

To All Customers

Rep No.C22026

May 23, 2023

Fuji Electric FA Components & Systems Co., Ltd.

Notification regarding Production Discontinuation of CP3□/E and CP3□/V Series Circuit Protectors

We would like to thank you for your continued patronage of Fuji products.
 We are writing to announce the production discontinuation of some of our products.
 Details are described below. Please review the following information and take appropriate actions.
 Please also inform all related sections of your company of this discontinuation.

Product name	Circuit protector
Series name	CP3□/E Series and CP3□/V Series
Types	1) CP3□E■◇/○○○ 1) CP3□V■◇/○○○ □ = Poles: 1 to 4 ■ = Internal circuit: Unspecified, 2 to 6 ◇ = Operating characteristics, M, F, I ○ = Rated current: 0.05 to 30 *Includes the above special specifications and accessories
Reason for discontinuation	Due to the aging of production facilities, it has become difficult to provide a reasonable and stable supply of products.
Alternative types	CP30F Series and other company products Refer to Attachment 1 Comparison of Alternative Products (Fuji Electric Products) and Attachment 2 Comparison of Alternative Products (Other Companies)
Date of production discontinuation	End of March 2024
Attachments	Attachment 1 Comparison of Alternative Products (Fuji Electric Products) Attachment 2 Comparison of Alternative Products (Other Products)
Last order date	End of July 2023
Maintenance parts	There are no maintenance parts.
Others	

Attachment 1

Comparison of Alternative Products for CP3□E and CP3□V Series Products

□ = Poles: 1 to 4



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Product		Discontinued product		Alternative product
Product photo *Photos are representative and may differ depending on the type.				
Basic type		CP3□E	CP3□V	CP30F-□P
Acquired standards, certification, and marking		UL1077, PSE	UL1077, PSE, TÜV (EN60934), CE	UL1077, TÜV (EN60934), PSE, CCC (GB/T17701), KC60934, CE
No. of poles		1 to 4		1 to 3
Standard ambient temperature		25°C		40°C
Rated operational voltage (Ue)		250 V AC (50/60 Hz), 60 V DC		1-pole: 250 V AC (50/60 Hz), 65 V DC 2-pole: 250 V AC (50/60 Hz), 125 V DC 3-pole: 250 V AC (50/60 Hz)
Rated current (A)		0.05, 0.1, 0.25, 0.5, 0.75, 1, 2, 2.5, 3, 5, 7.5, 10, 15, 20, 25, 30		0.1, 0.3, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 25, 30
Rated breaking capacity	250V AC	1000A		2500A
	60V DC	1000A		1-pole: 2500 A (at 65 V DC) 2-pole: 2500 A (at 125 V DC) 3-pole: AC only, no DC compatible product.
Operating characteristics*1	Slow-speed type	✓		✓
	Medium-speed type	✓		✓
	High-speed type	✓		-
	Instantaneous type	✓		✓
With inertia delay (delay device)		✓* Instantaneous type is not available.		✓* AC only, instantaneous type not available
Internal circuit	Series connected type	✓		✓
	Parallel connected type	✓		-
	Relay type (current tripping)	✓		-
	Switch type	✓		-
	Relay type (voltage tripping)	✓		-
	Relay type (dual coil)	✓		-
Accessory devices	Auxiliary switch	✓		✓
	Alarm switch	✓		✓
Switching life		10,000 or more times (rated current applied)		10,000 or more times (rated current applied)
Connection	Screw terminal	✓M4		✓M4 (20 A or less), M5 (25 A or higher)
	Mail tab terminal (#250)	✓		-
	PCB directly-attached	✓		-
Mounting		Panel mounting (M3 screw)		M4 screw or IEC rail mounting
Accessories	CP socket (IEC rail mounting)	✓		-
	Socket terminal cover	✓		-
	Color cap	✓		-
	Mounting decorative frame	✓		-
	Dummy mounting decorative frame	✓		-
Dimensions (mm)	a	1-pole: 19, 2-pole: 38.5, 3-pole: 57.5, 4-pole: 76.5		1-pole: 17.5, 2-pole: 35, 3-pole: 52.5
	b	51		80
	c	42		66.3
	d	60		72.1
Mass (per pole)		About 60 g		About 80 g

*1: Refer to our company catalog 62D1-J-0039 for operating characteristic curves.

Attachment 2

Comparison of Alternative Products for CP3□E and CP3□V Series Products



□ = Poles: 1 to 4



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Product		Discontinued product		Alternative product	
Product photo *Photos are representative and may differ depending on the type.				Nippon Thermo product 	
Basic type		CP3□E	CP3□V	UP30	ICP30
Acquired standards, certification, and marking		UL1077, PSE	UL1077, PSE, TUV (EN60934), CE	UL1077, PSE*2	UL1077, PSE*2, TUV (EN60947-2)
No. of poles		1 to 4		1 to 5	
Standard ambient temperature		25°C		25°C	
Rated operational voltage (Ue)		250 V AC (50/60 Hz), 60 V DC		250 V AC (50/60 Hz), 65 V DC	
Rated current (A)		0.05, 0.1, 0.25, 0.5, 0.75, 1, 2, 2.5, 3, 5, 7.5, 10, 15, 20, 25, 30		0.05, 0.1, 0.25, 0.5, 0.75, 1, 1.5, 2, 2.5, 3, 5, 7.5, 10, 15, 20, 25, 30	
Rated breaking capacity	250V AC	1000A		1000A	
	60V DC	1000A		2000A	1500A
Operating characteristics*1	Slow-speed type	✓		✓	
	Medium-speed type	✓		✓	
	High-speed type	✓		✓	
	Instantaneous type	✓		✓	
With inertia delay (delay device)		✓* Instantaneous type is not available.		✓* Instantaneous type is not available.	
Internal circuit	Series connected type	✓		✓	
	Parallel connected type	✓		✓	
	Relay type (current tripping)	✓		✓	
	Switch type	✓		✓	
	Relay type (voltage tripping)	✓		✓	
	Relay type (dual coil)	✓		✓	
Accessory devices	Auxiliary switch	✓		✓	
	Alarm switch	✓		✓	
Switching life		10,000 or more times (rated current applied)		10,000 or more times (rated open/close 6,000 times, no-load open/close 4,000 times)	
Connection	Screw terminal	✓ M4		✓ M4	
	Mail tab terminal (#250)	✓		✓	
	PCB directly-attached	✓		✓	
Mounting	Panel mounting (M3 screw)	✓		✓	
Accessories	CP socket (IEC rail mounting)	✓		-	
	Socket terminal cover	✓		-	
	Color cap	✓		-	
	Mounting decorative frame	✓		-	
	Dummy mounting decorative frame	✓		-	
Dimensions (mm)	a	1-pole: 19, 2-pole: 38.5, 3-pole: 57.5, 4-pole: 76.5		1-pole: 19.5, 2-pole: 38.5, 3-pole: 57.5, 4-pole: 76.5	
	b	51		51	
	c	42		41	
	d	60		59	
	Mass (per pole)		About 60 g		About 60 g

