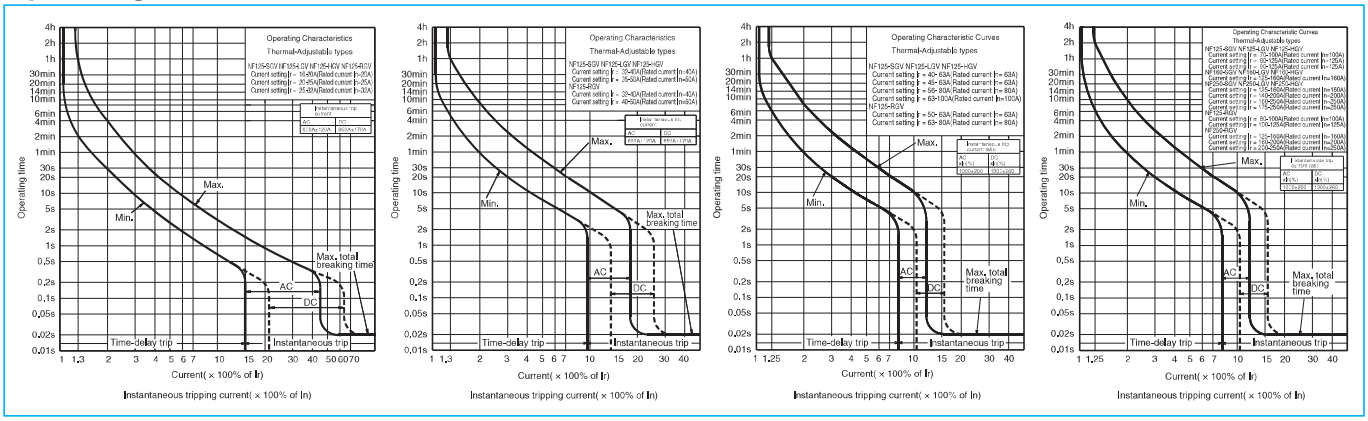
NF250-SGV

Model				NF125-SGV	NF160-SGV	NF250-SGV	NF125-LGV	NF160-LGV	NF250-LGV
Rated current In (A)				16-20, 20-25, 25-32 32-40, 35-50, 45-63 56-80, 70-100, 90-125	125-160	125-160 140-200 175-250	16-20, 20-25, 25-32 32-40, 35-50, 45-63 56-80, 70-100, 90-125	125-160	125-160 140-200 175-250
Number of poles				2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4
Rated insulation voltage Ui (V)				690	690	690	690	690	690
Rated short-circuit breaking capacity (kA)	IEC 60947-2 (Icu/Ics)	AC	690V	8/8	8/8	8/8	8/8	8/8	8/8
			500V	30/30	30/30	30/30	36/36	36/36	36/36
			440V	36/36	36/36	36/36	50/50	50/50	50/50
			415V	36/36	36/36	36/36	50/50	50/50	50/50
			400V	36/36	36/36	36/36	50/50	50/50	50/50
			380V	36/36	36/36	36/36	50/50	50/50	50/50
			230V	85/85	85/85	85/85	90/90	90/90	90/90
			200V	85/85	85/85	85/85	90/90	90/90	90/90
		DC (*1)	300V	20/20	20/20	20/20	20/20	20/20	20/20
Standard attached parts (front connection)				Mounting screw: M4×0.7×55 (2 and 3P: 2pcs, 4P: 4pcs) Insulation barrier: (2P: 2pcs, 3P: 4pcs, 4P: 6pcs)					

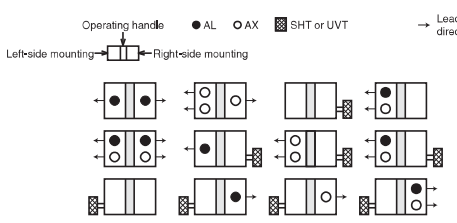
Model				NF125-HGV	NF160-HGV	NF250-HGV	NF125-RGV	NF250-RGV
Rated current In (A)				16-20, 20-25, 25-32 32-40, 35-50, 45-63 56-80, 70-100, 90-125	125-160	125-160 140-200 175-250	16-20, 20-25, 25-32 32-40, 40-50, 50-63 63-80, 80-100, 100-125	125-160 160-200 200-250
Number of poles				2 3 4	2 3 4	2 3 4	2 3	2 3
Rated insulation voltage Ui (V)				690	690	690	690	690
Rated short-circuit breaking capacity (kA)	IEC 60947-2 (Icu/Ics)	AC	690V	10/8	10/8	10/8	–	–
			500V	50/38	50/38	50/38	–	–
			440V	65/65	65/65	65/65	125/125	125/125
			415V	70/70	70/70	70/70	150/150	150/150
			400V	75/75	75/75	75/75	150/150	150/150
			380V	75/75	75/75	75/75	150/150	150/150
			230V	100/100	100/100	100/100	150/150	150/150
			200V	100/100	100/100	100/100	150/150	150/150
		DC (*1)	300V	40/40	40/40	40/40	–	–
Standard attached parts (front connection)				Mounting screw: M4×0.7×55 (2 and 3P: 2pcs, 4P: 4pcs) Insulation barrier: (2P: 2pcs, 3P: 4pcs, 4P: 6pcs)				

Note *1 When wired as shown at the bottom of page 14, three-pole models can be used for up to 500VDC, and four-pole models for up to 600VDC.

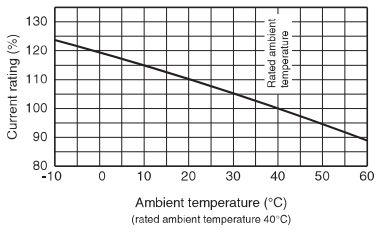
Operating Characteristics



Internal Accessories



Temperature Compensation Curve



External Accessories

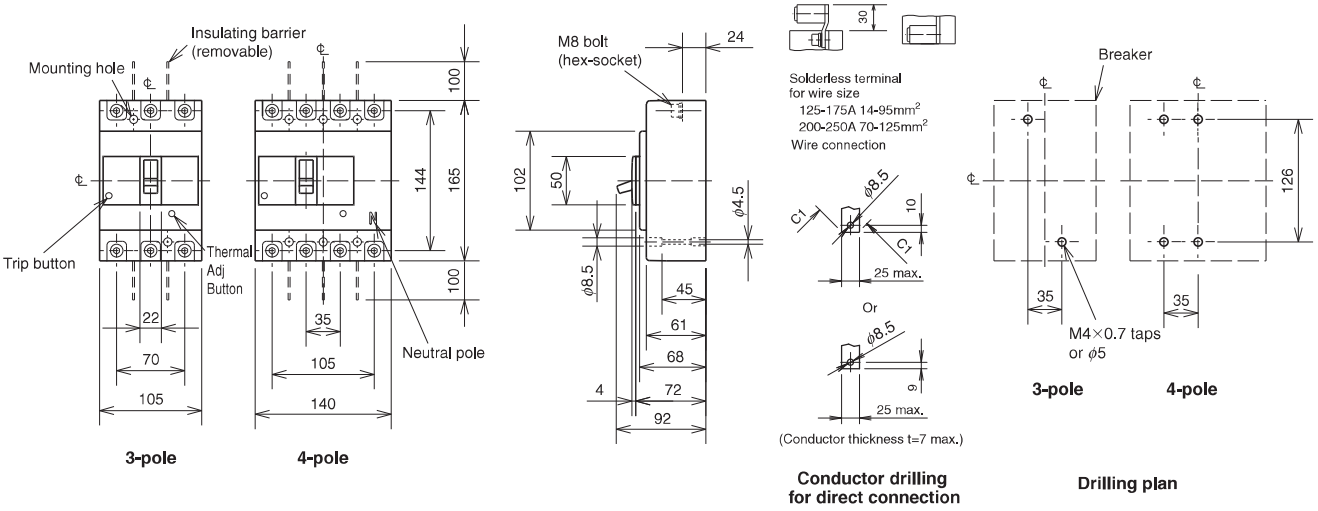
Accessories		Type name	Reference page
Operating handle	F	F-2SV	119
	V	V-2SV	121
Handle lock device	LC	LC-05SV	129
	HL(*1)	HLF-05SV	
		HLN-05SV	
	HL-S	HLS-2SV	

Accessories				Type name	Reference page
Mechanical interlock		MI	2, 3P	MI-05SV3	131
			4P	MI-2SV4	
Terminal cover	Small	TC-S	2, 3P	TCS-2SV3	123
	Large	TC-L	2, 3P	TCL-2SV3	
				TCL-2SV3L	
			4P	TCL-2SV4	
	Skeleton	TTC	2, 3P	TTC-2SV3	
	Rear	BTC	2, 3P	BTC-2SV3	
	Plug-in	PTC	2, 3P	PTC-2SV3	
Electrical operation device				(*2)	135

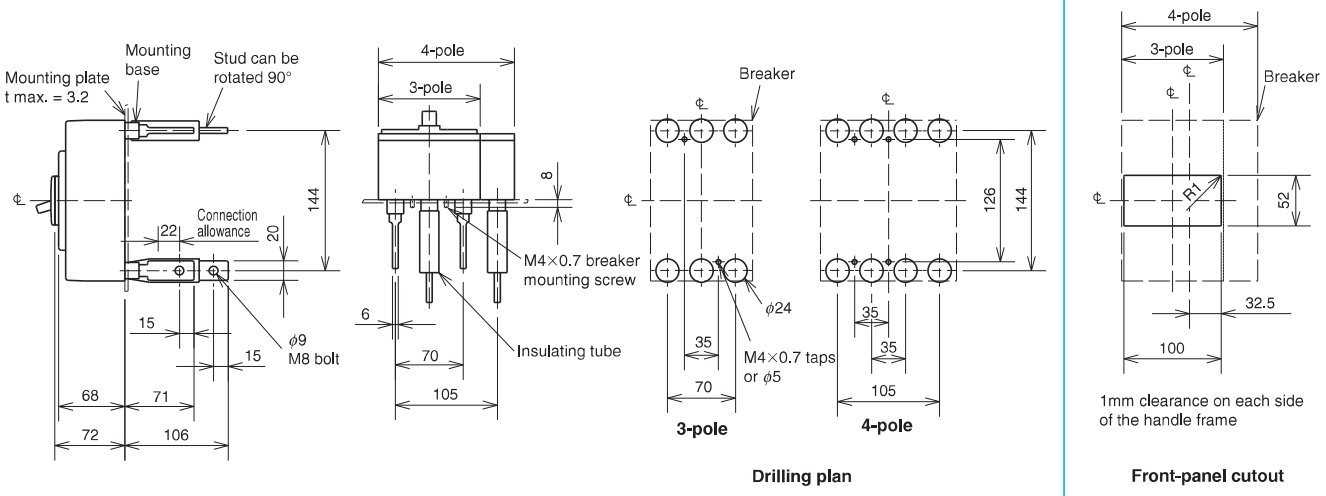
Notes *1 HLF types are used for OFF lock and HLN types for ON lock.
*2 Specify the working voltage. Refer to the reference page for type name.

Outline Drawing

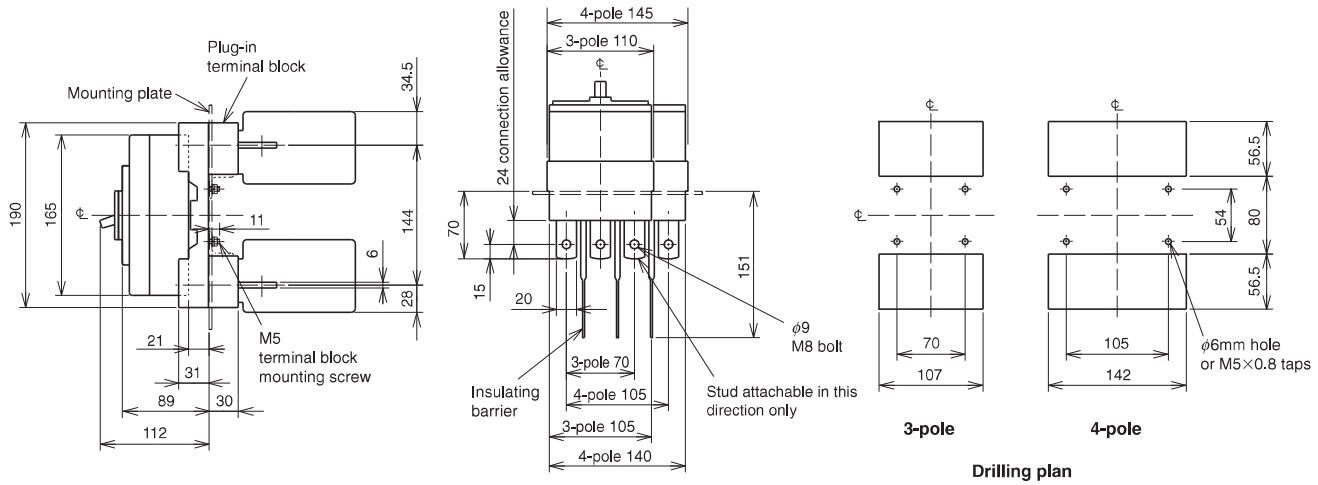
Front connection



Rear connection



Plug-in



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