# Shieldtechnic

## **F202C** Single Phase AC Filters

# Similar can be

#### Features

- Multi-stage filter
- Rated currents from 1A to 200A
- Very high differential and common-mode attenuation
- Type A and Type B
- Easy to install

#### Typical applications

- Electrical and electeic equipment
- Consumer goods
- Industry applications
- Medical equipment

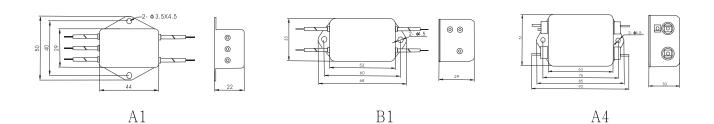
#### Technical spcifications

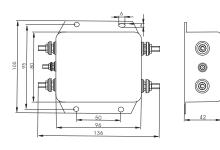
Rated voltage	250VAC
Rated frequency	50/60Hz
Test voltage line to line	1500VDC
Test voltage lime to ground	1500VDC
Insulation resistance	>50 MΩ@500VDC
Temperature rise	<b>&lt;30</b> °C
Climate category (IEC 60068-1)	25/100/21

#### Filter selection table

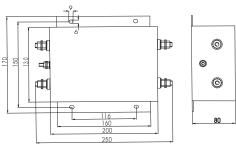
Part No.	Rated	Leakage	Dimension	Terr	ninal	Electeical Schematics
	Current	Current		Input	Output	
F202C-1A-A1	1A	<0.5mA	A1			
F202C-3A-B1	3A	<0.5mA	B1			
F202C-6A-B1	6A	<1.0mA	B1	L		
F202C-10A-A4	10A	<1.0mA	A4	L		
F202C-20A-A7	20A	<1.0mA	Α7	≜	≞	
F202C-50A-B2	50A	<2.0mA	B2	≜	≞	Figure C
F202C-100A-B3	100A	<3.0mA	В3	≜	≞	
F202C-200A-B4	200A	<3.0mA	B4	≜	≞	

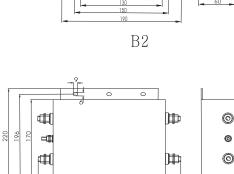
#### Outline Drawing and Dimensions(mm)











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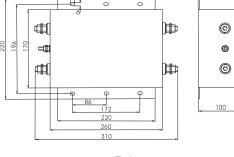
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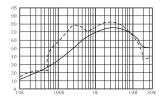


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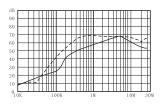
#### Insertion Loss

- Common Mode

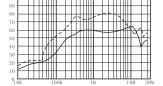
#### ----- Differential Mode



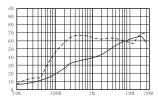
F202C-1A-A1



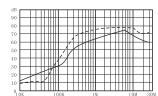
F202C-20A-A7



F202C-3A-B1

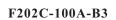


F202C-50A-B2



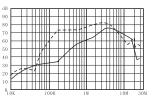
F202C-6A-B1

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#### F202C-10A-A4



F202C-200A-B4

# Shieldtechnic

### F202D, F202E Single Phase AC Filters

# SHIELDTECHNIC POZEAKA

#### Features

- Multi-stage filter
- Rated currents from 1A to 100A
- Very high differential and common-mode attenuation
- Type A and Type B
- Easy to install

#### Typical applications

- Electrical and electeic equipment
- Consumer goods
- Industry applications
- Medical equipment

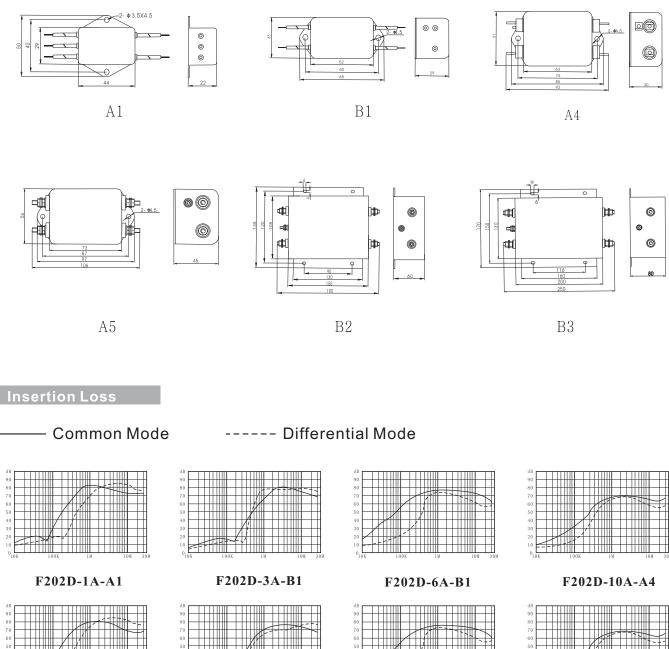
#### Technical spcifications

250VAC
50/60Hz
1500VDC
1500VDC
>50 MΩ@500VDC
<30℃
25/100/21

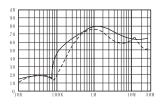
#### Filter selection table

Part No.	Rated	Leakage	Dimension	Tern	ninal	Electeical Schematics
	Current	Current		Input	Output	
F202D-1A-A1	1A	<0.5mA	A1	8	8	Lo 0 L
F202D-3A-B1	3A	<0.5mA	B1	8	Ē	· · · · · · · · · · · · · · · · · · ·
F202D-6A-B1	6A	<0.5mA	B1	Ē	Ē	
F202D-10A-A4	10A	<0.5mA	A4	Ŀ		Figure D
F202E-1A-A1	1A	<1.0mA	A1	8	Ē	
F202E-3A-B1	3A	<1.0mA	B1	8	8	
F202E-6A-B1	6A	<1.0mA	B1	8	Ē	Loo L
F202E-6A-A4	6A	<1.0mA	A4	L		G°¯±¯+ ◯ ¯+ Ū¯+¯⊥ ◯ ¯+¯+¯⊥
F202E-10A-A4	10A	<1.0mA	A4			
F202E-20A-A5	20A	<1.0mA	A5	≜	鱼	Figure E
F202E-50A-B2	50A	<2.0mA	B2	≜	鱼	
F202E-100A-B3	100A	<2.0mA	В3	≜	鱼	

#### Outline Drawing and Dimensions(mm)



F202E-1A-A1



F202E-20A-A5

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F202E-3A-B1

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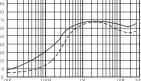
F202E-50A-B2

F202E-6A-A4

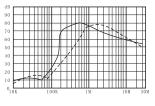
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F202E-100A-B3



F202E-10A-A4



F202E-6A-B1

# Shieldtechnic

### **F202F** Single Phase AC Filters

# SHELDTECHNIC Page 100-57

#### Features

- Multi-stage filter
- Rated currents from 1A to 50A
- Very high differential and common-mode attenuation
- Type A and Type B
- Easy to install

#### Typical applications

- Electrical and electeic equipment
- Consumer goods
- Industry applications
- Medical equipment

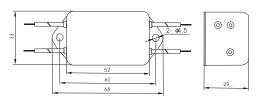
#### Technical spcifications

250VAC
50/60Hz
1500VDC
1500VDC
>50 MΩ@500VDC
<30°C
25/100/21

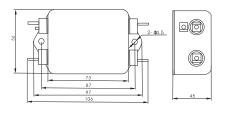
#### Filter selection table

Part No.	Rated	Leakage	Dimension	Tern	ninal	Electeical Schematics
	Current	Current		Input	Output	
F202F-1A-B1	1A	<1.0mA	B1	8	ē	
F202F-3A-A4	3A	<1.0mA	A4	L		
F202F-6A-A5	6A	<1.0mA	A5	L		Lo <u>++</u> ,+,
F202F-6A-A6	6A	<1.0mA	A6	L		
F202F-10A-A7	10A	<2.0mA	Α7	≜	≞	No Figure F
F202F-20A-A7	20A	<2.0mA	Α7	鱼	≞	Figure F
F202F-30A-B3	30A	<2.0mA	В3	蛊	≜	
F202F-50A-B3	50A	<2.0mA	B3	≜	≞	

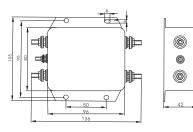
#### Outline Drawing and Dimensions(mm)



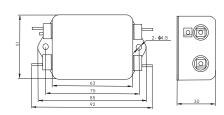
Β1



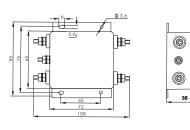




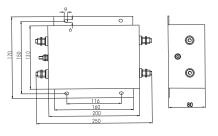
Α7





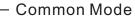


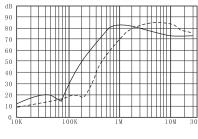
A6



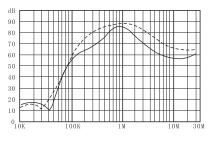
Β3

#### Insertion Loss



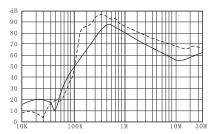


F202F-1A-B1

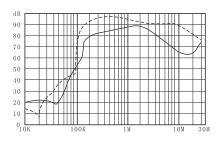


F202F-10A-A7

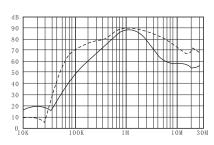
----- Differential Mode



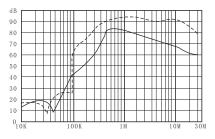
F202F-3A-A4



F202F-20A-A7



F202F-6A-A5



F202F-50A-B3