

To All Customers

Rep No.C24032

February 7, 2025

Fuji Electric FA Components  
& Systems Co., Ltd.

## Notification of Production Discontinuation of Card Relays with SSR Output in Control Relay Products

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	Control relays
Series name	Card relay with SSR output
Types	RE0A-DY, RE0A-DB, RE0A-DE RE0D-DY, RE0D-DB, RE0D-DE
Reason for discontinuation	Continued production has become difficult due to discontinuation of parts and molds
Alternative products	There are no alternative Fuji products available. Please consider products of other companies with equivalent functionality. (For details, see the attachment "Equivalent Products of Other Companies".)
Date of production discontinuation	March 31, 2026
Attachments	Equivalent Products of Other Companies
Last order date	June 30, 2025
Maintenance parts	There are no maintenance parts.
Others	-

**Fuji Electric FA Components & Systems Co., Ltd.**

# Attachments

## Equivalent Products of Other Companies: Card Relay with SSR Output

Manufacturer		Fuji Electric FA Components & Systems Co., Ltd.						FCL Components Limited (formerly Fujitsu Component Limited)					
Types		RE0A-DY	RE0A-DB	RE0A-DE	RE0D-DY	RE0D-DB	RE0D-DE	SN-5A01F	SN-12A01F	SN-24A01F	SN-5D01HZ	SN-12D01HZ	SN-24D01HZ
Category		DC input - AC output			DC input - DC output			DC input - AC output			DC input - DC output		
Contact arrangement		1NO			1NO			1NO			1NO		
Main circuit  (output)	Rated operational voltage	100 to 240 V AC			24 V DC			100 to 240 V AC			24 V DC		
	Operational voltage range	85 to 264 V AC			10 to 30 V DC			24 to 265 V AC					
	Rated thermal current	1.0 A			1.0 A			1.0 A rms			1.0 A		
	Open contact leak current (max.)	1 mA or less			0.1 mA or less			3.0 mA rms or less at 200 V, 60 Hz			0.1 mA or less at 30 V		
	Minimum load current	20 mA			1 mA			10 mA rms			1 mA		
	Closed contact voltage drop (max.)	1.6 V or less			1 V or less			1.2 V rms or less			1.2 V or less		
	Zero cross function	No			-			No			-		
	Surge on current	15 A (60 Hz, 1 cycle)			3 A (10 ms)			50 A (60 Hz, 1 cycle)			3 A (10 ms)		
Operating circuit  (input)	Isolation method	Phototriac			Photocoupler			Phototriac			Photocoupler		
	Rated control supply voltage	5 V DC	12 V DC	24 V DC	5 V DC	12 V DC	24 V DC	5 V DC	12 V DC	24 V DC	5 V DC	12 V DC	24 V DC
	Operational voltage range	3.5 to 5.5 V DC	8.4 to 13.2 V DC	16.8 to 26.4 V DC	3.5 to 5.5 V DC	8.4 to 13.2 V DC	16.8 to 26.4 V DC	4 to 6 V DC	9.6 to 14.4 V DC	19.2 to 28.8 V DC	4 to 6 V DC	9.6 to 14.4 V DC	19.2 to 28.8 V DC
	Pick-up voltage	Rated operational voltage 70% or less			Rated operational voltage 70% or less			Rated operational voltage 80% or less			Rated operational voltage 80% or less		
	Recovery voltage	Rated operational voltage 10% or more			Rated operational voltage 10% or more			0.5 V DC or more			1 V DC or more		
	Input impedance	Approx. 390 Ω	Approx. 1 kΩ	Approx. 2.7 kΩ	Approx. 390 Ω	Approx. 1 kΩ	Approx. 2.7 kΩ	330 Ω ±10%	1 kΩ ±10%	2.2 kΩ ±10%	390 Ω ±10%	1.2 kΩ ±10%	2.4 kΩ ±10%
General specs.	Operational ambient temperature	-25 to +80°C						-30 to +85°C					
	Storage temperature	-25 to +80°C						-40 to +100°C					
	Withstand voltage	Between input-output terminals 2000 V AC for 1 min.						Between input-output 2500 V AC for 1 min.					
	Insulation resistance	100 MΩ or more (measured with 500 V DC megger)						Between input-output 1000 MΩ or more (measured with 500 V DC megger)					
	Operating time	1 ms or less						1 ms or less					
	Recovery time	1/2 cycle + 1 ms or less			1 ms or less			1/2 cycle + 1 ms or less			1 ms or less		
Dimensions	W	Max. 21.3 mm						Max. 20.2 mm					
	H	Max. 12.6 mm						Max. 17.2 mm					
	D	Max. 5.08 mm						Max. 5.2 mm					
Outline dimensions													
		The parentheses ( ) represent DC output						Note: Products with output terminal reverse polarity are also available.					