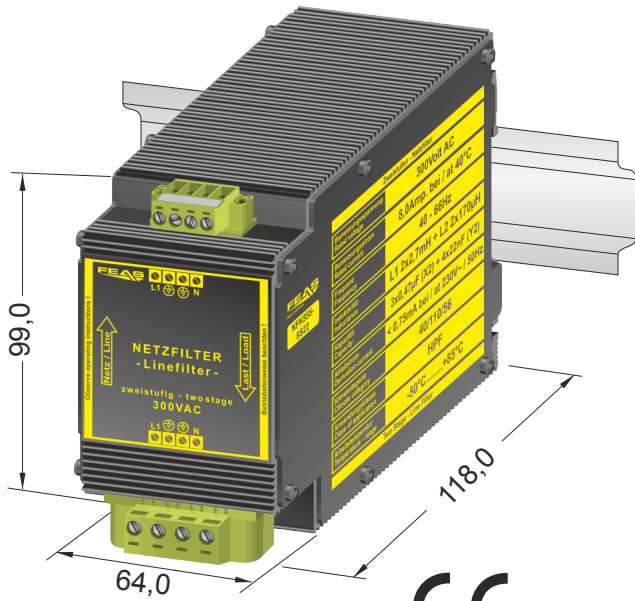


Radio interference suppression filters

2-Lines 2-Stages

Type NFK855-8S22



CE - conform

Technical Data

| Electrical data | |
|----------------------------------|---|
| Rated voltage U_R | see table below |
| Frequency | see table below |
| Rated current I_R | see table below |
| Overload current | 1,5 x I_R t < 2 Min. 3 x / h |
| Inductance L_R | see table below |
| Capacity C_R | see table below |
| Derivation current | < 0,75mA at 230V~, 50Hz |
| Discharge resistor | ca. 1M Ω |
| Operating data | |
| Duty circle | 100% |
| Operating temperature range | - 50°C to +85°C |
| Derating | - |
| Storage temperature range | -60°C...+105°C |
| Cooling | self cooling |
| | recommended respective distance 15mm each |
| Safety devices | |
| Fuse for input | - |
| Fuse for output | - |
| Overload protection | - |
| MTBF | >380.000 h |
| Safety data | |
| Test voltage | 2,5kV- (Conductor - PE) |
| Protection class | Class 1 with PE-Connection (EN 60950) |
| Extra low safety potential | - |
| Ambient humidity | 95% relative humidity, yearly average dewing allowed for use in tropical ambient |
| Protective class enclosure | IP 65 |
| Protective class terminals | IP 20 (VGB4) |
| Vibration proof | >30g at 33Hz in X,Y and Z, acc. to IEC 60068-2-27 |
| Applied construction regulations | |
| according to VDE | VDE 0100, 0110, 0113, 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 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 |
| Mechanics | |
| Mounting | On rails acc. to DIN 46277 or wallmounting with screws |

- High insertion loss over a broad frequency range
- Optimised against interferences in the lower frequency response
- 2-Stage design in order to improve the filtereffect
- Suitable for the tropics - Epoxy resin casted
- Safety acc. to VDE, EN, UL, CSA

| Type | NFK855-8S22 |
|------------------------|--|
| Rated voltage | 300VAC |
| Frequency | 40 - 66Hz |
| Rated current | 8,0Amp. at 40°C |
| Inductance | L1 2x2,7mH L2 2x170 μ H |
| Capacity | 3 x 0,47 μ F (X2) 4 x 22nF (Y2) |
| Dimensions (W x H x D) | 64x99x118 |
| Wheight | approx. 1,10kg |
| Order-No. | 51086 |

