

OFF position: The W-N3 three-stage transfer switch can be moved conveniently from ON to a disconnected OFF position, while the W-2 two-stage transfer switch does not have an OFF position.

Table 1

Product series code, sequence no.	Rated operating current (A)	Number of poles (P)	Wiring mode	Function code
W-N3 W-2	20, 40, 63, 80, 100, . . .	2, 3, 4	F, B	I Standard type
Frame grading current Inm A	63	20, 40, 63	2: Grade 2 3: Grade 3 4: Grade 4  F: Board front wiring B: Board back wiring	
	125	80, 100, 125		
	250	160, 200, 225, 250		
	500	350, 400, 500		
	800	630, 800		
	1250	1000, 1250		
	1600	1600		
	2500	1600, 2000, 2500		
4000	3150, 4000	II Automatic type		
5000	5000			

- Note: 1) Switch equipment has rated operating voltage of AC660V/690V and DC125V/250V, and control voltage of AC100V, 110V and DC110V, 1250V. Other voltage specifications can be provided to special order.  
 2) The communication from the back of the board. This is s interface details need to be specified with the order.  
 3) Switches of 500A or below are typically connected from the front of the board, while that of 500A and above are typically connected considered a special order.

## II. Parameters of W-2 stage transfer switch

Table 2

Type	W-2												
Isolation voltage	AC800V												
Impulse withstanding	8kV												
Rated voltage	AC400V (AC660V/690V, DC125V/250V)												
Rated current (A)	20, 40, 63	80, 100, 125	160, 200, 225, 250	350, 400, 500									
Number of throws	dual throw												
Wiring mode	board front												
Number of poles	2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P	
Weight (Kg)	4.5	5	5.5	5	6.3	6.8	6	6.6	7.3	11	15	18	
Operating current (A)	DC110V/125V	6	6	8	6	6	8	6	8	10	10	10	14
	AC100V/110V	6	6	8	6	6	8	6	8	10	10	10	14
	AC200V/220V/230V	3	3	4	3	3	4	3	4	5	5	5	7
Performance	Short-time withstanding current	10kA						15kA			20kA		
	Rated limited short-circuit current	50kA						65kA					
	Rated limited short-circuit current	100kA						120kA					
	Connection/disconnection capacity	AC-33B (10Ie connected, 10Ie disconnected) cos φ=0.35 (When Ie≤100A, cos φ=0.45) DC-33B(4Ie connected, 4Ie disconnected)L/R=2.5ms											
	Transfer time	Power A→Power B	≤0.2s										
		Power B→Power A											
	Lifespan	Electrical lifespan 6,000 cycles, mechanical lifespan 20,000 cycles											
Operating cycle frequency	120 cycles/hour												
Auxiliary switch	2 normally open and 2 normally closed on power sides A and B; contact capacity: AC 110V 5A/ AC 220V 3A, DC 200V 0.2A												
Accessory	Operating handle												

Note: See notes 1) ~ 3) in Table 1.