

LICENCE FOR



ENEC LICENCE REF NO. SE-ENEC-2201316

Filter unit for radio interference suppression

Type Designation: RTEN-50**(D), RTAN-50**(D), RTCN-50**, RTEN-2***, RTHN-2***

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 'Leif Mattsson', is written over a horizontal line.

Leif Mattsson

Date: 24 October, 2022

APPENDIX: ENEC LICENCE REF NO.SE-ENEC-2201316

Test Report No. 2101055STO-001, 2101055STO-002

Technical Data:

Type designation RTEN-50**(D)
Rated voltage (V) 3 x 500V AC
Rated current (A) 6, 10, 16, 20, 30, 40, 50, 60A
Frequency (Hz) 50/60
Capacitance 6 x 1.0, 1.5, 3.3 μ F(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
Trademark TDK-Lambda

Type designation RTAN-50**(D)
Rated voltage (V) 3 x 500V AC
Rated current (A) 6, 10, 16, 20, 30, 40, 50, 60A
Frequency (Hz) 50/60
Capacitance 6 x 1.0, 1.5, 3.3 μ F(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
Trademark TDK-Lambda

Type designation RTCN-50**
Rated voltage (V) 3 x 500V AC
Rated current (A) 6, 10, 16, 20, 30, 40, 50, 60A
Frequency (Hz) 50/60
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
Trademark TDK-Lambda

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<i>Type designation</i>	RTEN-2***
<i>Rated voltage (V)</i>	3 x 250V AC
<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>	6 x 1.0, 1.5, 3.3, 4.7 μ F(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>	25/100/21
<i>Trademark</i>	TDK-Lambda

<i>Type designation</i>	RTHN-2***
<i>Rated voltage (V)</i>	3 x 250V AC
<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 1.0 μ F(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>	25/100/21
<i>Trademark</i>	TDK-Lambda

Explanation of type designation:

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

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

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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 1µF	6 x 1Mohm
RTEN-2010	3 x 10A	3 x 2.1mH	6 x 1µF	6 x 1Mohm
RTEN-2016	3 x 16A	3 x 0.79mH	6 x 1µF	6 x 1Mohm
RTEN-2020	3 x 20A	3 x 1.6mH	6 x 1.5µF	6 x 1Mohm
RTEN-2030	3 x 30A	3 x 0.61mH	6 x 1.5µF	6 x 1Mohm
RTEN-2040	3 x 40A	3 x 0.91mH	6 x 3.3µF	6 x 0.47Mohm
RTEN-2050	3 x 50A	3 x 0.51mH	6 x 3.3µF	6 x 0.47Mohm
RTEN-2060	3 x 60A	3 x 0.36mH	6 x 3.3µF	6 x 0.47Mohm
RTEN-2080	3 x 80A	3 x 0.64mH	6 x 4.7µF	6 x 0.47Mohm
RTEN-2100	3 x 100A	3 x 0.64mH	6 x 4.7µF	6 x 0.47Mohm
RTEN-2150	3 x 150A	3 x 0.67mH	6 x 4.7µF	6 x 0.47Mohm
RTEN-2200	3 x 200A	3 x 0.42mH	6 x 4.7µF	6 x 0.47Mohm
RTEN-2250	3 x 250A	3 x 0.24mH	6 x 4.7µF	6 x 0.47Mohm
RTEN-2300	3 x 300A	3 x 0.11mH	6 x 4.7µF	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

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

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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/07115-5G dated 30 October 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