


# Licence for



**CENELEC ENEC Agreement Licence Ref. No. SE/07115-5G**

<b>Product:</b>	<b>Filter unit for radio interference suppression</b>
<b>Type designation:</b>	RTEN-50**(D), RTAN-50**(D), RTCN-50**, RTEN-2***, RTHN-2***
<b>Test Report No.</b>	1720154STO-001, -002 + 1816009STO-001
<b>Licence holder:</b>	TDK Corporation Electronic Components Business Company Magnetics Business Group 1- 11, Kabayachi, Kisakata-Machi Nikaho-shi, Akita-ken 018-0146 JAPAN
<b>The product complies with the standard(s):</b>	EN 60939-1:2010 EN 60939-2:2005
<b>Licence holder is authorized to use the mark with the following limitations:</b>	-
<b>Date of expiry:</b>	31 December 2022

## Additional information in Appendix

<i>Certification Body</i>	Intertek Semko AB, Product Certification	<i>Place</i>	Kista - Stockholm
<i>Signed</i>	 _____ Paul Klemets	<i>Date</i>	30 October 2018
<i>Internal reference:</i>	SUL		<i>Page 1 of 5</i>

This Licence is the result of testing a sample of the product submitted, in accordance with the provisions of the relevant specific standard. A copy of the Licence shall be filed in the place of manufacturing. The Licence has been established by a body which is a signatory to the ENEC Agreement ratified by CENELEC Marks Committee on 10 April 1992.

## APPENDIX

### CENELEC ENEC Agreement Licence Ref. No. SE/07115-5G

**Test Report No.** 1720154STO-001, -002 + 1816009STO-001

#### Technical data

*Type designation* RTEN-50\*\*(D)  
*Rated voltage* 3 x 500VAC  
*Frequency* 50/60Hz  
*Rated current* 6, 10, 16, 20, 30, 40, 50, 60A  
*Capacitance* 6 x 1.0, 1.5, 3.3uF X2 + 2 x 68nF Y2  
*Inductance* 3 x 4.5, 2.1, 1.6, 0.91, 0.79, 0.61, 0.51, 0.36mH  
*Resistance* 6 x 0.47, 1Mohm  
*Rated temperature* 50°C  
*Climatic category* 25/100/21  
*Trade mark* TDK-Lambda

*Type designation* RTAN-50\*\*(D)  
*Rated voltage* 3 x 500VAC  
*Frequency* 50/60Hz  
*Rated current* 6, 10, 16, 20, 30, 40, 50, 60A  
*Capacitance* 6 x 1.0, 1.5, 3.3uF X2 + 2 x 68nF Y2  
*Inductance* 3 x 2.9, 1.3, 1.0, 0.59, 0.51, 0.39, 0.33, 0.23mH  
*Resistance* 6 x 0.47, 1Mohm  
*Rated temperature* 50°C  
*Climatic category* 25/100/21  
*Trade mark* TDK-Lambda

*Type designation* RTCN-50\*\*  
*Rated voltage* 3 x 500VAC  
*Frequency* 50/60Hz  
*Rated current* 6, 10, 16, 20, 30, 40, 50, 60A  
*Inductance* 3 x 4.5, 2.1, 1.6, 0.91, 0.79, 0.61, 0.51, 0.36mH  
*Rated temperature* 50°C  
*Climatic category* 25/100/21  
*Trade mark* TDK-Lambda

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<i>Type designation</i>	RTEN-2***
<i>Rated voltage</i>	3 x 250VAC
<i>Frequency</i>	50/60Hz
<i>Rated current</i>	6, 10, 16, 20, 30, 40, 50, 60, 80, 100, 150, 200, 250, 300A
<i>Capacitance</i>	6 x 1.0, 1.5, 3.3, 4.7uF X2 + 10nF Y2
<i>Inductance</i>	3 x 4.5, 2.1, 0.79, 1.6, 0.61, 0.91, 0.51, 0.36, 0.64, 0.67, 0.42, 0.24, 0.11mH
<i>Resistance</i>	6 x 470, 1000kohm
<i>Rated temperature</i>	50°C
<i>Climatic category</i>	25/85/21
<i>Trade mark</i>	TDK-Lambda

<i>Type designation</i>	RTHN-2***
<i>Rated voltage</i>	3 x 250VAC
<i>Frequency</i>	50/60Hz
<i>Rated current</i>	6, 10, 16, 20, 30, 40, 50, 60, 80, 100, 150, 200, 250, 300A
<i>Capacitance</i>	9 x 1.0uF X2 + 3 x 2200pF Y2 + 3 x 1500pF Y2
<i>Inductance</i>	6 x 4.5, 2.1, 0.79, 1.6, 0.61, 0.91, 0.51, 0.36, 0.64, 0.67, 0.42, 0.24, 0.11mH
<i>Resistance</i>	9 x 1Mohm
<i>Rated temperature</i>	50°C
<i>Climatic category</i>	25/85/21
<i>Trade mark</i>	TDK-Lambda

## Alternative design:

RTEN-5006(D)	3x6A	3x4.5mH
RTEN-5010(D)	3x10A	3x2.1mH
RTEN-5016(D)	3x16A	3x0.79mH
RTEN-5020(D)	3x20A	3x1.6mH
RTEN-5030(D)	3x30A	3x0.61mH
RTEN-5040	3x40A	3x0.91mH
RTEN-5050	3x50A	3x0.51mH
RTEN-5060	3x60A	3x0.36mH

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RTAN-5006(D)	3x6A	3x2.9mH		
RTAN-5010(D)	3x10A	3x1.3mH		
RTAN-5016(D)	3x16A	3x0.51mH		
RTAN-5020(D)	3x20A	3x1.0mH		
RTAN-5030(D)	3x30A	3x0.39mH		
RTAN-5040	3x40A	3x0.59mH		
RTAN-5050	3x50A	3x0.33mH		
RTAN-5060	3x60A	3x0.23mH		
RTCN-5006	3x6A	3x4.5mH		
RTCN-5010	3x10A	3x2.1mH		
RTCN-5016	3x16A	3x0.79mH		
RTCN-5020	3x20A	3x1.6mH		
RTCN-5030	3x30A	3x0.61mH		
RTCN-5040	3x40A	3x0.91mH		
RTCN-5050	3x50A	3x0.51mH		
RTCN-5060	3x60A	3x0.36mH		
RTEN-2006	3 x 6A	3 x 4.5mH	6 x 1uF	6 x 1Mohm
RTEN-2010	3 x 10A	3 x 2.1mH	6 x 1uF	6 x 1Mohm
RTEN-2016	3 x 16A	3 x 0.79mH	6 x 1uF	6 x 1Mohm
RTEN-2020	3 x 20A	3 x 1.6mH	6 x 1.5uF	6 x 1Mohm
RTEN-2030	3 x 30A	3 x 0.61mH	6 x 1.5uF	6 x 1Mohm
RTEN-2040	3 x 40A	3 x 0.91mH	6 x 3.3uF	6 x 0.47Mohm
RTEN-2050	3 x 50A	3 x 0.51mH	6 x 3.3uF	6 x 0.47Mohm
RTEN-2060	3 x 60A	3 x 0.36mH	6 x 3.3uF	6 x 0.47Mohm
RTEN-2080	3 x 80A	3 x 0.64mH	6 x 4.7uF	6 x 0.47Mohm
RTEN-2100	3 x 100A	3 x 0.64mH	6 x 4.7uF	6 x 0.47Mohm
RTEN-2150	3 x 150A	3 x 0.67mH	6 x 4.7uF	6 x 0.47Mohm
RTEN-2200	3 x 200A	3 x 0.42mH	6 x 4.7uF	6 x 0.47Mohm
RTEN-2250	3 x 250A	3 x 0.24mH	6 x 4.7uF	6 x 0.47Mohm
RTEN-2300	3 x 300A	3 x 0.11mH	6 x 4.7uF	6 x 0.47Mohm
RTHN-2006	3 x 6A	6 x 4.5mH		
RTHN-2010	3 x 10A	6 x 2.1mH		
RTHN-2016	3 x 16A	6 x 0.79mH		
RTHN-2020	3 x 20A	6 x 1.6mH		
RTHN-2030	3 x 30A	6 x 0.61mH		
RTHN-2040	3 x 40A	6 x 0.91mH		
RTHN-2050	3 x 50A	6 x 0.51mH		
RTHN-2060	3 x 60A	6 x 0.36mH		
RTHN-2080	3 x 80A	6 x 0.64mH		
RTHN-2100	3 x 100A	6 x 0.64mH		
RTHN-2150	3 x 150A	6 x 0.67mH		
RTHN-2200	3 x 200A	6 x 0.42mH		
RTHN-2250	3 x 250A	6 x 0.24mH		
RTHN-2300	3 x 300A	6 x 0.11mH		

RTEN-50\*\*D: DIN rail attachment assembled

RTAN-50\*\*D: DIN rail attachment assembled

## APPENDIX

### CENELEC ENEC Agreement Licence Ref. No. SE/07115-5G

Capacitors included shall be certified according to the standard EN/IEC 60384-14.

**Manufacturing site(s):** Guangxi Wuzhou City Pingzhou  
Electronics Co., Ltd.  
No. 81, Yong An Road, Longxu Town  
Longxu District, Wuzhou City  
Guangxi Province, 543100  
CHINA

This certificate replaces previously issued ref. No. SE/07115-5F dated 6 March 2018.  
A new certificate has been issued on account of added types RTEN-50\*\*D and RTAN-50\*\*D for DIN rail assembly.

*Certification Body* Intertek Semko AB, Product Certification *Place* Kista - Stockholm

*Signed*   
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Paul Klemets *Date* 30 October 2018