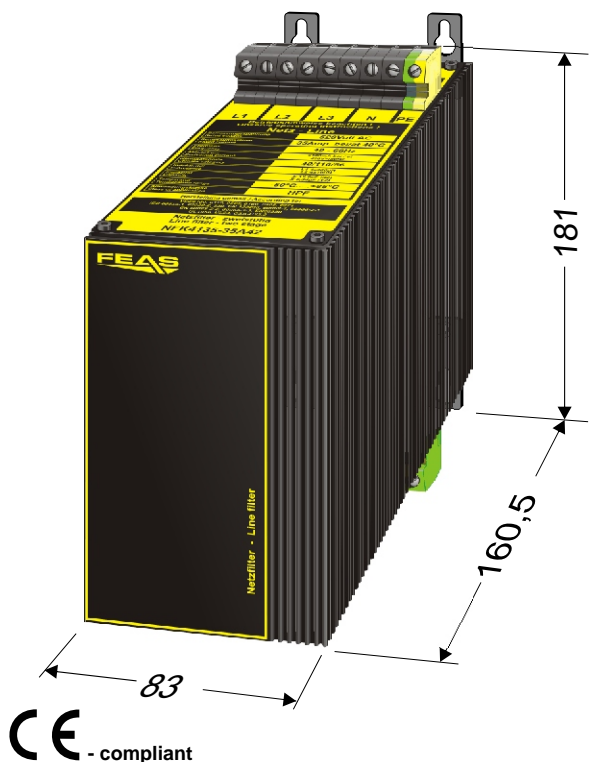


Radio interference suppression filter 4-Lines 2-Stages Type NFK4135-35A42-W



Technical data

Input data

| | |
|---------------------|---------------------------------------|
| Rated voltage U_n | see table below |
| Frequency | see table below |
| Rated current I_n | see table below |
| Overload current | 1,5 x I_n t < 2 minutes 3 x / hours |
| Inductance L_n | see table below |
| Capacity C_n | see table below |
| Derivation current | < 3,5mA at 400V~, 50Hz |
| Discharge resistor | 3 x approx. 1M |

Operating data

| | |
|-----------------------------|---|
| Duty circle | 100% |
| Operating temperature range | -50°C to +85°C |
| Derating | - |
| Storage temperature range | -50°C to +105°C |
| Cooling | selfcooling recommended respective distance 15 mm each |

Safety devices

| | |
|---------------------|------------|
| Input fuse | - |
| Output fuse | - |
| Overload protection | - |
| MTBF | >380.000 h |

Safety data

| | |
|----------------------------|---|
| Test voltage | 2,5kV- (Conductor - PE) |
| Protection class | class 1, with PE connection (EN 60950) |
| Ambient humidity | 95% relative humidity, yearly average dewing allowed for use in tropical atmosphere |
| Protection class enclosure | IP 65 |
| Protection class terminals | IP 20 (BGV A3) |
| Vibration proof | >30g at 33Hz in X,Y and Z, acc. to IEC 60068-2-27 |

Applied design specifications

| | |
|------------------|--|
| according to VDE | VDE 0100,0110,0113,0140-1,0551,0160/W2,0806 |
| IEC | IEC 60939-1,IEC60939-2,IEC60068-2-3, IEC 60068-2-11-52,IEC 60529,IEC 380 |
| EN | EN133200,EN60068-1,EN 60950, EN61000-6-1-2-3-4,EN50178, EN55011,EN50204,EN61558-2-17, EN60204,EN60529, EN61000-4-2-3-4-5-6-8-11, EN60068-1, EN60068-2-1-2-3-6-27-30, EN45501,EN50021 |
| CSA / UL | CSA-C 22.2 / UL1283, UL94V1 |

Mechanical data

| | |
|----------|--------------------------|
| Mounting | wallmounting with screws |
|----------|--------------------------|

- High insertion loss over a broad frequency range
- Small enclosure design
- Using aluminium enclosure in order to improve the heat conduction
- Suitable for the tropics - Epoxy resin casted
- Safety acc. to VDE, EN, UL and CSA

| | |
|-------------------------------|--|
| Type | NFK4135-35A42-W |
| Order number | 5106601 |
| Rated voltage | 520 V _{AC} |
| Frequency | 40 - 66 Hz |
| Rated current | 4 x 35,0 A |
| Inductance | L1 4x900µH L2 4x10µH |
| Capacity | 3 x 2,2µF(X2) 6 x 1,0µF(X2) 2 x 0,47µF(Y2) |
| Dimensions (W x H x D) | 83x181x160,5 |
| Weight | approx. 4,20 kg |

Insertion loss at 50

