



## F Series



- General purpose
- Easy to install

### TECHNICAL DATA

Rated Voltage 80 VDC

Rated Current 1A-260A

Test Voltage (1min) 350 VDC (line – line)  
1414 VAC (line – ground)

Climatic category 25/085/21

| Model   | Terminal       |        | Rated Current (A) | Ground Capacitance (nF) | Leakage Current ≤ (mA) | Discharge Resistance (MΩ) | Circuit Diagram fig. | Dimension fig. |
|---------|----------------|--------|-------------------|-------------------------|------------------------|---------------------------|----------------------|----------------|
|         | Input          | Output |                   |                         |                        |                           |                      |                |
| FL-1F3  | Spade Terminal |        | 1                 | 22                      | -                      |                           | 1                    | B1             |
| FL-3F3  | Spade Terminal |        | 3                 | 22                      | -                      |                           | 1                    | B2             |
| FL-6F1  | Spade Terminal |        | 6                 | 22                      | -                      |                           | 1                    | A2             |
| DL-10F1 | Spade Terminal |        | 10                | 22                      | -                      |                           | 1                    | A2             |
| DL-15F1 | Spade Terminal |        | 15                | 22                      | -                      |                           | 1                    | A2             |
| DL-20F1 | Spade Terminal |        | 20                | 22                      | -                      |                           | 1                    | A2             |
| DL-25F1 | Threaded Stud  |        | 25                | 22                      | -                      |                           | 1                    | D2             |
| DL-30F1 | Threaded Stud  |        | 30                | 22                      | -                      |                           | 1                    | D2             |
| DL-35F1 | Threaded Stud  |        | 3                 | 22                      | -                      |                           | 1                    | D2             |
| DL-40F1 | Threaded Stud  |        | 40                | 22                      | -                      |                           | 1                    | D2             |
| DL-40F3 | Threaded Stud  |        | 40                | 22                      | -                      |                           | 1                    | E2             |
| DL-50F3 | Threaded Stud  |        | 50                | 22                      | -                      |                           | 1                    | E2             |

| Model    | Terminal      |        | Rated Current (A) | Ground Capacitance (nF) | Leakage Current ≤ (mA) | Discharge Resistance (MΩ) | Circuit Diagram fig. | Dimension fig. |
|----------|---------------|--------|-------------------|-------------------------|------------------------|---------------------------|----------------------|----------------|
|          | Input         | Output |                   |                         |                        |                           |                      |                |
| DL-60F31 | Threaded Stud |        | 60                | 22                      |                        |                           | 1                    | E2             |
| DL-80F3  | Threaded Stud |        | 80                | 44                      | -                      |                           | 2                    | E5             |
| DL-80F33 | Threaded Stud |        | 80                | 44                      | -                      |                           | 2                    | E3             |
| DL-100F3 | Threaded Stud |        | 100               | 44                      | -                      |                           | 2                    | E5             |
| DL-120F3 | Threaded Stud |        | 120               | 44                      | -                      |                           | 2                    | E5             |
| DL-140F3 | Threaded Stud |        | 140               | 44                      |                        |                           | 2                    | E5             |
| DL-160F3 | Threaded Stud |        | 160               | 1μ                      | -                      |                           | 2                    | E5             |
| DL-180F1 | Threaded Stud |        | 180               | 44                      | -                      |                           | 2                    | G7             |
| DL-200F1 | Threaded Stud |        | 200               | 44                      | -                      |                           | 2                    | G4             |
| DL-260F1 | Threaded Stud |        | 260               | 44                      | -                      |                           | 2                    | G4             |
| DL-1FX3  | Wire          |        | 1                 | 4.7                     | -                      |                           | 1                    | BX2            |
| DL-3FX1  | Wire          |        | 3                 | 22                      | -                      |                           | 1                    | AX1            |
| DL-20FX3 | Wire          |        | 20                | 1μ                      | -                      |                           | 1                    | BX3            |
| DL-40FX3 | Wire          |        | 40                | 22                      | -                      |                           | 1                    | EX1            |

## TYPICAL CIRCUIT DIAGRAM

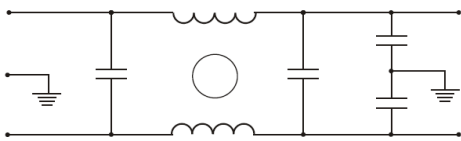


fig.1

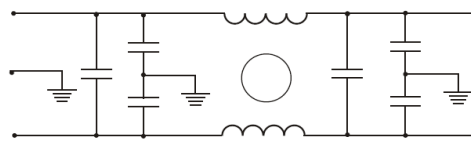
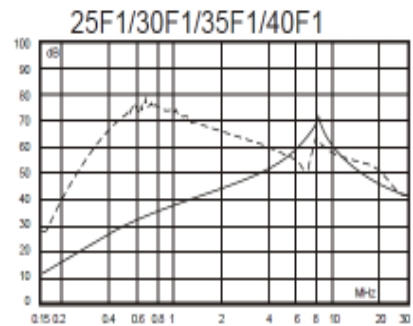
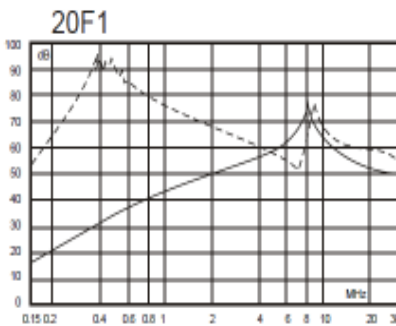
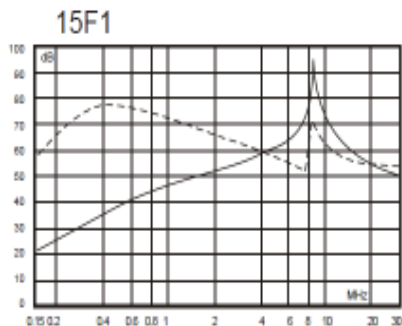
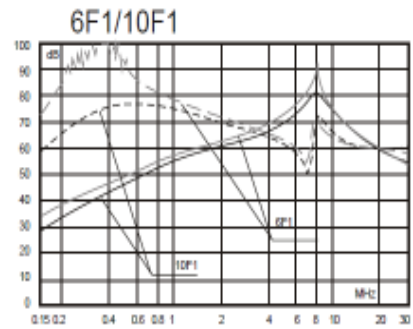
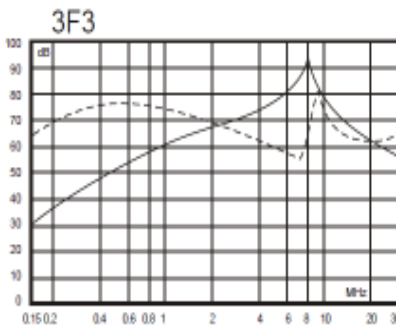
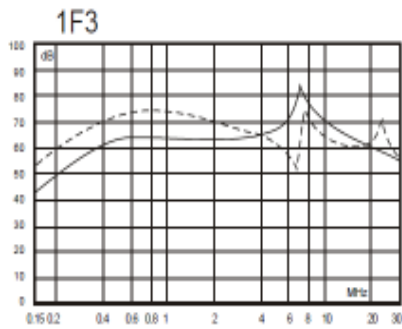
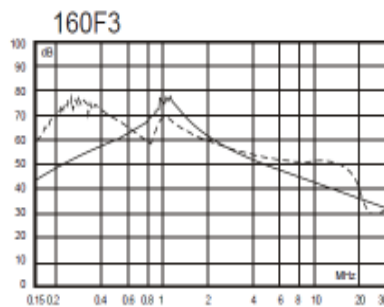
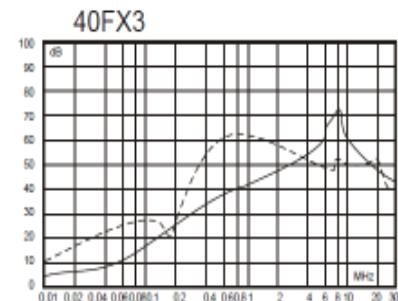
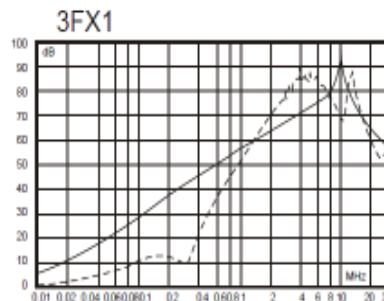
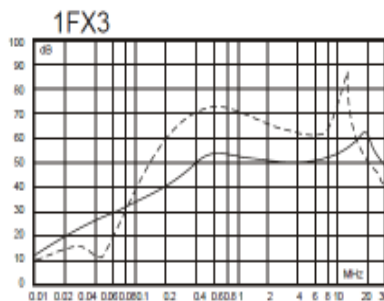
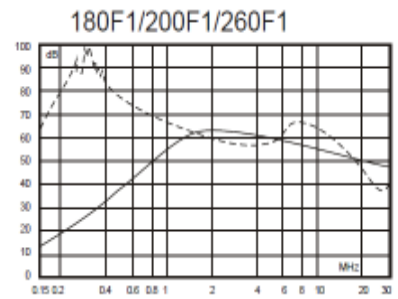
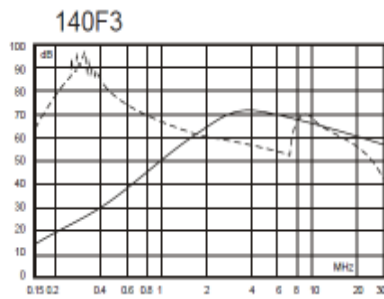
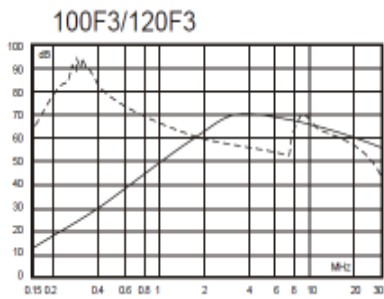
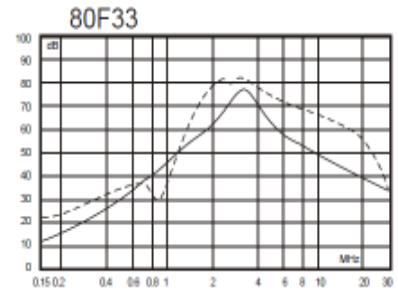
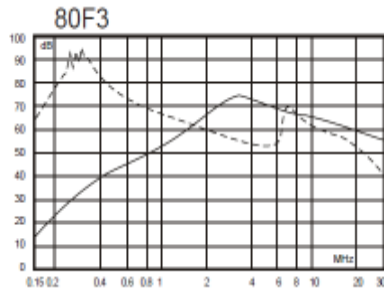
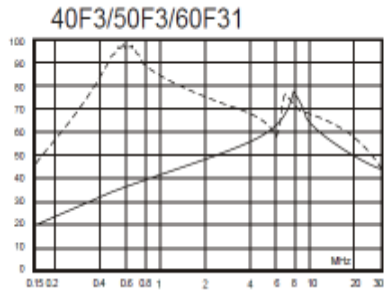


fig.2

## INSERTION LOSS

(50Ω, IEC/CISPR No 17, Measured in 50Ω system, as IEC/CISPR No. 17)





— (Common Mode)  
 - - - (Differential Mode)