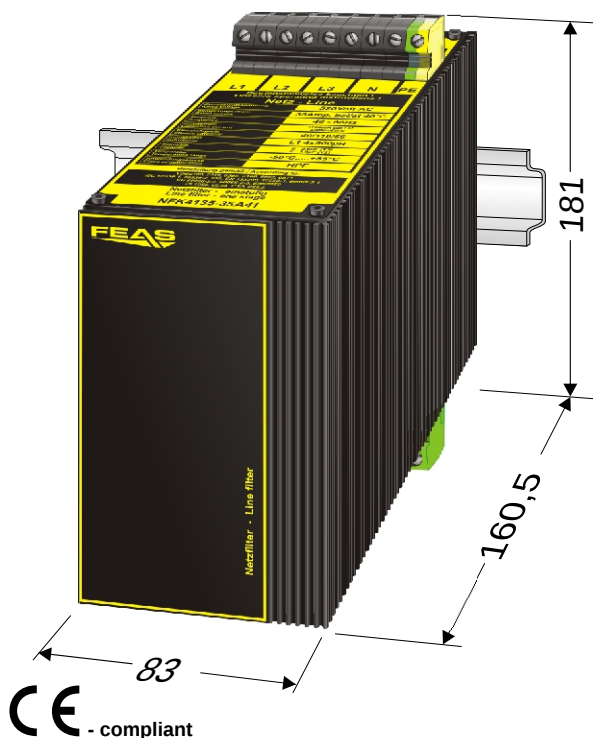


Radio interference suppression filter 4-Lines 1-Stage Type NFK4135-35A41-H



- ☐ 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	NFK4135-35A41
Order number	51064
Rated voltage	520 V _{AC}
Frequency	40 - 66 Hz
Rated current	4 x 35,0 A
Inductance	4 x 900 µH
Capacity	3x2,2 µF+3x1 µF(X2) 1 x 1,0 µF(Y2)
Dimensions (W x H x D)	83x181x160,5
Weight	approx. 4,20 kg

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	< 3,5 mA at 400 V~, 50 Hz
Discharge resistor	3 x approx. 1 MW
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	2,5 kV- (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 33 Hz 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, IEC 60939-2, IEC 60068-2-3, 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	On rails acc. to DIN 46277

Insertion loss at 50 W

