

Licence for



CENELEC ENEC Agreement Licence Ref. No. SE/07115-2F

Product:	Filter unit for radio interference suppression
Type designation:	RSEN-20**(L), RSAN-20**(L)
Test Report No.	1307089-01
Licence holder:	TDK-EPC Corporation 1-1, aza-Okinota, Kisakata-machi, Nikaho-shi, Akita 018-0193 JAPAN
The product complies with the standard(s):	EN 60939-1:2010 EN 60939-2:2005
Licence holder is authorized to use the mark with the following limitations:	-
Date of expiry:	31 December 2017

Additional information in Appendix

<i>Certification Body</i>	Intertek Semko AB, Product Certification	<i>Place</i>	Kista - Stockholm
<i>Signed</i>	 Pär Iggström	<i>Date</i>	1 July 2013
<i>Internal reference:</i>	SUL		

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/07115-2F****Test Report No.** 1307089-01**Technical data**

Type designation RSEN-20**
Rated voltage 250VAC
Frequency 50/60Hz
Rated current 3, 6, 10, 16, 20, 30, 40, 50, 60A
Capacitance 2 x 0.47, 2.2uF X2 + 2 x 4700pF Y2
Inductance 2 x 10.5, 10.6, 3.7, 1.8, 1.1, 0.45, 1.4, 0.9, 0.69mH
Resistance 2 x 2Mohm or 4 x 1Mohm
Rated temperature 55°C
Climatic category 25/100/21
Trade mark TDK-Lambda

Type designation RSEN-20**L
Rated voltage 250VAC
Frequency 50/60Hz
Rated current 3, 6, 10, 16, 20, 30, 40, 50, 60A
Capacitance 2 x 0.47, 2.2uF X2
Inductance 2 x 10.5, 10.6, 3.7, 1.8, 1.1, 0.45, 1.4, 0.9, 0.69mH
Resistance 2 x 2Mohm or 4 x 1Mohm
Rated temperature 55°C
Climatic category 25/100/21
Trade mark TDK-Lambda

Type designation RSAN-20**
Rated voltage 250VAC
Frequency 50/60Hz
Rated current 3, 6, 10, 16, 20, 30, 40, 50, 60A
Capacitance 2 x 0.47, 2.2uF X2 + 2 x 4700pF Y2
Inductance 2 x 6.8, 2.4, 1.2, 0.72, 0.29, 0.92, 0.59, 0.45mH
Resistance 2 x 2Mohm or 4 x 1Mohm
Rated temperature 55°C
Climatic category 25/100/21
Trade mark TDK-Lambda

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Type designation	RSAN-20**L
Rated voltage	250VAC
Frequency	50/60Hz
Rated current	3, 6, 10, 16, 20, 30, 40, 50, 60A
Capacitance	2 x 0.47, 2.2uF X2
Inductance	2 x 6.8, 2.4, 1.2, 0.72, 0.29, 0.92, 0.59, 0.45mH
Resistance	2 x 2Mohm or 4 x 1Mohm
Rated temperature	55°C
Climatic category	25/100/21
Trade mark	TDK-Lambda

Capacitors included:

X2	Y2
Okaya type LE	TDK type CS
Matsushita type ECQUL	

Alternative design:

RSEN-2003	2x0.47uFX2	2x10.5mH	2x2Mohm
RSEN-2006	2x0.47uFX2	2x10.6mH	2x2Mohm
RSEN-2010	2x0.47uFX2	2x3.7mH	2x2Mohm
RSEN-2016	2x0.47uFX2	2x1.8mH	2x2Mohm
RSEN-2020	2x0.47uFX2	2x1.1mH	2x2Mohm
RSEN-2030	2x0.47uFX2	2x0.45mH	2x2Mohm
RSEN-2040	2x2.2uFX2	2x1.4mH	4x1Mohm
RSEN-2050	2x2.2uFX2	2x0.9mH	4x1Mohm
RSEN-2060	2x2.2uFX2	2x0.69mH	4x1Mohm

RSEN-2003L	2x0.47uFX2	2x10.5mH	2x2Mohm
RSEN-2006L	2x0.47uFX2	2x10.6mH	2x2Mohm
RSEN-2010L	2x0.47uFX2	2x3.7mH	2x2Mohm
RSEN-2016L	2x0.47uFX2	2x1.8mH	2x2Mohm
RSEN-2020L	2x0.47uFX2	2x1.1mH	2x2Mohm
RSEN-2030L	2x0.47uFX2	2x0.45mH	2x2Mohm
RSEN-2040L	2x2.2uFX2	2x1.4mH	4x1Mohm
RSEN-2050L	2x2.2uFX2	2x0.9mH	4x1Mohm
RSEN-2060L	2x2.2uFX2	2x0.69mH	4x1Mohm

RSAN-2003	2x0.47uFX2	2x6.8mH	2x2Mohm
RSAN-2006	2x0.47uFX2	2x6.8mH	2x2Mohm
RSAN-2010	2x0.47uFX2	2x2.4mH	2x2Mohm
RSAN-2016	2x0.47uFX2	2x1.2mH	2x2Mohm
RSAN-2020	2x0.47uFX2	2x0.72mH	2x2Mohm
RSAN-2030	2x0.47uFX2	2x0.29mH	2x2Mohm
RSAN-2040	2x2.2uFX2	2x0.92mH	4x1Mohm
RSAN-2050	2x2.2uFX2	2x0.59mH	4x1Mohm
RSAN-2060	2x2.2uFX2	2x0.45mH	4x1Mohm

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RSAN-2003L	2x0.47uFX2	2x6.8mH	2x2Mohm
RSAN-2006L	2x0.47uFX2	2x6.8mH	2x2Mohm
RSAN-2010L	2x0.47uFX2	2x2.4mH	2x2Mohm
RSAN-2016L	2x0.47uFX2	2x1.2mH	2x2Mohm
RSAN-2020L	2x0.47uFX2	2x0.72mH	2x2Mohm
RSAN-2030L	2x0.47uFX2	2x0.29mH	2x2Mohm
RSAN-2040L	2x2.2uFX2	2x0.92mH	4x1Mohm
RSAN-2050L	2x2.2uFX2	2x0.59mH	4x1Mohm
RSAN-2060L	2x2.2uFX2	2x0.45mH	4x1Mohm

Manufacturing site(s):

EPCOS (Zhuhai) Co., Ltd
Nanxiang Road, Hongqi Town
Zhuhai City, Guangdong Province
CHINA

Guangxi Wuzhou City Pingzhou
Electronics Co., Ltd.
No. 268, Xinan Rd., Longxu Town
Cangwu Zone, 543100 Wuzhou
Guangxi Province
CHINA

This certificate replaces previously issued ref. No. SE/07115-2E dated 16 June 2010.
A new certificate has been issued on account of updated standard and added manufacturing site.

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