RSAN SERIES

Multipurpose Single-Phase Filter Compatible with High-Voltage Pulse

■ FEATURES

- Amorphous core is used as the common mode coil core for the RSEN series, which helps prevent devise error.
- Self-tightening screws and an open/close type cover make wiring work easier.
- Optional low-leakage current characteristic type and DIN rail installation compatible type are also available.
- Compliant with RoHS directives.

■ SAFETY STANDARDS

UL1283	File No. E62388
CSA C22.2 No.8	File No. 208777
EN60939	Licence Ref. No. SE/07115-2

■ PRODUCT IDENTIFICATION

RSAN –2 ∗∗∗ □

- N/A：Standard Type
- D ：DIN rail installation compatible type (Up to 30A)
- L ：Low-leakage current characteristic type (Up to 30A)

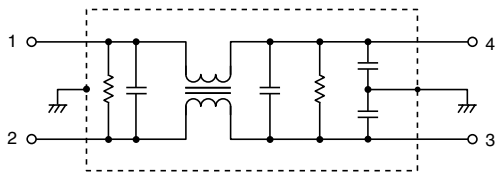
Rated current

Number indicating the rated voltage

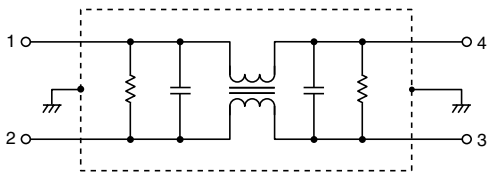
Series name

■ CIRCUIT DIAGRAMS

RSAN-2 ∗∗∗
RSAN-2 ∗∗∗ D



RSAN-2 ∗∗∗ L



- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

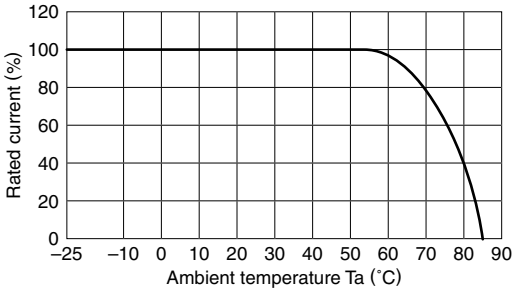
- All specifications are subject to change without notice.

■ ELECTRICAL CHARACTERISTICS

Part No.	Rated voltage (AC/DC)	Rated current (AC/DC)	Withstand voltage	Insulation resistance	Leakage current	Operating temperature range	With derating over	DC resistance (mΩ)	Attenuation frequency range (MHz)	
									Common mode	Differential mode
									at 25dB	at 25dB
RSAN-2003	250V	3A	AC.2500V 60s [Between line to ground]	100MΩ min. [DC.500V/ 1min.]	1.0mA max. [250V/60Hz]	-25 to +85℃	55℃	250 max.	0.1 to 10	0.1 to 30
RSAN-2006		6A						110 max.	0.1 to 10	0.1 to 30
RSAN-2010		10A						40 max.	0.3 to 10	0.2 to 30
RSAN-2016		16A						20 max.	0.8 to 10	0.3 to 30
RSAN-2020		20A						10 max.	1 to 10	0.3 to 30
RSAN-2030		30A						6 max.	2 to 10	0.4 to 30
RSAN-2040		40A						6 max.	0.8 to 10	0.1 to 30
RSAN-2050		50A						4 max.	1 to 10	0.1 to 30
RSAN-2060		60A						3 max.	2 to 10	0.2 to 30

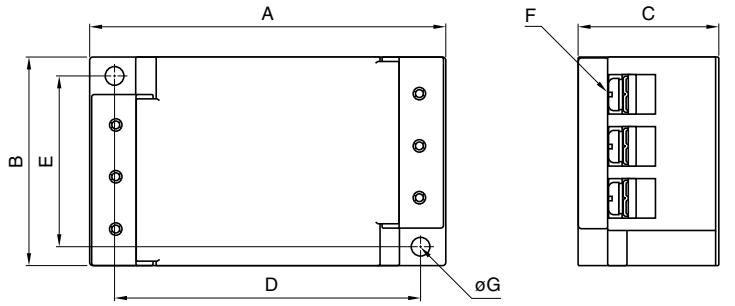
Part No.	Rated voltage (AC/DC)	Rated current (AC/DC)	Withstand voltage	Insulation resistance	Leakage current	Operating temperature range	With derating over	DC resistance (mΩ)	Attenuation frequency range (MHz)		
									Common mode		Differential mode
									at 20dB	at 10dB	at 25dB
RSAN-2003L	250V	3A	AC.2500V 60s [Between line to ground]	100MΩ min. [DC.500V/ 1min.]	10μA max. [250V/60Hz]	-25 to +85℃	55℃	250 max.	0.1 to 3	-	0.1 to 30
RSAN-2006L		6A						110 max.	0.1 to 3	-	0.1 to 30
RSAN-2010L		10A						40 max.	0.5 to 6	-	0.2 to 30
RSAN-2016L		16A						20 max.	-	0.3 to 10	0.3 to 30
RSAN-2020L		20A						10 max.	-	0.5 to 8	0.3 to 30
RSAN-2030L		30A						6 max.	-	3 to 20	0.4 to 30

■ DERATINGS

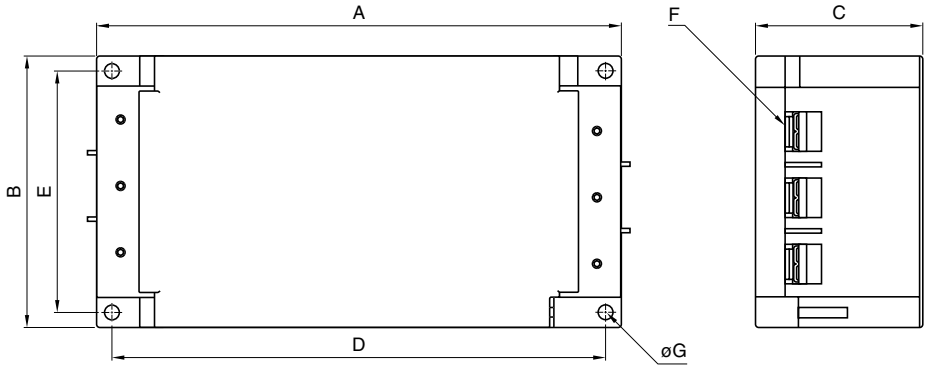


■ SHAPES AND DIMENSIONS

RSAN-2003/2006/2010/2016/2020/2030



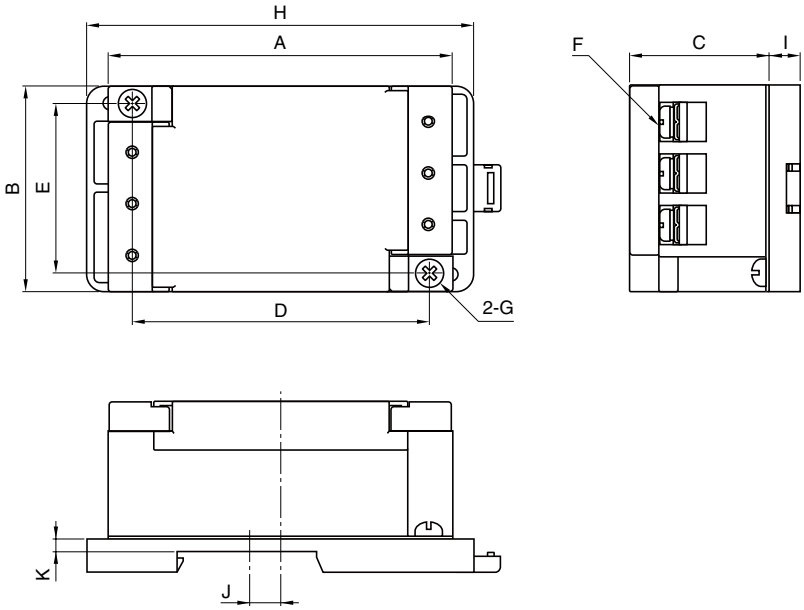
RSAN-2040/2050/2060



Dimensions in mm

Part No.	A	B	C	D	E	F	φG	Recommended clamping torque
RSAN-2003	87	52	35	75	43	M4	4.5	1.27N・m
RSAN-2006								
RSAN-2010								
RSAN-2016								
RSAN-2020								
RSAN-2030								
RSAN-2040	170	90	54	160	80	M5	4.5	2.5N・m
RSAN-2050								
RSAN-2060								

RSAN-2003D/2006D/2010D/2016D/2020D/2030D

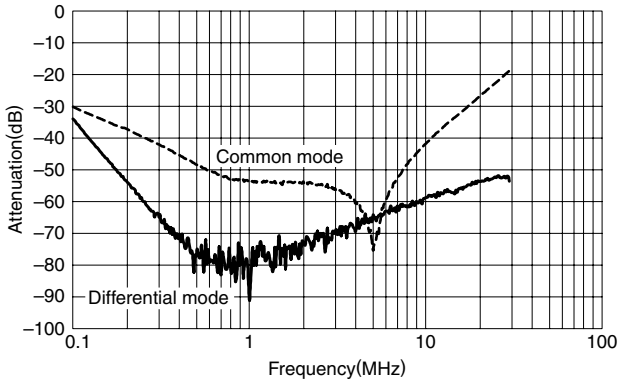


Dimensions in mm

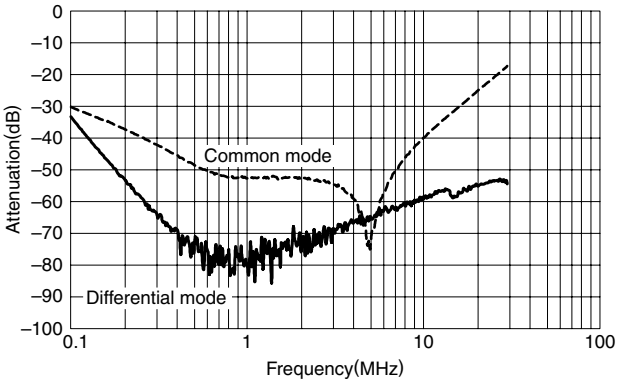
Part No.	A	B	C	D	E	F	G	H	I	J	K
RSAN-2003D	87	52	35	75	43	M4	M4	98	8.4	8.5	3.5
RSAN-2006D											
RSAN-2010D											
RSAN-2016D											
RSAN-2020D											
RSAN-2030D											

■ ATTENUATION vs. FREQUENCY CHARACTERISTICS

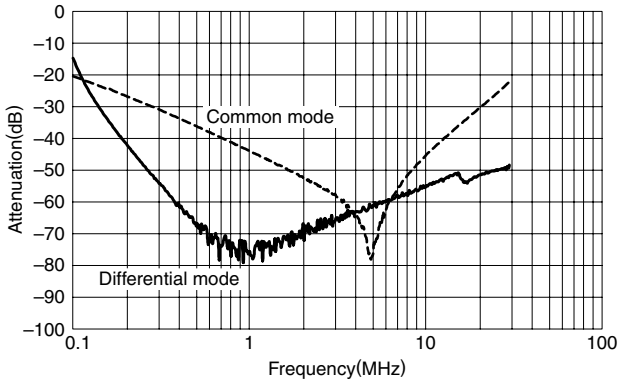
RSAN-2003



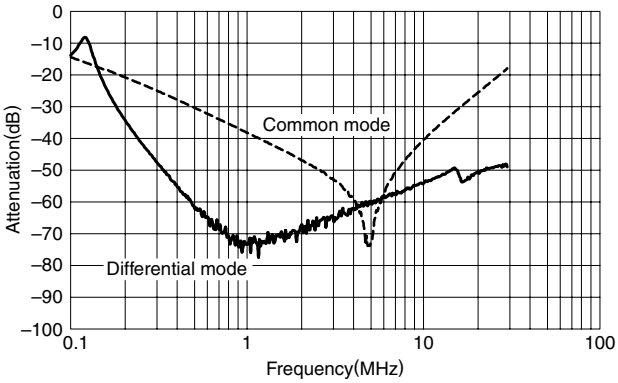
RSAN-2006



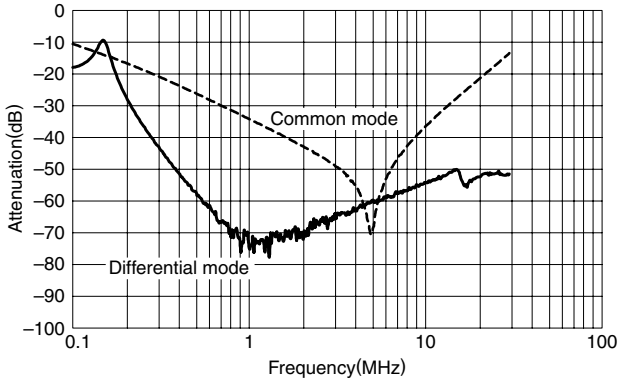
RSAN-2010



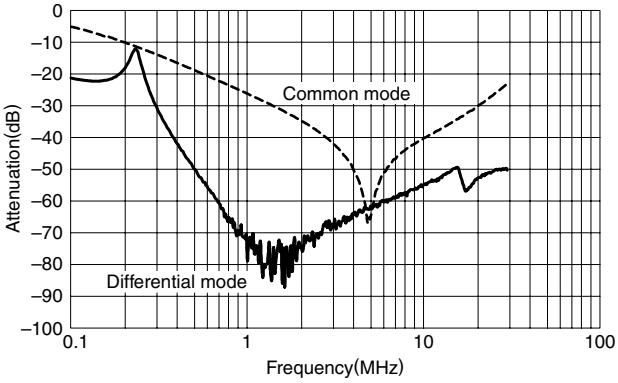
RSAN-2016



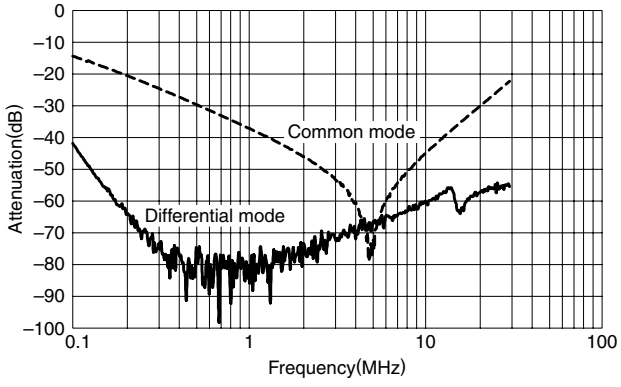
RSAN-2020



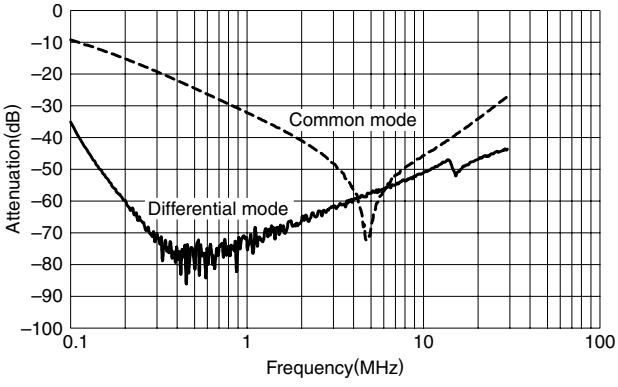
RSAN-2030



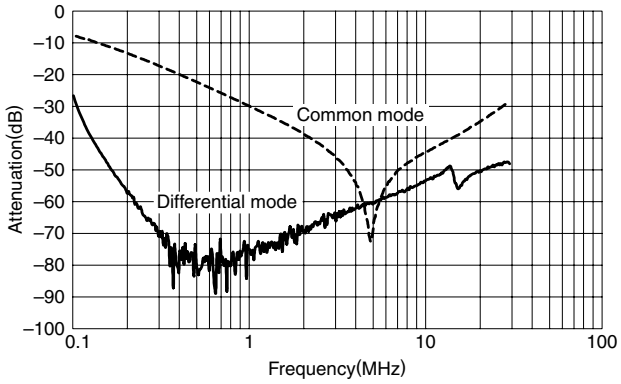
RSAN-2040



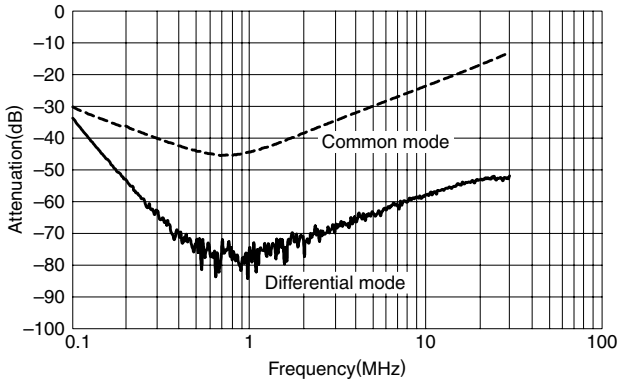
RSAN-2050



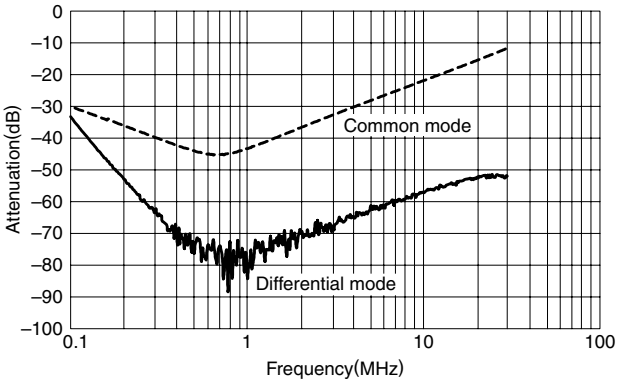
RSAN-2060


0
–10
–20
–30
–40
–50
–60
–70
–80
–90
–100
Attenuation(dB)
Common mode
Differential mode
0.1
1
10
100
Frequency(MHz)

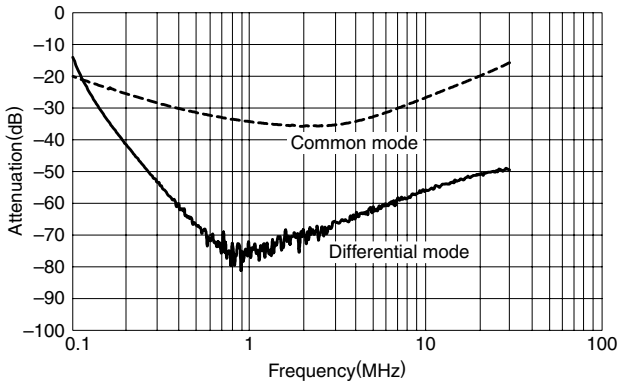
RSAN-2003L



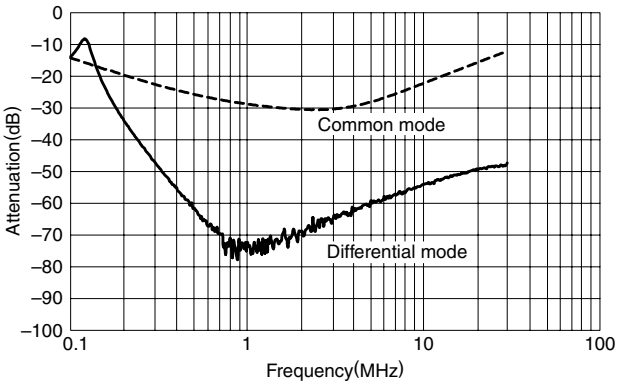
RSAN-2006L



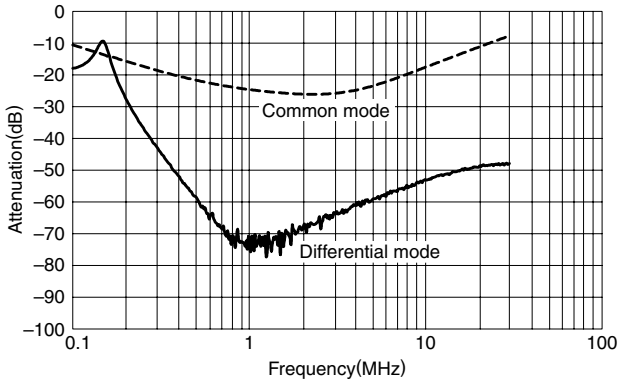
RSAN-2010L



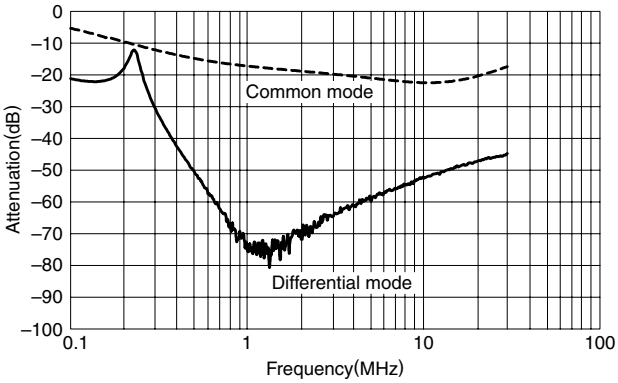
RSAN-2016L



RSAN-2020L



RSAN-2030L



LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
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- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

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- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

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- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

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