

THREE-PHASE NOISE FILTER

3SUPF-DE (80~300) SERIES



5

Features

- Low profile
- Three-phase filter delta (250Vac)
- The capacitance of Y cap is selectable

Applications

• Inverter power supplies, UPS, NC controlled machineries



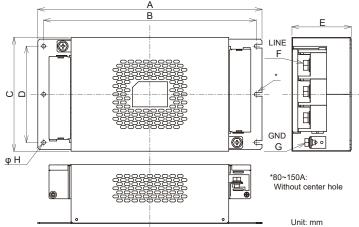
• Circuit

| | Safety Standard | File No. | | |
|------|-----------------|-------------------|--|--|
| UL | :UL-1283 | E78644 | | |
| cUL | :CSA C22.2 No.8 | ⊑70044 | | |
| ENEC | :EN60939-3 | SE-ENEC-2201018R1 | | |

The "ENEC" mark is a common European product certification mark based on *File No. may be revised without notice. Please contact us at the time of your request for certifications.



• Dimensions



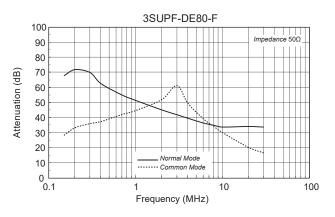
| Model Number | Dimensions (mm) | | | | | | | |
|---------------|-----------------|-----|-----|-----|-----|-----|----|-----|
| | Α | В | С | D | Е | F | G | Н |
| 3SUPF-DE80-F | 273 | 257 | 160 | 135 | 85 | M8 | M6 | 6.5 |
| 3SUPF-DE100-F | 213 | | | | | | | |
| 3SUPF-DE150-F | 287 | 269 | 190 | 165 | 86 | | | |
| 3SUPF-DE200-F | | 364 | 195 | | 102 | M10 | M8 | |
| 3SUPF-DE250-F | 384 | | | | | | | |
| 3SUPF-DE300-F | | | | | | | | |

Electrical Specifications

| Safet Standa | | Rated Current (A) | Test Voltage *2 | Insulation Resistance | Leakage Current *3 max. | Voltage Drop max. | Temperature Rise max. | Operating Temperature (°C) | Weight typ.(kg) | | |
|--------------------------------|---------------|-------------------------|---|---|-------------------------------|-------------------------|-----------------------------|--|--------------------|--|--|
| с ЯЛ ия Ш14 Д | 3SUPF-DE80-F | 80 | Line to Case 2,500Vac 50/60Hz 60sec | Line to case 100MΩmin (at 500Vdc) | 2.8mA (at 250Vac 60Hz) | 1.0Vac | 60K | -25 ~ +50 (Derating of current from 50 to 85°C) | 4.2 | | |
| | 3SUPF-DE100-F | 100 | | | | | | | 4.2 | | |
| | 3SUPF-DE150-F | 150 | | | | | | | 6.0 | | |
| | 3SUPF-DE200-F | 200 | | | | | | | 8.0 | | |
| | 3SUPF-DE250-F | 250 | | | | | | | 8.0 | | |
| | 3SUPF-DE300-F | 300 | | | | | | | 7.8 | | |

*1 Standard type *2 Leakage current of Standard type *3 Leakage current of standard type

- Ē (1)(4)(2)(3) (6)R Сх Cx R Cy
 - Static characteristics (Representative example)



Rated Voltage 250Vac