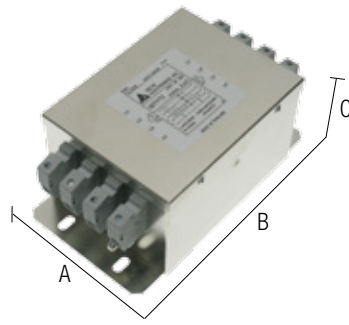


TYT series three-phase filter with neutral

- Models from 16 to 100 A
- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables



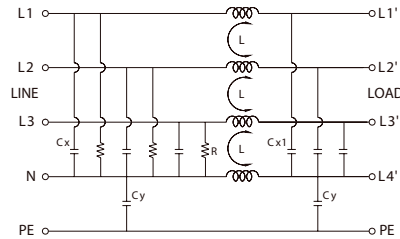
NOTES

The dimensions and diagrams are purely indicative, for more detailed information see the product's technical data.

(1) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

(2) Version made to order (not kept in stock); contact our sales office for availability.

BLOCK DIAGRAM



VERSIONS

| Nominal current | ID number | Code |
|-----------------|-------------------|---------------|
| 16 A | F 16 TYT8 | XF16TYT8 (2) |
| 25 A | F 25 TYT8 | XF25TYT8 (2) |
| 36 A | F 36 TYT8 | XF36TYT8 (2) |
| 50 A | F 50 TYT8 | XF50TYT8 (2) |
| 100 A | F 100 TYT8 | XF100TYT8 (2) |

Dimensions

| A | B | C | Weight (kg) |
|-----|-------|-----|-------------|
| 107 | 191.5 | 82 | |
| 107 | 191.5 | 82 | |
| 107 | 191.5 | 82 | |
| 124 | 194 | 104 | |
| 162 | 252 | 132 | |

GENERAL TECHNICAL DATA

| | |
|--------------------------------------|--|
| Nominal voltage | 440 Vac \pm 10% |
| Nominal current | See table for versions |
| Frequency | 50...60Hz |
| Leakage current at 480 Vac 60 Hz | 3 mA |
| Room temperature | -25...+85°C |
| Line/line insulation | 1.45 KVdc / 60 s (1) |
| Line/PE insulation | 2.25 KVdc / 60 s (1) |
| Surge category / degree of pollution | — |
| Degree of protection | IP 20 IEC 529, EN60529 |
| Connection type | fixed screw terminal blocks |
| Container material | metallic |
| Approximate weight | See table for versions |
| Assembly | on panels by means of anchorage screws |

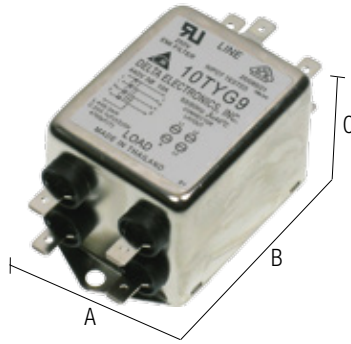
Attenuation in dB of common mode (L / PE)

Attenuation in dB of differential mode (L / L)

| ID number | Attenuation in dB of common mode (L / PE) | | | | | | Attenuation in dB of differential mode (L / L) | | | | | |
|-------------------|---|---------|-------|-------|--------|--------|--|---------|-------|-------|--------|--------|
| | 0.15 MHz | 0.5 MHz | 1 MHz | 5 MHz | 10 MHz | 30 MHz | 0.15 MHz | 0.5 MHz | 1 MHz | 5 MHz | 10 MHz | 30 MHz |
| F 16 TYT8 | 25 | 50 | 50 | 50 | 45 | 30 | 35 | 55 | 60 | 60 | 40 | 30 |
| F 25 TYT8 | 25 | 50 | 50 | 50 | 45 | 30 | 35 | 55 | 60 | 60 | 40 | 30 |
| F 36 TYT8 | 25 | 50 | 50 | 50 | 40 | 25 | 30 | 50 | 55 | 50 | 40 | 30 |
| F 50 TYT8 | 25 | 45 | 45 | 40 | 40 | 25 | 30 | 50 | 50 | 40 | 40 | 30 |
| F 100 TYT8 | 10 | 20 | 25 | 30 | 30 | 20 | 30 | 40 | 40 | 35 | 35 | 25 |

TY series compact three-phase filter with neutral

- Models from 10 to 20 A
- Elevated attenuation from 150 kHz to 30 MHz
- Elevated attenuation even on long cables
- Excellent performance and value for money



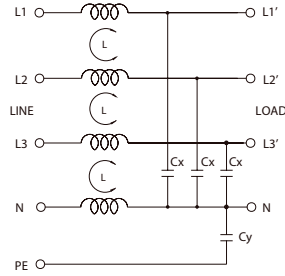
NOTES

The dimensions and diagrams are purely indicative, for more detailed information see the product's technical data.

(1) The presence of condensators between phase and neutral, dictates that the isolation tests are carried out in DC in accordance with EN60950.

(2) Version made to order (not kept in stock); contact our sales office for availability.

BLOCK DIAGRAM



VERSIONS

| Nominal current | ID number | Code |
|-----------------|------------------|--------------|
| 10 A | F 10 TYG9 | XF10TYG9 (2) |
| 20 A | F 20 TYS9 | XF20TYS9 (2) |

Dimensions

| A | B | C | Weight (kg) |
|----|----|----|-------------|
| 50 | 85 | 44 | |
| 50 | 97 | 44 | |

GENERAL TECHNICAL DATA

| | |
|--------------------------------------|--|
| Nominal voltage | 440 Vac \pm 10% |
| Nominal current | See table for versions |
| Frequency | 50...60Hz |
| Leakage current at 480 Vac 60 Hz | 0.5 mA |
| Room temperature | -25...+85°C |
| Line/line insulation | 1.45 KVdc / 60 s (1) |
| Line/PE insulation | 2.25 KVdc / 60 s (1) |
| Surge category / degree of pollution | — |
| Degree of protection | IP 20 IEC 529, EN60529 |
| Connection type | flat plug (10 A) and screw (20 A) |
| Container material | metallic |
| Approximate weight | See table for versions |
| Assembly | on panels by means of anchorage screws |

Attenuation in dB of common mode (L / PE)

Attenuation in dB of differential mode (L / L)

| ID number | Attenuation in dB of common mode (L / PE) | | | | | | Attenuation in dB of differential mode (L / L) | | | | | |
|------------------|---|---------|-------|-------|--------|--------|--|---------|-------|-------|--------|--------|
| | 0.15 MHz | 0.5 MHz | 1 MHz | 5 MHz | 10 MHz | 30 MHz | 0.15 MHz | 0.5 MHz | 1 MHz | 5 MHz | 10 MHz | 30 MHz |
| F 10T YG9 | 10 | 20 | 20 | 20 | 30 | 25 | 10 | 20 | 25 | 25 | 30 | 30 |
| F 20 TYS9 | 10 | 15 | 20 | 20 | 25 | 20 | 10 | 15 | 20 | 20 | 25 | 20 |