

(Attachment 1) FW-0C, 0SC Comparison of Current and Replacement Products

Rep No. C25031a

April 10, 2026

Fuji Electric FA Components & Systems Co., Ltd.

		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-0C,0SC	SW12XAC
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		12 A	13 A
Auxiliary contact		1NO, 1NC	1NO, 1NC
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		0.24-0.36 A to 9-13 A	0.24-0.36 A to 9-13 A
Case material		Plastic	Plastic
Ambient temperature		-10°C to +40°C	-10°C to +40°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	2,000,000 operations
Outline (mm)	Width	71	76
	Height	120	165
	Depth	79	94
Screw size	Main terminal screw	M3.5	M3.5
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The insulation voltage and durability are higher than FW-0C, 0SC. The dimensions are also larger than those of FW-0C, 0SC.

		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-0P,0SP	SW12XAP
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		12 A	13 A
Auxiliary contact		-	1NO
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		0.24-0.36 A to 9-13 A	0.24-0.36 A to 9-13 A
Case material		Plastic	Plastic
Ambient temperature		-10°C to +40°C	-10°C to +40°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	250,000 operations
Outline (mm)	Width	81.5	90
	Height	147.5	200
	Depth	93	125
Screw size	Main terminal screw	M3.5	M3.5
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The insulation voltage is higher than FW-0P, 0SP. The dimensions are also larger than those of FW-0P, 0SP.

(Attachment 3) FW-1 Comparison of Current and Replacement Products

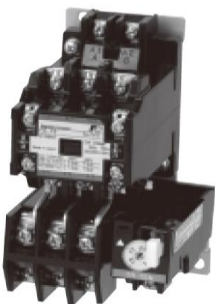
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		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-1	SW18XA
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		18 A	18 A
Auxiliary contact		2NO, 1NO+1NC, 2NC	1NO, 1NC*
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		4-8 A to 12-18 A	4-6 A to 15-18 A
Ambient temperature		-10°C to +50°C	-10°C to +55°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	1,500,000 operations
Outline (mm)	Width	75	43
	Height	108.5	125
	Depth	85	78
Screw size	Main terminal screw	M4	M3.5
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The ambient temperature, insulation voltage, and durability are higher than FW-1. It also has smaller width and depth dimensions than FW-1.

*2NO+1NC and 1NO+2NC are available as additional auxiliaries.

		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-1S	SW26XA
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		26 A	26 A
Auxiliary contact		2NO, 1NO+1NC, 2NC	1NO, 1NC*
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		13-20 A to 20-26 A	12-18 A to 20-26 A
Ambient temperature		-10°C to +50°C	-10°C to +55°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	2,000,000 operations
Outline (mm)	Width	68	53
	Height	121	130
	Depth	90.5	82
Screw size	Main terminal screw	M4	M4
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The ambient temperature, insulation voltage, and durability are higher than FW-1S. It also has smaller width and depth dimensions than FW-1S.

*2NO+1NC and 1NO+2NC are available as additional auxiliaries.

(Attachment 5) FW-2S Comparison of Current and Replacement Products

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		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-2S	SW38XA
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		35 A	35 A
Auxiliary contact		2NO, 1NO+1NC, 2NC	1NO, 1NC*
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		12-18 A to 24-36 A	12-18 A to 32-38 A
Ambient temperature		-10°C to +50°C	-10°C to +55°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	2,000,000 operations
Outline (mm)	Width	78	53
	Height	138.5	130
	Depth	91.5	82
Screw size	Main terminal screw	M5	M4
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The ambient temperature, insulation voltage, and durability are higher than FW-2S. It also has smaller dimensions than FW-2S.

*2NO+1NC and 1NO+2NC are available as additional auxiliaries.

(Attachment 6) FW-3 Comparison of Current and Replacement Products

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Fuji Electric FA Components & Systems Co., Ltd.

		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-3	SW50XA
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		50 A	50 A
Auxiliary contact		2NO, 1NO+1NC, 2NC	1NO+1NC*
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		24-36 A to 34-50 A	24-36 A to 44-54 A
Ambient temperature		-10°C to +50°C	-10°C to +55°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	2,000,000 operations
Outline (mm)	Width	78	64
	Height	138.5	148
	Depth	91.5	93
Screw size	Main terminal screw	M5	M5
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The ambient temperature, insulation voltage, and durability are higher than FW-3. It also has smaller dimensions than FW-3.

*2NO+2NC is available as an additional auxiliary.

(Attachment 7) FW-4 Comparison of Current and Replacement Products

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		Current product (FW)	Replacement product (SC-NEXT)
Product photo			
Types		FW-4	SW65XA
Operating coil		AC	AC
Rated operational current (A) 200-240 V, AC-3		65 A	65 A
Auxiliary contact		2NO, 1NO+1NC, 2NC	1NO+1NC*
Number of thermal overload relay elements		2,3	2,3
Thermal overload relay rating		28-40 A to 45-67 A	24-36 A to 53-65 A
Ambient temperature		-10°C to +50°C	-10°C to +55°C
Rated insulation voltage (V)		500 V	690 V
Electrical durability (AC-3)		250,000 operations	1,300,000 operations
Outline (mm)	Width	90	64
	Height	175	148
	Depth	109	93
Screw size	Main terminal screw	M6	M5
	Auxiliary terminal screws	M3.5	M3.5
Compatibility of mounting outline with FW		-	Not compatible
Remarks		-	The ambient temperature, insulation voltage, and durability are higher than FW-4. It also has smaller dimensions than FW-4.

*2NO+2NC is available as an additional auxiliary.