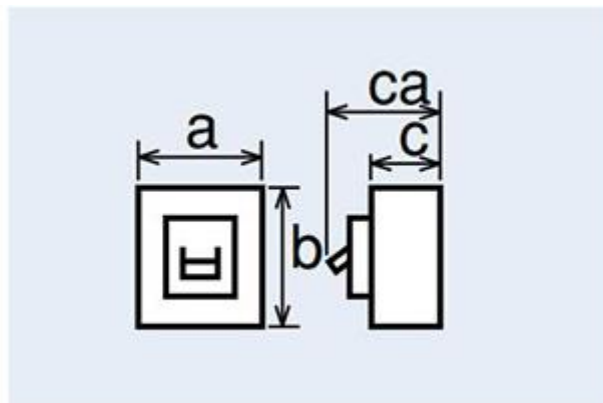


WS Series NF-F Type No-Fuse Breaker Specifications



Outline drawing

Frame A				30	50
Type Name				NF30-FA	NF50-FA
Rated Current In A Standard Ambient Temperature 40°C				5 10 15 20 30	5 10 15 20 30 40 50
Number Of Contacts				2 3	2 3
Rated Insulation Voltage Ui V				250	250
Rated Breaking Capacity kA	JIS C8201-2-1 Ann.1 Ann.2 (Icu/Ics)	AC	200 V	2.5/1 (Note 1)	2.5/1 (Note 1)
		DC	65 V	1.5/1	1.5/1
Rated Impulse Withstand Voltage Uimp (kV)				2.5	2.5
Current Type				AC/DC shared	AC/DC shared
Isolation Compliant				-	-
Reverse Connections				-	-

Frame A		30		50	
Switch Life Span (Times)	Mechanical	10,000		10,000	
	Electrical (220 V AC)	6,000		6,000	
Selectability Type (Usage Category)		A		A	
Degree Of Contamination		2		2	
External Dimensions mm	a	40	60	40	60
	b	72		72	
	c	57		57	
	ca	73.5		73.5	
Product weight kg		0.14	0.2	0.16	0.22
Mount Method	IEC 35 mm Rail	Possible		Possible	
	Mounting Screw (Note 2)	Possible		Possible	
	Surface Plate Installation (Note 4)	Possible		Possible	
Connection Method	Front Surface Type	☉ (For crimp terminals)		☉ (For crimp terminals)	
	Simple Back Surface Shape (Note 5)				
Accessory Devices Included	Alarm Switch (AL)	○		○	
	Auxiliary Switch (AX)	○		○	
	Shunt Trip (SHT)	○		○	
	Vertical Lead Terminal Block (SLT)	○		○	
Parts sold separately	Lock Cover (LC)	○		○	
	Handle Lock (HL)	○		○	
	Terminal Cover, Small (TC-S)	○		○	
	Terminal Cover For Surface Plate Mounting (RTC)	○		○	
Electrical Appliance And Material Safety Law		Compliant		Compliant	
CE Mark		-		-	
CCC Certification		-		-	
Overcurrent Tripping Method		Thermal		Thermal	
Trip Button		-(Note 3)		-(Note 3)	

(Note 1) The rated breaking capacity is 1.5/1 kA for parts with 5 A rated current.

(Note 2) The customer must provide the mounting screws. Use SW-PW-P pan-head screws (M4 × 0.7 × 50).

(Note 3) Only included when an alarm switch (AL) is provided (excluding SHT + AL).

(Note 4) Can install surface plate without tightening nuts from the back (The customer must provide the mounting screws M5 × 0.8

× 30). Here, terminal screws can be tightened from the back of the breaker.
 (Note 5) The terminal structure allows back surface wiring.

WS Series NF-F Type No-Fuse Breaker Dimensional Outline Drawing

