





4. Connection Method

1. Connection Types

Table 4-1: Connection Types

The front connection model will be delivered unless otherwise specified. You can convert the front connection model to other types (excluding the plug-in) by using an appropriate connection component, which is separately available.

Connection Method (Abbreviation)	Front connection (F)	Solderless terminal	Rear connection (B)	Plug-in (PM)
Appearance				

2. Connection Accessories

Table 4-2: List of Connection Accessories

Type name		Solderless terminal (SL)	Rear studs (B-ST)	Plug-in (PM) (*1)
NF32-SW, NF63-CW/SW/HW	2P	–	ST-05SW2	PM-05SW2
NF32-SW, MB30-SW, MB50-CW/SW, NF63-CW/SW/HW, NV32-SW, NV63-CW/SW/HW	3P		ST-05SW3	PM-05SW3
NF63-SW/HW	4P		ST-05SW4	PM-05SW4
NF125-CW/SW	2P	SL-1SW4L (*3) SL-1SW4G (*4)	ST-1SW2	PM-1SW2
NF125-HW	2P		ST-1HW2	PM-1HW2
NF125-CW/SW/HW, MB100-SW, NV125-CW/SW/HW	3P	SL-1SW3L (*3) SL-1SW3G (*4)	ST-1SW3	PM-1SW3
NV125-RW	3P			PM-1UW3
NF125-SW/HW, NV125-SW/HW	4P	SL-1SW4L (*3) SL-1SW4G (*4)	ST-1SW4	PM-1SW4
NF250-CW/SW/HW, NF160-SW/HW	2P	SL-2SW4L (*5) SL-2SW4G (*6)	ST-2SW2	PM-2SW2
NF250-CW/SW/HW, MB225-SW, NF160-SW/HW, NV250-CW/SW/HW/RW/SEW/HEW	3P	SL-2SW3L (*5) SL-2SW3G (*6)	ST-2SW3	PM-2SW3
NV250-RW		SL-2UW3L (*5) SL-2UW3G (*6)	ST-2UW3	
NF250-SW/HW, NF160-SW/HW, NV250-SW/HW/SEW/HEW	4P	SL-2SW4L (*5) SL-2SW4G (*6)	ST-2SW4	PM-2SW4
NF250-SGW/HGW, NF160-SGW/HGW, NF125-SGW/HGW	2P	SL-2GSW4	ST-2GSW2	PM-2GSWIP2 (*2)
NF250-RGW/UGW, NF125-RGW/UGW	2P			PM-2GUW2
NF250-SGW/HGW, NF160-SGW/HGW, NF125-SGW/HGW	3P	SL-2GSW3	ST-2GSW3	PM-2GSWIP3 (*2)
NF250-RGW/UGW, NF125-RGW/UGW				PM-2GUW3
NF250-SGW/HGW, NF160-SGW/HGW, NF125-SGW/HGW	4P	SL-2GSW4	ST-2GSW4	PM-2GSWIP4 (*2)
NF250-UGW, NF125-UGW				–
NF400-CW/SW	2P	–	ST-4SW2	PM-4SW2
NF400-CW/SW/SEW, NV400-CW/SW/SEW	3P	–	ST-4SW3	PM-4SW3
NF400-HEW/REW, NV400-HEW/REW	3P	–	ST-4SW4	PM-4SW4
NF400-SW/SEW, NV400-SEW	4P	–		
NF400-HEW, NV400-HEW	4P	–	ST-4SW4	PM-4SW4
NF630-CW/SW	2P	–	ST-6SW2	–
NF630-CW/SW/SEW, NV630-CW/SW/SEW	3P	–	ST-6SW3	–
NF630-HEW/REW, NV630-HEW	3P	–	ST-6SW4	–
NF630-SW/SEW, NV630-SEW	4P	–		
NF630-HEW	4P	–	ST-6SW4	–
NF800-SDW	2P	–	ST-8SW2	PM-8SW2
NF800-CEW/SEW, NV800-SEW	3P	–	ST-8SW3	PM-8SW3
NF800-HEW/REW, NV800-HEW	3P	–	ST-8SW4	PM-8SW4
NF800-SEW	4P	–		
NF800-HEW	4P	–	ST-8SW4	PM-8SW4

Note (*1) You can use the plug-in terminal unit (PM) when the wiring of terminal units is required in advance, and the delivery of both the main body and the components at the same time, which is normal, is not allowed. Furthermore specify the non-use of plug-in terminal (PM-N) for the connection of circuit breaker.

(*2) If safety device is necessary, please order.

(*3) Connected wire size: 2.5–25mm²

(*4) Connected wire size: 25–70mm²

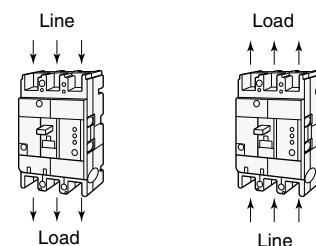
(*5) Connected wire size: 14–95mm²

(*6) Connected wire size: 70–125mm²

3. Connection of Line and Load

The standard wiring of line and load on the circuit breaker is (a) normal connection shown on the right. Avoid the wiring shown in (b) reverse connection, which may lead to the decrease in breaking performance. However, the reverse connection is allowed for the following models (except NF models with MDU).

NF-C series, NF-S series, NF-H series, NF-U series, MB series, C · S · H series of NV400–800A Frame	Reverse connection is allowed for the standard models.
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Normal connection (a) Reserve connection (b)

Normal and reverse connection methods