

## Product Change Notification

<b>PCN Tracking Number:</b>	RLPCN103201
<b>Product Category:</b>	Electromechanical Automotive Relays
<b>Date:</b>	09 August 2010
<b>Affected Product:</b>	Automotive relay series.

### Description of Change:

Start of Lead-Free implementation for Automotive Relay series as per attached table 1, as announced per change notifications RLPCN060301, RLPCN053102, issued in 2006 and 2005, for the anticipated change to lead free for automotive relays.

### Discontinued part numbers:

Relay series	Remarks
FTR-P1 FBR51 FBR52 FBR53 FBR53-HW FBR512 FBR522	Applicable to all associated part numbers of the relay series. Part numbers on annex 1, list only these parts as supplied by FCEU (Fujitsu Components Europe)

### Details:

The terminal plating of the relays will be changed from Sn60%-Pb40% to Sn96.5%-Ag3% Cu0.5%. This is the same lead free material as was already announced in PCN #

RLPCN060301 and RLPCN053102 and already have been evaluated by all users.

Note that lead free parts are already delivered, when ordered as -LF or bearing the -LF suffix to the part number.

Depending on specific customer agreements on the delivery of lead free, some relay types could currently already be delivered in lead free version.

The list of relay on annex 1 indicate part numbers as supplied by FCEU

### Start of Lead Free production

From September 2010 production onwards.

### Customer response:

Please send your comments, requests for additional information or support to your Fujitsu account manager.

### Disclosure information:

None of this information shall be disclosed or forwarded to other suppliers or distributed outside your company, without approval from Fujitsu Components Europe B.V. Distributors are advised to forward this PCN to their customers who are buying the listed relays.

**Nr.: RLPCN103201**  
**Date: 09 Aug. 2010**  
**Annex 1**

**List of affected FCEU Supplied part numbers.**

part numbers	
FBR512ND09-W	FBR51ND12-W1
FBR512ND09-W1	FBR51ND12-WF
FBR512ND09-W-T1	FBR51ND12-WL
FBR512ND10-N-SA	FBR51NL210-W1-RW
FBR512ND10-N-SA-T1	FBR52ND06-W1
FBR512ND10-W1	FBR52ND12-N
FBR512ND10-W1-SA	FBR52ND12-W
FBR512ND10-W1-SA-T1	FBR52ND12-W1
FBR512ND10-W1-T1	FBR52ND12-W-D
FBR512ND10-WF-SA	FBR52ND24-W
FBR512ND10-WF-SA-T1	FBR53ND09-Y-HW-T1
FBR512ND12-W	FBR53ND10-Y
FBR512ND12-W1	FBR53ND10-Y-05-T1
FBR512ND12-W1-T1	FBR53ND10-Y1
FBR512ND12-W-T1	FBR53ND10-Y-HW-F
FBR51ND06-N	FBR53ND10-Y-HW-T1
FBR51ND06-W	FBR53ND10-Y-T1
FBR51ND09-W1	FBR53ND12-Y
FBR51ND10-N-SA	FBR53ND12-Y-HW-F
FBR51ND10-W1	FBR53ND12-Y-HW-T1
FBR51ND10-W1-DF	FBR53ND12-Y-T1
FBR51ND10-W1-SA	FTR-P1CN010N
FBR51ND10-WF-SA	FTR-P1CN010N-SA
FBR51ND10-WL	FTR-P1CN010W-SA
FBR51ND10-W-SA	FTR-P1CN012N
FBR51ND12-N	FTR-P1CN012W1
FBR51ND12-W	

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