

# NF3000C-SVA Series (RoHS Compliant )

3-phase 3-line 500VAC

The smallest footprint in the class



50A

UL1283/CSA C22.2 No8(C-UL) (file No.E102708)  
EN60939-2 (file No.R50147282)

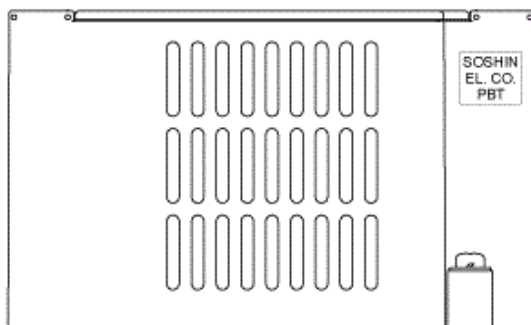
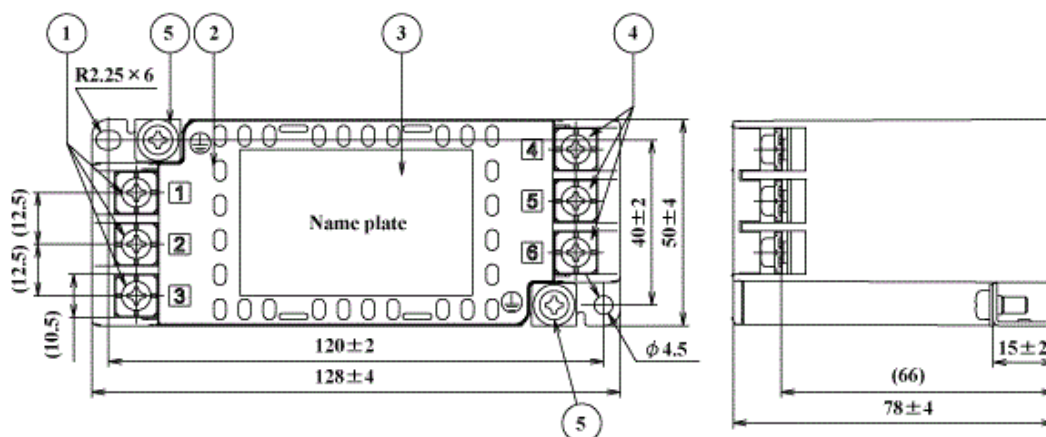
## Applications

Machining Center, General-purpose Inverter, AC Servo

## Specifications

| Parts No.       | Rated Current                                 | Weight |      |
|-----------------|---|--------|------|
| NF3010C-SVA     | 10A   | 0.6Kg  | fig1 |
| NF3020C-SVA     | 20A   | 0.7Kg  |      |
| NF3030C-SVA     | 30A   | 0.7Kg  |      |
| NF3040C-SVA     | 40A   | 1.1Kg  | fig2 |
| NF3050C-SVA     | 50A   | 1.1Kg  |      |
| NF3060C-SVA     | 60A   | 1.1Kg  | fig3 |
| NF3080C-SVA     | 80A   | 2.6Kg  |      |
| NF3100C-SVA     | 100A  | 2.7Kg  | fig4 |
| NF3150C-SVA     | 150A  | 4.3Kg  |      |
| NF3180C-SVA     | 180A  | 4.3Kg  | fig5 |
| NF3200C-SVA     | 200A  | 6.9Kg  |      |
| NF3250C-SVA     | 250A  | 8.1Kg  |      |
| NF3300C-SVA     | 300A  | 8.1Kg  |      |
| Rated Voltage   | 530VAC max                                    |        |      |
| Leakage Current | 10-180A: 2.5mA/200-300A: 10mA max 400VAC 50Hz |        |      |
| Ambient temp.   | -20 up to 50 Deg.C                            |        |      |

fig.1 (10-30A)



| No | Part name       | Note |
|----|-----------------|------|
| 1  | Input terminal  | M4   |
| 2  | Case            | PBT  |
| 3  | Name plate      |      |
| 4  | Output terminal | M4   |
| 5  | Earth terminal  | M4   |

fig.2 (40-60A)

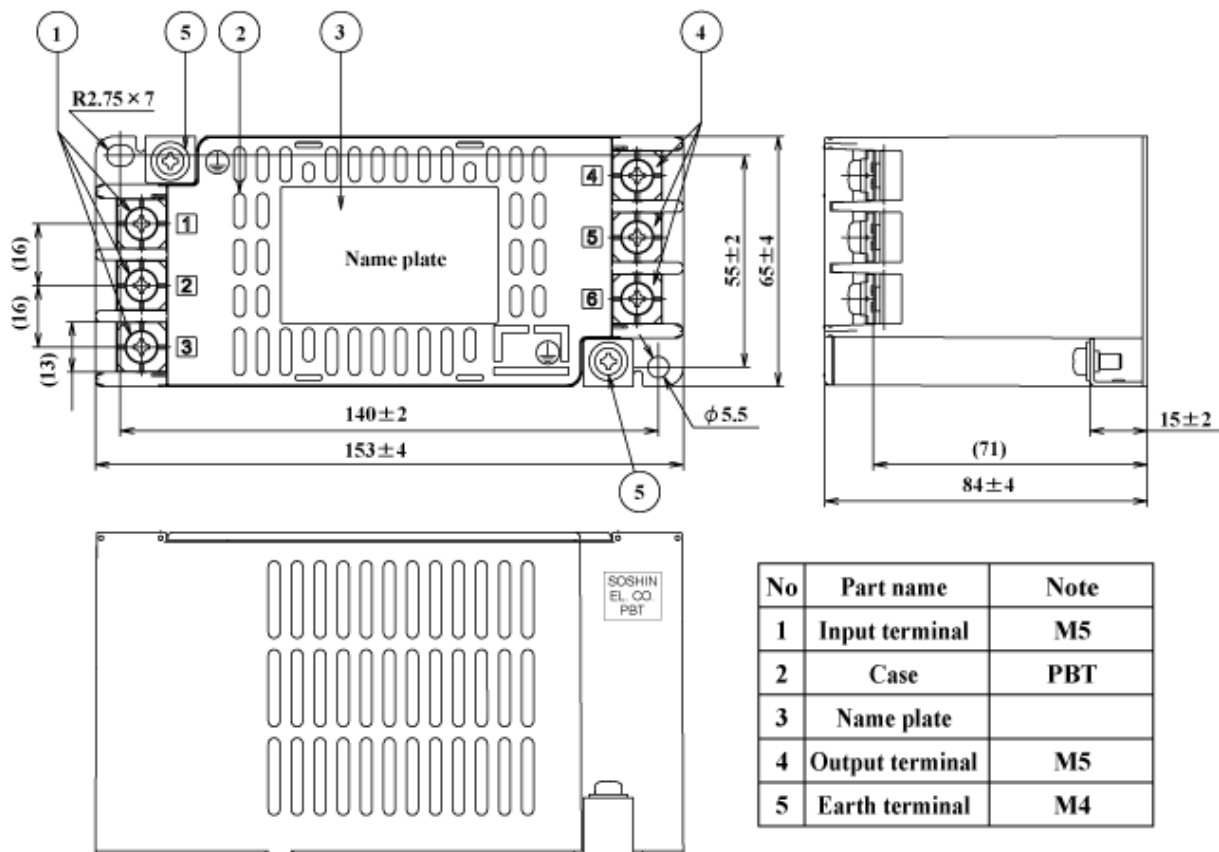


fig.3 (80A, 100A)

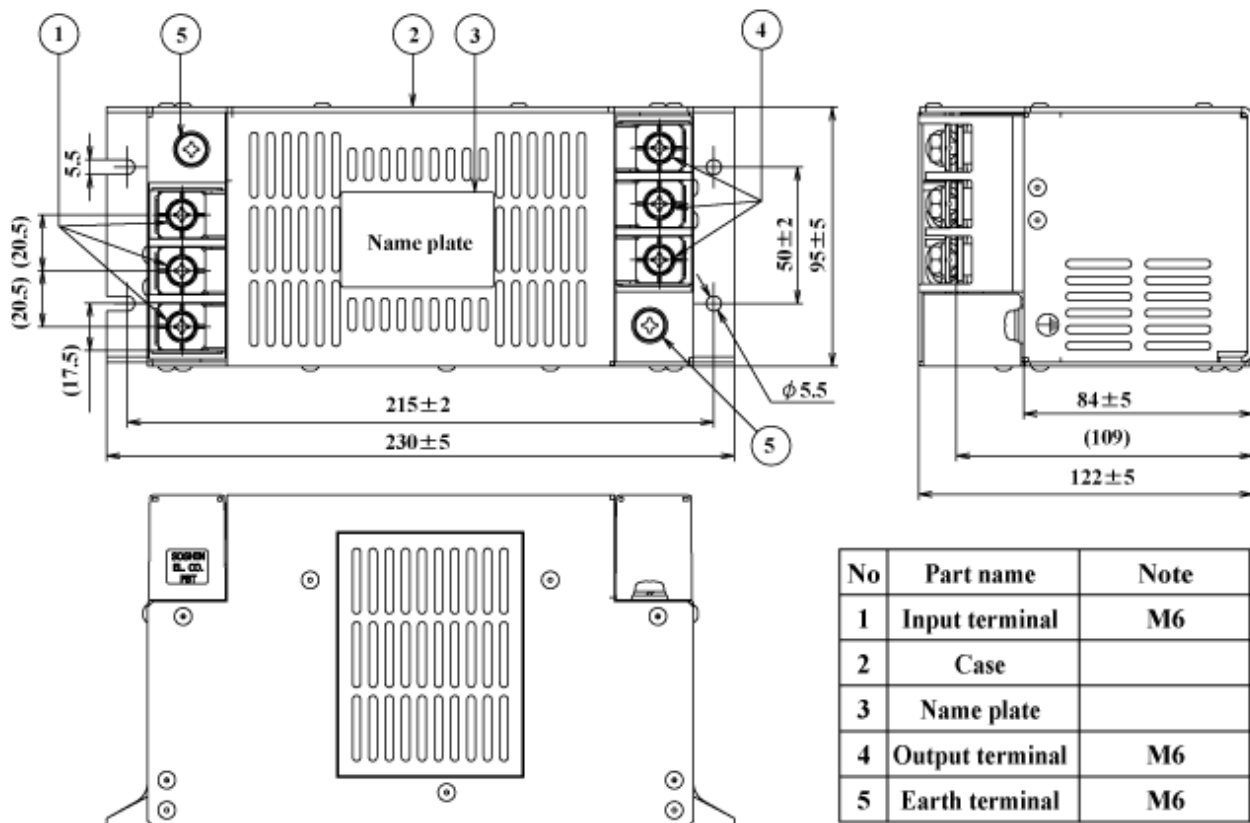


fig.4 (150A, 180A)

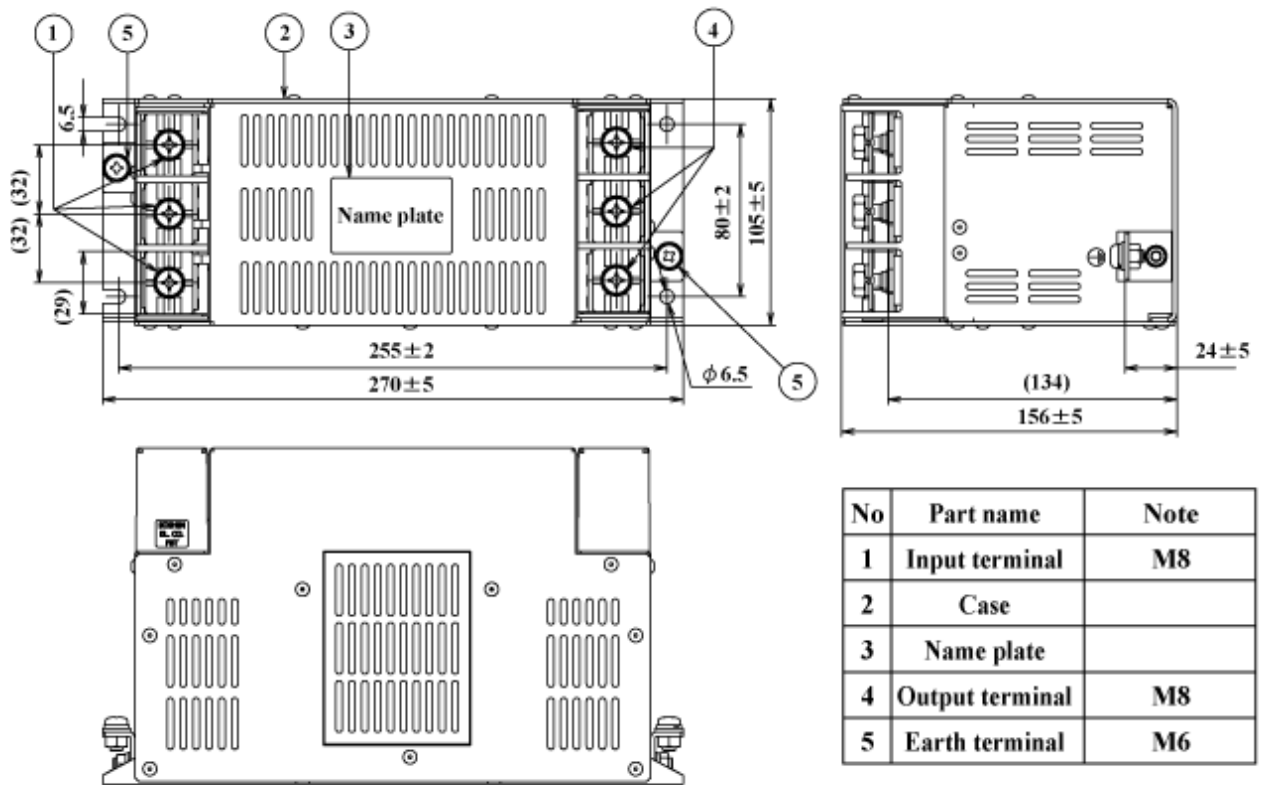
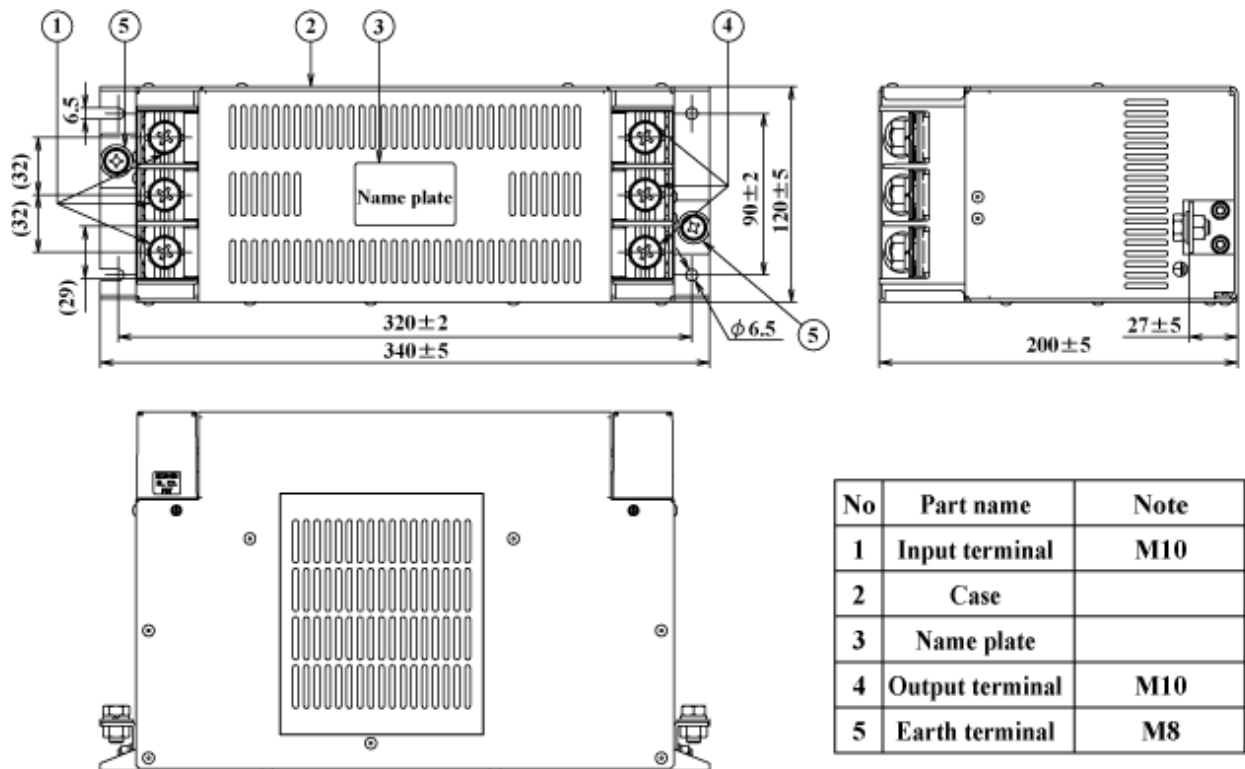
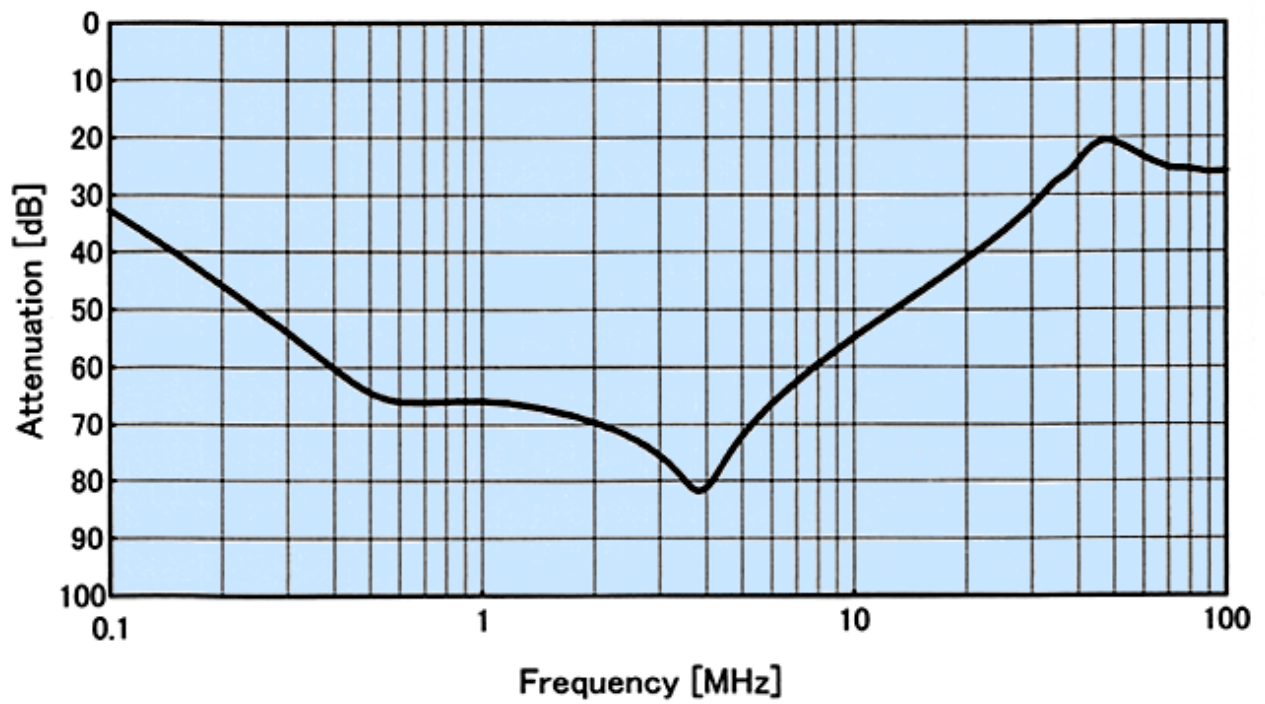


fig.5 (200-300A)



## Characteristics (Typical) (NF3050C-SVA)



## Circuit Diagram

