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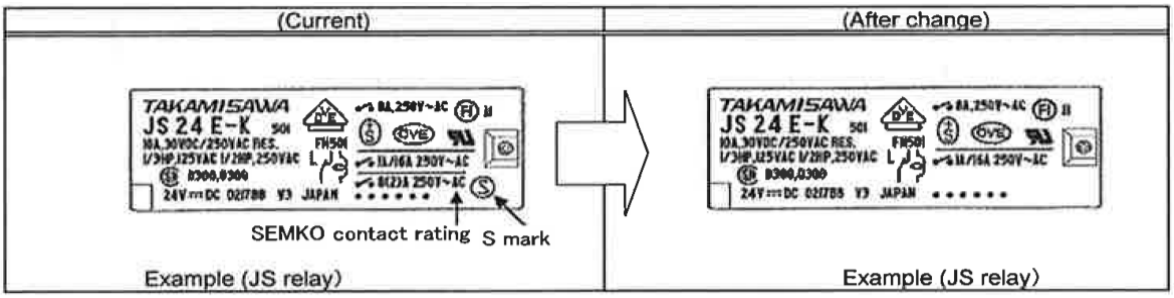
Product Change Notification

PCN Tracking Number:	RLPCN134501
Product Category:	Electromechanical Power Relays
Affected Products:	See included list of relay types
Date:	06 November, 2013

Change description:
Termination of SEMKO safety certification and deletion of “S” marking, based on applicable safety standards IEC/EN61058-1, as mentioned in the SEMKO certificates.

Affected Relay types:
All power relay types bearing the SEMKO “S’ marking. See type number list on page 2.

Details of the change:
Removal of the SEMKO “S” Mark.
Removal of the SEMKO contact ratings.



Reson for change:
Since the SEMKO certificates are associated to the standard IEC/EN61058-1, “General requirements for Switches for appliances”, we are changing this into the more relevant safety standard IEC61810-1; “General requirements for Electromechanical elementary relays”, as currently provided by VDE and or TÜV. This creates a more clear and effective managing and control of the safety approvals for electromechanical relays. Note that the SEMKO certified inrush ratings as per IEC/EN61058-1 standard, is also covered by evaluation per standard EN60065.14.6.1 as per VDE certificates appendix 500D. (See appendix 1 for a confirmation letter for this statement issued by VDE)

Implementation schedule:
From April 2014 production onwards.
Note that although the different relay SEMKO certificates may show an expiry date later than April 2014, this does not mean that the certificate would still be valid until this specific certificate expiry date, because as soon as the SEMKO marking has been removed from the relay, the certificate is not applicable anymore.

Customer response:
Please send your concerns and comments to your Fujitsu account manager. Distributors are allowed to forward this PCN to their customers, whom are buying one or more of the listed relay types.

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.

Nr.: RLPCN134501
Date: 06-11-2013

Relay types:

FTR-F1	FTR-F1( )( )( )T
	FTR-F1( )( )( )T-KW
	FTR-F1( )( )( )T-RC
	FTR-F1( )( )( )V
	FTR-F1( )( )( )V-01
	FTR-F1( )( )( )V-NV
	FTR-F1( )( )( )V-RC
	FTR-F1( )( )( )V-PH
	FTR-F1( )( )( )R
	FTR-F1( )( )( )R-NV
	FTR-F1AL( )R-RC

FTR-F2	FTR-F2
	FTR-F2P

FTR-F3	FTR-F3AA( )T
	FTR-F3AA( )V
	FTR-F3AA( )V-SM
	FTR-F3AA( )E-SM
	FTR-F3PA( )T
	FTR-F3PA( )V
	FTR-F3PA( )-SS
	FTR-F3 -HA

FTR-F4	FTR-F4AK( )( )T
	FTR-F4AK( )( )T-KF
	FTR-F4AK( )( )T-PH
	FTR-F4AK( )( )T-ON
	FTR-F4AK( )( )T-ST

FTR-H1	FTR-H1( )( )( )( )
	FTR-H1( )( )( )( )-01
	FTR-H1( )( )( )( )-02
	FTR-H1( )( )( )( )-03
	FTR-H1( )( )( )( )-04
	FTR-H1( )( )( )( )-PH
	FTR-H1( )( )( )( )-RC

FTR-H2	FTR-H2( )( )( )( )
	FTR-H2( )( )( )( )-TW
	FTR-H2( )( )( )( )-KF
	FTR-H2( )( )( )( )-ZE
	FTR-H2( )( )( )( )-MS
	FTR-H2( )( )( )( )-SN
	FTR-H2( )( )( )( )-CA
	FTR-H2( )( )( )( )-PH
	FTR-H2( )( )( )( )-CN
	FTR-H2( )( )( )( )-MR
	FTR-H2( )( )( )( )-NK
	FTR-H2( )( )( )( )-MS2
	FTR-H2( )( )( )( )-NK2
	FTR-H2( )( )( )( )-SY
	FTR-H2( )( )( )( )-PH2
	FTR-H2( )( )( )( )-RC
	FTR-H2( )( )( )( )-TH
	FTR-H2( )( )( )( )-TH2
	FTR-H2( )( )( )( )-01

FTR-K1	FTR-K1CK( )( )
	FTR-K1AK( )( )
	FTR-K1CK( )( )-MA
	FTR-K1CK( )( )-MB
	FTR-K1AK( )( )-MA
	FTR-K1AK( )( )-MB
	FTR-K1AL( )( )-LB
	FTR-K1AL( )( )-LA
	FTR-K1CK( )( )-MA-LP
	FTR-K1CK( )( )-MB-LP
	FTR-K1AK( )( )-MA-LP
	FTR-K1AK( )( )-MB-LP
	FTR-K1TAK( )( )
	FTR-K1TJK( )( )
	FTR-K1TBK( )( )
	FTR-K1CL( )( )-LA
	FTR-K1AK005T-PP
	FTR-K1AK012T-YA
	FTR-K1 -HT
	FTR-K1 -PP
	FTR-K1AK( )T-QE
	FTR-K1 -RG
	FTR-K1 -LP
	FTR-K1 -BG

FTR-K2	FTR-K2( )( )( )( )
	FTR-K2( )( )( )( )-TW
	FTR-K2( )( )( )( )-KF
	FTR-K2( )( )( )( )-02
	FTR-K2( )( )( )( )-MJ
	FTR-K2( )( )( )( )-OK
	FTR-K2( )( )( )( )-MJ2
	FTR-K2( )( )( )( )-TP
	FTR-K2( )( )( )( )-HT
	FTR-K2( )( )( )( )-TH
	FTR-K2AK( )T-RC

FTR-K3	FTR-K3( )B( )W
	FTR-K3( )B( )W-HH
	FTR-K3( )B( )W-PT
	FTR-K3( )B( )W-CT
	FTR-K3( )B( )W-YL
	FTR-K3( )B( )W-MR
	FTR-K3( )B( )W-01
	FTR-K3( )B( )W-OK
	FTR-K3( )B( )W-YL
	FTR-K3( )B( )W-NE
	FTR-K3( )B( )W-WE
	FTR-K3( )B( )W-WY
	FTR-K3( )B( )W-PL

FTR-LY	FTR-LY( )A( )( )
	FTR-LY( )A( )( )-OM
	FTR-LY( )A( )( )-YS
	FTR-LYPA024Y-01

JS	JS( )( )( )-K
	JS-24-K-501
	JS( )( )( )-K-V3
	JS-18-K-BU
	JS-24-K-ND
	JS( )( )( )-KS
	JS-( )N-K( )-EX
	JS-( )M-KT-QE
	JS-( )MN-KT-QE
	JS-( )( )( )-K( )-ML
	JS-24-K-DN/DN2
	JS- K-C
	JS- K-SZ
	JS- K-SZ2

JV	JV-( )( )( )-( )-SM
	JV-( )( )( )-( )-LC

VS	VS-( )( )( )( )( )-KU4
	VS-( )( )( )( )( )-ITI
	VS-( )( )( )( )( )-FN
	VS-( )( )( )( )( )-ZN
	VS-( )( )( )( )( )-SM2
	VS-( )( )( )( )( )-VD9
	VS-( )( )( )( )( )-SM
	VS-( )( )( )( )( )-IM2
	VS-( )( )( )( )( )-SM3
	VS-( )( )( )( )( )-IM3
	VS-( )( )( )( )( )-VE2

VB	VB-( )( )( )( )( )-KU4
	VB-( )( )( )( )( )-ITI
	VB-( )( )( )( )( )-FN
	VB-( )( )( )( )( )-ZN
	VB-( )( )( )( )( )-SM2
	VB-( )( )( )( )( )-VD9
	VB-( )( )( )( )( )-SM
	VB-( )( )( )( )( )-IM2
	VB-( )( )( )( )( )-SM3
	VB-( )( )( )( )( )-IM3
	VB-( )( )( )( )( )-VE2

VSB	VSB( )( )( )-SH
	VSB( )( )( )( )-SH
	VSB( )( )( )-VD
	VSB( )( )( )( )-VD
	VSB( )( )( )-VD2
	VSB( )( )( )( )-VD2
	VSB( )( )( )-VE
	VSB( )( )( )( )-VE

Appendix 1
06-11-2013

VDE GLOBAL SERVICES

6 September 2012

FUJITSU COMPONENT LIMITED
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Shinagawa-ku, Tokyo 141-8630 JAPAN

Appendix 500D

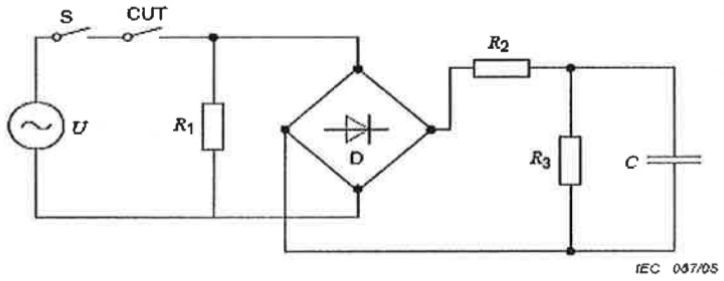
DIN EN 60065 (VDE 0860):2006-12; EN 60065:2002+A1:2006
Abschnitt / *Clause* 14.6.1 (nur elektrische Lebensdauer / *only electrical endurance*)

Dear Sir,

Regarding your question, we inform you as follows.

Appendix 500D of EN/IEC 61810-1 shows that the relays fulfill the requirement of endurance test in clause 14.6.1 item a) of EN 60065.
Therefore the relays mentioned in the Appendix 500D fulfill the requirement of endurance test according to IEC 61058-1.

Figure 9a – Circuit for capacitive Load test



Best Regards,

VDE Global Services Japan Co., Ltd.

H. Nishimura

Hideki Nishimura
Managing Director

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