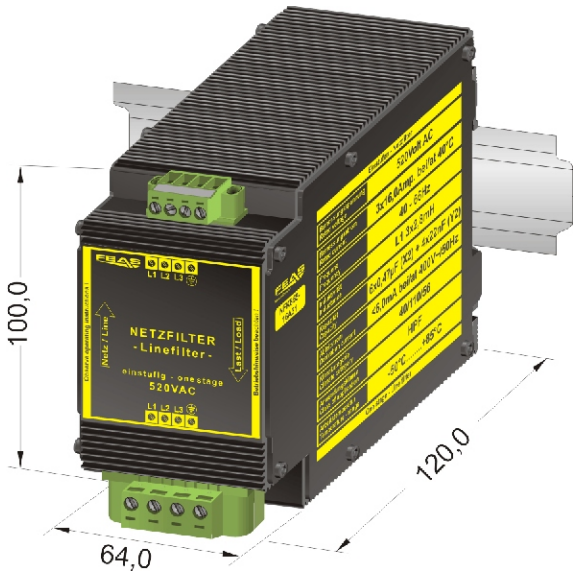
Radio interference suppression filter 3-Lines 1-Stages
Type NFK855-16A31



CE - compliant

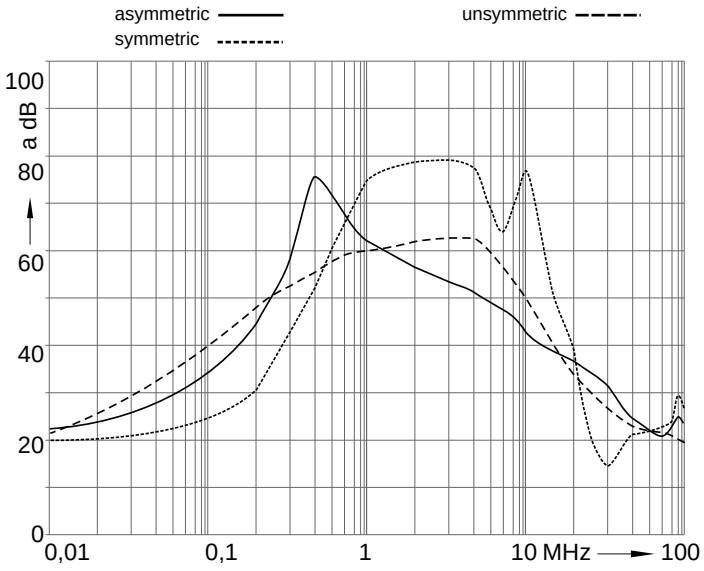
- High insertion loss over a broad frequency range
- Optimised against asymmetric interferences
- Using aluminium enclosure in order to improve the heat conduction
- Suitable for the tropics - Epoxy resin casted
- Safety acc. to VDE, EN, UL and CSA

Type	NFK855-16A31
Order number	51089
Rated voltage	520 V_{AC}
Frequency	44 - 66 Hz
Rated current	3 x 16,0 A
Inductance	L1 3x2,8mH
Capacity	6 x 0,47µF(X2) 4 x 22nF(Y2)
Dimensions (W x H x D)	64x100x120
Weight	approx. 1,50 kg

Technical data

Input 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 minutes 3 x / hours
Inductance L_R	see table below
Capacity C_R	see table below
Derivation current	< 6,0mA at 400V~, 50Hz
Discharge resistor	3 x approx. 1MΩ
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	On rails acc. to DIN 46277 or wallmounting with screws

Insertion loss at 50 Ω



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