Cosel is one of the world's leading power supply manufac high-quality, ultra small size AC-DC pr DC-DC converters of the state-of-the-art technologies, and easy-to-us

English | Japanese | Chinese | Korean | German | French | Home > Product Information > Noise Filters >SNR Series O PRODUCT INFORMATION Selection Selection SIRRESE SIRRES SIRRES

Ripple noise attenuation for switch mode power supplies. Most suitable for analog circuits.

Product Lineup

| SNR(10A) |

 CATALOG DATA DOWN LOAD
<u>Specifications, circuit diagram and derating curve</u> <u>External view</u>

Characteristic data • Instruction manual • About noise filters

SNR Series : Ripple noise attenuation type for switch mode power supplies(DC)

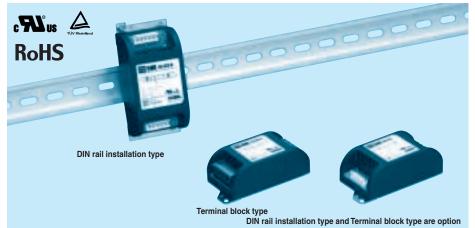
- Features
 - 50 VDC
 - Best filter for switch mode power supplies of analog circuits
 - DIN rail installation type(Option)
- Safety agency approvals
 - UL60950-1
 - C-UL(CSA60950-1)
 - EN60950-1
- Environment
 - RoHS directive
- 5-year warranty

COSEL Ripple noise attenuation type for switch mode power supplies(DC)

Ordering information

R series (10A

-10 -223 SNR



1 Model Name 2 Rated Current

③Line to ground capacitor code:See table 1.1.

table1.1 Line to ground capacitor code

Code	Line to ground capacitor (nominal value)	
000	Not Provided	
223	22000pF	

④Options

D :DIN rail installation type T :Terminal block type

DT:Terminal block and DIN rail type

* The dimensions change when the option is set. Refer to External view.

Features of SNR series (10A)

Ripple noise attenuation type for switch mode power supplies(DC)

· 50 VDC

· Best filter for switch mode power supplies of analog circuits

Derating Curve

-30

-20

-10

0 40 Ambient Temperature [°C]

50 60 70 71 80

100

80

60 50

40 20 0

-40

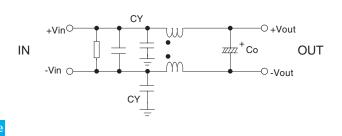
Load Factor [%]

Specifications

No.	Items	SNR-10-223	
NO.	Items	Interface:Connector	
1	Rated Voltage DC[V]	50	
2	Rated Current DC[A] *1	10 (Peak 20)	
3	Test Voltage (Terminal-Mounting Plate)	500 VAC (Cutoff Current = 100mA), 1minute at room temperature and humidity	
4	Isolation Resistance (Terminal-Mounting Plate)	500 VDC 50M $\!\Omega$ min at room temperature and humidity	
5	D.C Resistance[m Ω]	20 max	
6	Operating temperature	-40 to +71°C (Refer to Derating Curve)	
7	Operating humidity	20 to 95%RH (Non condensing)	
8	Storage temperature/humidity	-40 to +75°C/20 to 95%RH (Non condensing)	
9	Vibration	10 to 55Hz, 19.6m/s ² (2G), 3min. Period, 1hour each X, Y and Z axis	
10	Impact	196.1m/s ² (20G), 11ms Once each X, Y and Z axis	
11	Safety agency approvals	UL60950-1, C-UL (CSA60950-1), EN60950-1	
12	Case size (without projection) /Mass	52 × 35 × 117 mm (W × H × D) /140g max (Option : -D, -T, -DT refer to external view)	

*1 Peak current for 10 sec. And Duty 35% max, refer to Instruction Manual 5. In detail.





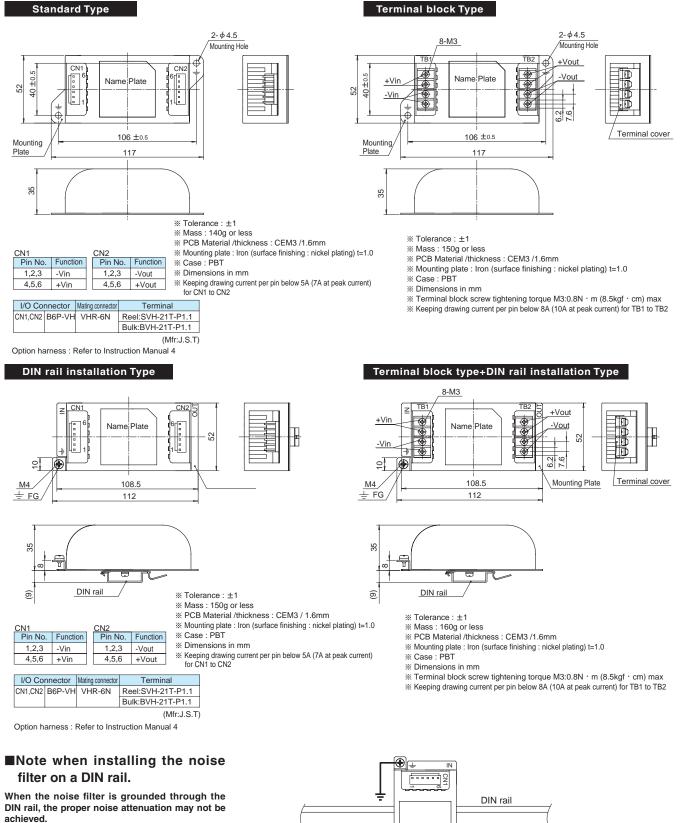
Noise Filter

CY : Line to ground capacitor Co : Electrolytic capacitor $\frac{1}{2}$: Mounting Plate

Expected life : 10 years

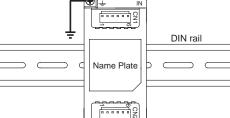
SNR series (10A)





Be sure to connect the FG terminal of the noise filter body to the earth.

External view



Noise Filter

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cosel:

<u>SNR-10-223</u> <u>SNR-10-223-D</u> <u>SNR-10-223-DT</u> <u>SNR-10-223-T</u> <u>SNR-10-000</u> <u>SNR-10-000-D</u> <u>SNR-10-000-DT</u> <u>SNR-10</u>