

LICENCE FOR



ENEC LICENCE REF NO. SE-ENEC-2201315

Filter unit for radio interference suppression

Type Designation: RTEN-5***, RTCN-5***, RTHN-5***, RTMN-5***, RTHC-5***, RTHB-5***

Licence Holder: TDK Corporation Electronic Components Business Company
Magnetics Business Group
1-11, Kabayachi, Kisakata-Machi
Nikaho-shi, Akita-ken 018-0146
Japan

The product complies with the standard(s): EN 60939-2:2005

**Licence holder is authorized to -
use the mark with the
following limitations:**

Date of expiry: 31 December, 2027

Certification Body: Intertek Semko AB, Product Certification

Place: Kista - Stockholm

Signed:

A handwritten signature in black ink, appearing to read 'L. Mattsson', is written over a horizontal line.

Leif Mattsson

Date: 24 October, 2022

APPENDIX: ENEC LICENCE REF NO.SE-ENEC-2201315

Test Report No. 2101053STO-001

Technical Data:

Type designation RTEN-5***
Rated voltage (V) 3 x 500VAC
Rated current (A) 80, 100, 150, 200, 250, 300A
Frequency (Hz) 50/60
Capacitance 6 x 4.7µF(X2) + 2 x 68nF(Y2)
Inductance 3 x 0.64, 0.67, 0.42, 0.24, 0.11mH
Resistance 6 x 470kohm
Rated temperature 50°C
Climate category 25/100/21
Trademark TDK-Lambda

Type designation RTCN-5***
Rated voltage (V) 3 x 500VAC
Rated current (A) 80, 100, 150, 200, 250, 300A
Frequency (Hz) 50/60
Inductance 3 x 0.64, 0.67, 0.42, 0.24, 0.11mH
Rated temperature 50°C
Climate category 25/100/21
Trademark TDK-Lambda

Type designation RTHN-5***
Rated voltage (V) 3 x 500VAC
Rated current (A) 6, 10, 16, 20, 30, 40, 50, 60, 80, 100, 150, 200, 250, 300A
Frequency (Hz) 50/60
Capacitance 9 x 1.5, 2.2, 4.7µF(X2) + 2 x 68nF(Y2)
Inductance 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
Resistance 9 x 0.47, 1Mohm
Rated temperature 50°C
Climate category 25/100/21
Trademark TDK-Lambda

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<i>Type designation</i>	RTMN-5***
<i>Rated voltage (V)</i>	3 x 500
<i>Rated current (A)</i>	6, 10, 16, 20, 30, 40, 50, 60A
<i>Frequency (Hz)</i>	50/60
<i>Capacitance</i>	9 x 1.5, 2.2, 4.7 μ F(X2) + 2 x 68nF(Y2)
<i>Inductance</i>	6 x 2.9, 1.3, 0.51, 1.0, 0.39, 0.59, 0.33, 0.23mH
<i>Resistance</i>	9 x 0.47, 1Mohm
<i>Rated temperature</i>	50°C
<i>Climate category</i>	25/100/21
<i>Trademark</i>	TDK-Lambda
<i>Type designation</i>	RTHC-5***
<i>Rated voltage (V)</i>	3 x 500VAC
<i>Rated current (A)</i>	6, 10, 16, 20, 30, 40, 50, 60, 80, 100, 150, 200, 250, 300A
<i>Frequency (Hz)</i>	50/60
<i>Capacitance</i>	9 x 1.5, 2.2, 4.7 μ F(X2) + 2 x 68nF(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 0.47, 1Mohm
<i>Rated temperature</i>	50°C
<i>Climate category</i>	25/100/21
<i>Trademark</i>	TDK-Lambda
<i>Type designation</i>	RTHB-5***
<i>Rated voltage (V)</i>	3 x 500VAC
<i>Rated current (A)</i>	6, 10, 16, 20, 30, 40, 50, 60, 80, 100, 150A
<i>Frequency (Hz)</i>	50/60
<i>Capacitance</i>	9 x 1.5, 2.2, 4.7 μ F(X2) + 2 x 68nF(Y2)
<i>Inductance</i>	6 x 4.5, 2.1, 0.79, 1.6, 0.61, 0.91, 0.51, 0.36, 0.64, 0.67mH
<i>Resistance</i>	9 x 0.47, 1Mohm
<i>Rated temperature</i>	50°C
<i>Climate category</i>	25/100/21
<i>Trademark</i>	TDK-Lambda

Capacitors included shall be certified according to the standard EN/IEC 60384-14:2013.

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Explanation of type designation:
Alternative design:

RTEN-5080	3x80A	3x0.64mH
RTEN-5100	3x100A	3x0.64mH
RTEN-5150	3x150A	3x0.67mH
RTEN-5200	3x200A	3x0.42mH
RTEN-5250	3x250A	3x0.24mH
RTEN-5300	3x300A	3x0.11mH

RTCN-5080	3x80A	3x0.64mH
RTCN-5100	3x100A	3x0.64mH
RTCN-5150	3x150A	3x0.67mH
RTCN-5200	3x200A	3x0.42mH
RTCN-5250	3x250A	3x0.24mH
RTCN-5300	3x300A	3x0.11mH

RTHN-5006	3x6A	6x4.5mH
RTHN-5010	3x10A	6x2.1mH
RTHN-5016	3x16A	6x0.79mH
RTHN-5020	3x20A	6x1.6mH
RTHN-5030	3x30A	6x0.61mH
RTHN-5040	3x40A	6x0.91mH
RTHN-5050	3x50A	6x0.51mH
RTHN-5060	3x60A	6x0.36mH
RTHN-5080	3x80A	6x0.64mH
RTHN-5100	3x100A	6x0.64mH
RTHN-5150	3x150A	6x0.67mH
RTHN-5200	3x200A	6x0.42mH
RTHN-5250	3x250A	6x0.24mH
RTHN-5300	3x300A	6x0.11mH

RTMN-5006	3x6A	6x2.9mH
RTMN-5010	3x10A	6x1.3mH
RTMN-5016	3x16A	6x0.51mH
RTMN-5020	3x20A	6x1.0mH
RTMN-5030	3x30A	6x0.39mH
RTMN-5040	3x40A	6x0.59mH
RTMN-5050	3x50A	6x0.33mH
RTMN-5060	3x60A	6x0.23mH

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RTHC-5006 3x6A 6x4.5mH
RTHC-5010 3x10A 6x2.1mH
RTHC-5016 3x16A 6x0.79mH
RTHC-5020 3x20A 6x1.6mH
RTHC-5030 3x30A 6x0.61mH
RTHC-5040 3x40A 6x0.91mH
RTHC-5050 3x50A 6x0.51mH
RTHC-5060 3x60A 6x0.36mH
RTHC-5080 3x80A 6x0.64mH
RTHC-5100 3x100A 6x0.64mH
RTHC-5150 3x150A 6x0.67mH
RTHC-5200 3x200A 6x0.42mH
RTHC-5250 3x250A 6x0.24mH
RTHC-5300 3x300A 6x0.11mH

RTHB-5006 3x6A 6x4.5mH
RTHB-5010 3x10A 6x2.1mH
RTHB-5016 3x16A 6x0.79mH
RTHB-5020 3x20A 6x1.6mH
RTHB-5030 3x30A 6x0.61mH
RTHB-5040 3x40A 6x0.91mH
RTHB-5050 3x50A 6x0.51mH
RTHB-5060 3x60A 6x0.36mH
RTHB-5080 3x80A 6x0.64mH
RTHB-5100 3x100A 6x0.64mH
RTHB-5150 3x150A 6x0.67mH

Manufacturing Sites: Guangxi Real Faith Pingzhou Electronics Co., Ltd.
No. 81, Yong An Road, Longxu Town
Longxu District, Wuzhou City
Guangxi 543100 China

This certificate replaces previously issued ref. No. SE/07115-4G dated 06 March 2018. A new certificate has been issued on account of expired valid date.

Certification Body: Intertek Semko AB, Product Certification

Place: Kista - Stockholm

Signed:



Date: 24 October, 2022

Leif Mattsson