

RENESAS TECHNICAL UPDATE

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Product Category	Photocoupler		Document No.	TN-DIO-A0085A/E	Rev.	1.00
Title	Creepage Distance		Information Category	Change of Creepage Distance		
Applicable Product	PS8902 RV1S9960A PS9924 PS9905 (Include tape & reel products and VDE certificated products)	Lot No.	Reference Document	Data Sheet R08DS0128JJ0200 R08DS0128EJ0200 R08DS0166JJ0200 R08DS0169EJ0200 R08DS0059JJ0300 R08DS0059EJ0300 R08DS0058JJ0200 R08DS0058EJ0200		
		Lot No. 128 or later				

1. Reason for change :

This product group has been certified with a creepage distance of 15 mm MIN, except for some parts from Safety standards agency.

2. Changes :

Change the creepage distance of the structural parameters of the data sheet from 14.5 mm MIN to 15 mm MIN.

Part Number	Safety standards	Creepage Distance		Remarks
		Before	After	
		MIN	MIN	
PS8902 RV1S9960A	VDE, CSA	14.5 mm	15 mm	
PS9924 PS9905	VDE, CSA	14.5 mm	15 mm	
	SEMKO*	14.5 mm	(Applying for 15 mm)	

* For SEMKO, only PS9924 and PS9905 are applicable. (At present, the creepage distance is 14.5 mm MIN).

Applying for 15 mm MIN.

Reference1 : Air Distance is 14.5 mm and there is no change.

Reference 2 : Customers do not need to reapply the safety standards due to this change.

Reference 3 : All products are UL certified. UL does not specify creepage distance.

3. Applicable lot No. : Lot No.128 or later

4. Remarks :

Since the package itself has not changed, there is no change in product dimensions except for creepage distance.

Therefore, there is no impact on mountability (Land pattern).

The creepage distance has been changed due to the recognition of this certification.