

# Product Termination Notification

|                          |  |
|--------------------------|--|
| <b>PCN Number:</b>       | RLPTN212201                                      |
| <b>Product Category:</b> | Electromechanical Power and Automotive Relays    |
| <b>Subject:</b>          | Termination notice 2021 (Relay products)         |
| <b>Product series:</b>   | NA, JS (with Cadmium contact) and FBR51/52ND**WF |
| <b>Date:</b>             | 01 June, 2021                                    |

## Termination notice 2021 (Relay products):

We would like to announce Termination notice 2021(Relay products) as following.

Please start negotiation with customers in accordance with this notice and please let us know ASAP if you have any concerns?

## Product series to be terminated:

| Series                           | Amount of parts | Replacement  |
|----------------------------------|-----------------|--|
| NA series                        | 171             | FTR-C1<br>(NAL by FTR-C1 single coil latching type)<br>(NAL-D, No replacement) |
| JS series (with Cadmium contact) | 93              | Cadmium free contact JS relay  |
| FBR51/52ND**WF                   | 4               | FTR-P3/G1  |
|                                  | Total: 268      |  |

## Request:

Can you please announce this termination to your customers and start negotiation concerning lifetime required and quantity to issue final last time buy purchase orders.

Please let us know your customers negotiation status and results ASAP till following due dates?

## Schedule:

- Negotiation status reply due date : August 1st, 2021
- Final PO Last time Buy acceptance due date : October 1st, 2021
- Final scheduled termination date : October 1st, 2021

## Relay part numbers and Replacement:

See Appendix.

## Customer response:

Please send your concerns and requests for specific part numbers, samples, technical support to your Fujitsu Components contact person or to your Fujitsu Components Sales Executive.

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**Disclosure information:**

None of this information shall be disclosed or forwarded to other suppliers or distributed outside your company without written approval from Fujitsu Components Europe B.V.

Distributors are allowed and urged to forward this Product Notice information to their customers whom are buying any of the listed relay types.

This Product Notification will also be available on <https://extranet.fceu.fujitsu.com>

**Appendix:****FBR51/52ND\*\*WF**

| Parts number    | Replacement |
|-----------------|-------------|
| FBR51ND12-WF    | FTR-P3/G1   |
| FBR51ND12-WF-LF | FTR-P3/G1   |
| FBR52ND12-WF    | FTR-P3/G1   |
| FBR52ND12-WF-LF | FTR-P3/G1   |

**NA series**

| Parts number     | Replacement   |
|------------------|---------------|
| NA-3W-K-AZ-LS    | FTR-C1 series |
| #2NA-5W-K        | FTR-C1 series |
| #2NA-5W-K-EC2    | FTR-C1 series |
| #3NA-4.5W-K-G    | FTR-C1 series |
| #GNA-12WN-K-P2   | FTR-C1 series |
| #GNA-4.5WN-K     | FTR-C1 series |
| #GNA-4.5WN-K-P2  | FTR-C1 series |
| #GNA-9WN-K-P2    | FTR-C1 series |
| #GNAL-9WN-K-P2   | FTR-C1 series |
| NA-0201X-QCT     | FTR-C1 series |
| NA-1.5W-K        | FTR-C1 series |
| NA-1.5W-K-AZ     | FTR-C1 series |
| NA-12W-K         | FTR-C1 series |
| NA-12W-K-016     | FTR-C1 series |
| NA-12W-K-016-LS  | FTR-C1 series |
| NA-12W-K-2AG     | FTR-C1 series |
| NA-12W-K-2AG-PP  | FTR-C1 series |
| NA-12W-K-2AG-PP2 | FTR-C1 series |
| NA-12W-K-7AG-002 | FTR-C1 series |
| NA-12W-K-7AG-020 | FTR-C1 series |
| NA-12W-K-AZ      | FTR-C1 series |
| NA-12W-K-AZ2     | FTR-C1 series |
| NA-12W-K-C       | FTR-C1 series |
| NA-12W-K-CV      | FTR-C1 series |
| NA-12W-K-DM      | FTR-C1 series |
| NA-12W-K-EC      | FTR-C1 series |
| NA-12W-K-EC2     | FTR-C1 series |

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|                         |               |
|-------------------------|---------------|
| NA-12W-K-FE             | FTR-C1 series |
| NA-12W-K-HT             | FTR-C1 series |
| NA-12W-K-LF             | FTR-C1 series |
| NA-12W-K-LS             | FTR-C1 series |
| NA-12W-K-SNY            | FTR-C1 series |
| NA-12WN-K               | FTR-C1 series |
| NA-12WN-K-D             | FTR-C1 series |
| NA-12WN-K-D-LF          | FTR-C1 series |
| NA-12WN-K-P2            | FTR-C1 series |
| NA-12WN-K-P2-C          | FTR-C1 series |
| NA-12WN-K-P2-LF         | FTR-C1 series |
| NA-18W-K                | FTR-C1 series |
| NA-18W-K-AZ             | FTR-C1 series |
| NA-24W-K                | FTR-C1 series |
| NA-24W-K-017            | FTR-C1 series |
| NA-24W-K-017-LD         | FTR-C1 series |
| NA-24W-K-017-LS         | FTR-C1 series |
| NA-24W-K-2AG            | FTR-C1 series |
| NA-24W-K-2AG-MN         | FTR-C1 series |
| NA-24W-K-AZ             | FTR-C1 series |
| NA-24W-K-FE             | FTR-C1 series |
| NA-24W-K-G              | FTR-C1 series |
| NA-24W-K-LF             | FTR-C1 series |
| NA-24W-K-LS             | FTR-C1 series |
| NA-24W-K-NN             | FTR-C1 series |
| NA-24W-K-ST             | FTR-C1 series |
| NA-24WN-K               | FTR-C1 series |
| NA-24WN-K-P2            | FTR-C1 series |
| NA-3W-K                 | FTR-C1 series |
| NA-3W-K-AZ              | FTR-C1 series |
| NA-3W-K-AZ-LD           | FTR-C1 series |
| NA-3W-K-LF              | FTR-C1 series |
| NA-3W-K-ST              | FTR-C1 series |
| NA-4.5W-K               | FTR-C1 series |
| NA-4.5W-K-2AG           | FTR-C1 series |
| NA-4.5W-K-2AG-004       | FTR-C1 series |
| NA-4.5W-K-2AG-004-C     | FTR-C1 series |
| NA-4.5W-K-2AG-004-CH    | FTR-C1 series |
| NA-4.5W-K-2AG-004-CH-LD | FTR-C1 series |
| NA-4.5W-K-7AG-011       | FTR-C1 series |
| NA-4.5W-K-7AG-011-C     | FTR-C1 series |
| NA-4.5W-K-7AG-011-CH    | FTR-C1 series |
| NA-4.5W-K-7AG-011-CH-LD | FTR-C1 series |
| NA-4.5W-K-AZ            | FTR-C1 series |
| NA-4.5W-K-AZ-LD         | FTR-C1 series |
| NA-4.5W-K-CV            | FTR-C1 series |
| NA-4.5W-K-EC3           | FTR-C1 series |
| NA-4.5W-K-G-ST          | FTR-C1 series |
| NA-4.5W-K-G-ST-GIT      | FTR-C1 series |
| NA-4.5W-K-HU2           | FTR-C1 series |

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|                    |                                  |
|--------------------|----------------------------------|
| NA-4.5W-K-LF       | FTR-C1 series                    |
| NA-4.5W-K-ST       | FTR-C1 series                    |
| NA-4.5WN-K         | FTR-C1 series                    |
| NA-4.5WN-K-P1      | FTR-C1 series                    |
| NA-48W-K           | FTR-C1 series                    |
| NA-48W-K-AZ        | FTR-C1 series                    |
| NA-48W-K-LF        | FTR-C1 series                    |
| NA-48W-K-ST        | FTR-C1 series                    |
| NA-4W-K            | FTR-C1 series                    |
| NA-4W-K-2AG-010    | FTR-C1 series                    |
| NA-4W-K-2AG-010-C  | FTR-C1 series                    |
| NA-4W-K-2AG-010-LD | FTR-C1 series                    |
| NA-4W-K-7AG-022    | FTR-C1 series                    |
| NA-4W-K-ST         | FTR-C1 series                    |
| NA-5W-K            | FTR-C1 series                    |
| NA-5W-K-018        | FTR-C1 series                    |
| NA-5W-K-018-LD     | FTR-C1 series                    |
| NA-5W-K-018-LS     | FTR-C1 series                    |
| NA-5W-K-7AG-001    | FTR-C1 series                    |
| NA-5W-K-7AG-001-LD | FTR-C1 series                    |
| NA-5W-K-AZ         | FTR-C1 series                    |
| NA-5W-K-C          | FTR-C1 series                    |
| NA-5W-K-CV         | FTR-C1 series                    |
| NA-5W-K-EC2        | FTR-C1 series                    |
| NA-5W-K-HU2        | FTR-C1 series                    |
| NA-5W-K-HU3        | FTR-C1 series                    |
| NA-5W-K-LB         | FTR-C1 series                    |
| NA-5W-K-LF         | FTR-C1 series                    |
| NA-5W-K-LS         | FTR-C1 series                    |
| NA-5W-K-ST         | FTR-C1 series                    |
| NA-5WN-K           | FTR-C1 series                    |
| NA-6W-K            | FTR-C1 series                    |
| NA-6W-K-AZ         | FTR-C1 series                    |
| NA-6W-K-LF         | FTR-C1 series                    |
| NA-9W-K            | FTR-C1 series                    |
| NA-9W-K-AZ         | FTR-C1 series                    |
| NA-9W-K-C          | FTR-C1 series                    |
| NA-9W-K-G          | FTR-C1 series                    |
| NA-9W-K-LF         | FTR-C1 series                    |
| NA-9WN-K-P2        | FTR-C1 series                    |
| NAL-1.5W-K         | FTR-C1 single coil latching type |
| NAL-1.5W-K-AZ      | FTR-C1 single coil latching type |
| NAL-12W-K          | FTR-C1 single coil latching type |
| NAL-12W-K-AZ       | FTR-C1 single coil latching type |
| NAL-12W-K-AZ-LD    | FTR-C1 single coil latching type |
| NAL-12W-K-LF       | FTR-C1 single coil latching type |
| NAL-18W-K-AZ       | FTR-C1 single coil latching type |
| NAL-24W-K          | FTR-C1 single coil latching type |
| NAL-24W-K-AZ       | FTR-C1 single coil latching type |
| NAL-24W-K-LD       | FTR-C1 single coil latching type |

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|                   |                                  |
|-------------------|----------------------------------|
| NAL-24W-K-LF      | FTR-C1 single coil latching type |
| NAL-3W-K          | FTR-C1 single coil latching type |
| NAL-3W-K-AZ       | FTR-C1 single coil latching type |
| NAL-4.5W-K        | FTR-C1 single coil latching type |
| NAL-4.5W-K-AZ     | FTR-C1 single coil latching type |
| NAL-4.5W-K-AZ-LD  | FTR-C1 single coil latching type |
| NAL-5W-K          | FTR-C1 single coil latching type |
| NAL-5W-K-AZ       | FTR-C1 single coil latching type |
| NAL-5W-K-AZ-LD    | FTR-C1 single coil latching type |
| NAL-5W-K-LF       | FTR-C1 single coil latching type |
| NAL-6W-K          | FTR-C1 single coil latching type |
| NAL-6W-K-AZ       | FTR-C1 single coil latching type |
| NAL-9W-K          | FTR-C1 single coil latching type |
| NAL-9W-K-AZ       | FTR-C1 single coil latching type |
| NAL-9W-K-LF       | FTR-C1 single coil latching type |
| NAL-9WN-K-P2      | FTR-C1 single coil latching type |
| NAL-9WN-K-P2-LD   | FTR-C1 single coil latching type |
| NAL-D1.5W-K       | No replacement                   |
| NAL-D1.5W-K-AZ    | No replacement                   |
| NAL-D12W-K        | No replacement                   |
| NAL-D12W-K-AZ     | No replacement                   |
| NAL-D18W-K-AZ     | No replacement                   |
| NAL-D24W-K        | No replacement                   |
| NAL-D24W-K-AZ     | No replacement                   |
| NAL-D24W-K-HK     | No replacement                   |
| NAL-D24W-K-LF     | No replacement                   |
| NAL-D3W-K         | No replacement                   |
| NAL-D3W-K-012     | No replacement                   |
| NAL-D3W-K-013     | No replacement                   |
| NAL-D3W-K-AZ      | No replacement                   |
| NAL-D3W-K-LF      | No replacement                   |
| NAL-D4.5W-K       | No replacement                   |
| NAL-D4.5W-K-AZ    | No replacement                   |
| NAL-D4.5W-K-AZ-LD | No replacement                   |
| NAL-D4.5W-K-ST    | No replacement                   |
| NAL-D5W-K         | No replacement                   |
| NAL-D5W-K-AZ      | No replacement                   |
| NAL-D5W-K-AZ-LD   | No replacement                   |
| NAL-D5W-K-LF      | No replacement                   |
| NAL-D6W-K         | No replacement                   |
| NAL-D6W-K-AZ      | No replacement                   |
| NAL-D9W-K         | No replacement                   |
| NAL-D9W-K-AZ      | No replacement                   |
| NAL-D9W-K-ST      | No replacement                   |

**JS series (with Cadmium contact)**

| Parts number | Replacement                   |
|--------------|-------------------------------|
| #1JS-24-K    | Cadmium free contact JS relay |
| #GJS-5-K     | Cadmium free contact JS relay |
| JS-12E-K     | Cadmium free contact JS relay |

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|                 |                               |
|-----------------|-------------------------------|
| JS-12E-K-LF     | Cadmium free contact JS relay |
| JS-12E-K-PH     | Cadmium free contact JS relay |
| JS-12E-K-PH-LF  | Cadmium free contact JS relay |
| JS-12E-K-X      | Cadmium free contact JS relay |
| JS-12-K         | Cadmium free contact JS relay |
| JS-12-K-CSE     | Cadmium free contact JS relay |
| JS-12-K-CSE-C   | Cadmium free contact JS relay |
| JS-12-K-HU      | Cadmium free contact JS relay |
| JS-12-K-IO      | Cadmium free contact JS relay |
| JS-12-K-KU      | Cadmium free contact JS relay |
| JS-12-K-LF      | Cadmium free contact JS relay |
| JS-12-K-ML      | Cadmium free contact JS relay |
| JS-12-K-NM      | Cadmium free contact JS relay |
| JS-12-K-V3      | Cadmium free contact JS relay |
| JS-12-K-V3-LF   | Cadmium free contact JS relay |
| JS-12ME-K       | Cadmium free contact JS relay |
| JS-12M-K        | Cadmium free contact JS relay |
| JS-12M-K-CSE    | Cadmium free contact JS relay |
| JS-12M-K-CSE-LF | Cadmium free contact JS relay |
| JS-12M-K-LF     | Cadmium free contact JS relay |
| JS-12M-K-NM     | Cadmium free contact JS relay |
| JS-18E-K        | Cadmium free contact JS relay |
| JS-18-K         | Cadmium free contact JS relay |
| JS-18-K-CSE     | Cadmium free contact JS relay |
| JS-18-K-LF      | Cadmium free contact JS relay |
| JS-18-K-V3      | Cadmium free contact JS relay |
| JS-18-K-V3-LF   | Cadmium free contact JS relay |
| JS-18ME-K       | Cadmium free contact JS relay |
| JS-18M-K        | Cadmium free contact JS relay |
| JS-18M-K-LF     | Cadmium free contact JS relay |
| JS-24E-K        | Cadmium free contact JS relay |
| JS-24-K         | Cadmium free contact JS relay |
| JS-24-K-502     | Cadmium free contact JS relay |
| JS-24-K-CSE     | Cadmium free contact JS relay |
| JS-24-K-CSE-C   | Cadmium free contact JS relay |
| JS-24-K-DN      | Cadmium free contact JS relay |
| JS-24-K-IO      | Cadmium free contact JS relay |
| JS-24-K-KU      | Cadmium free contact JS relay |
| JS-24-K-LF      | Cadmium free contact JS relay |
| JS-24-K-ML      | Cadmium free contact JS relay |
| JS-24-K-ND      | Cadmium free contact JS relay |
| JS-24-K-V3      | Cadmium free contact JS relay |
| JS-24-K-V3-LF   | Cadmium free contact JS relay |
| JS-24-K-V3-NM   | Cadmium free contact JS relay |
| JS-24ME-K       | Cadmium free contact JS relay |
| JS-24M-K        | Cadmium free contact JS relay |
| JS-24M-K-CSE    | Cadmium free contact JS relay |
| JS-24M-K-LF     | Cadmium free contact JS relay |
| JS-24M-K-MH     | Cadmium free contact JS relay |
| JS-24M-K-V3     | Cadmium free contact JS relay |

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|               |                               |
|---------------|-------------------------------|
| JS-48-K       | Cadmium free contact JS relay |
| JS-48-K-IO    | Cadmium free contact JS relay |
| JS-48-K-LF    | Cadmium free contact JS relay |
| JS-48-K-V3    | Cadmium free contact JS relay |
| JS-48M-K      | Cadmium free contact JS relay |
| JS-48M-K-LF   | Cadmium free contact JS relay |
| JS-5E-K       | Cadmium free contact JS relay |
| JS-5E-K-LF    | Cadmium free contact JS relay |
| JS-5-K        | Cadmium free contact JS relay |
| JS-5-K-CSE    | Cadmium free contact JS relay |
| JS-5-K-IO     | Cadmium free contact JS relay |
| JS-5-K-KU     | Cadmium free contact JS relay |
| JS-5-K-LF     | Cadmium free contact JS relay |
| JS-5-K-ML     | Cadmium free contact JS relay |
| JS-5-K-NM     | Cadmium free contact JS relay |
| JS-5-K-SZ     | Cadmium free contact JS relay |
| JS-5-K-SZ2    | Cadmium free contact JS relay |
| JS-5-K-V3     | Cadmium free contact JS relay |
| JS-5ME-K      | Cadmium free contact JS relay |
| JS-5M-K       | Cadmium free contact JS relay |
| JS-5M-K-LF    | Cadmium free contact JS relay |
| JS-60-K       | Cadmium free contact JS relay |
| JS-60-K-LF    | Cadmium free contact JS relay |
| JS-60M-K      | Cadmium free contact JS relay |
| JS-6E-K       | Cadmium free contact JS relay |
| JS-6-K        | Cadmium free contact JS relay |
| JS-6-K-IO     | Cadmium free contact JS relay |
| JS-6-K-LF     | Cadmium free contact JS relay |
| JS-6-K-V3     | Cadmium free contact JS relay |
| JS-6ME-K      | Cadmium free contact JS relay |
| JS-6M-K       | Cadmium free contact JS relay |
| JS-9E-K       | Cadmium free contact JS relay |
| JS-9-K        | Cadmium free contact JS relay |
| JS-9-K-CSE    | Cadmium free contact JS relay |
| JS-9-K-CSE-LF | Cadmium free contact JS relay |
| JS-9-K-LF     | Cadmium free contact JS relay |
| JS-9-K-ML     | Cadmium free contact JS relay |
| JS-9-K-V3     | Cadmium free contact JS relay |
| JS-9M-K       | Cadmium free contact JS relay |
| JS-9M-K-V3    | Cadmium free contact JS relay |