



Three-phase interference suppression filters with high attenuation: for currents 10-50 A

Funkce a popis :

There is a higher-order low-pass filter. These filters with "D" mark have high attenuation from low frequencies to several GHz. Here are used safety condensers of type X, which are being wired among phases for filtration of symmetrical component. The condensers of type Y are being wired towards the ground for filtration of asymmetric component. They are produced in a metal case. Supply lead passing by the bushings is being wired straight into the terminals.



TECHNICAL PARAMETERS SKY4FL16D-SKY4FL32D:

Nominal operating voltage	Un: 3x230/400 Vac
Extent of operating frequencies fn (for In)	Fn: 50-400 Hz
Extent of operating currents	In: 16-32 A
Attenuation from 150kHz-1GHz/2GHz	b : 80dB/60 dB
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP54	
Extent of operating temperature : -10°C + 40°C	

TECHNICAL PARAMETERS: SKY4FL40D :

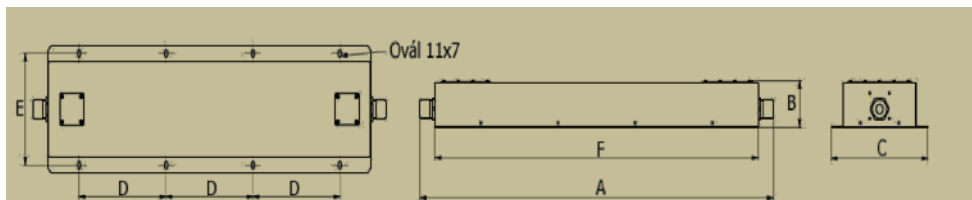
Nominal operating voltage	Un: 3x230/400 Vac
Extent of operating frequencies fn (for In)	Fn: 50-400 Hz
Extent of operating currents	In: 40 A
Attenuation from 150kHz-1GHz/2GHz	b : 80dB/60 dB
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP00	
Extent of operating temperature : -33°C + 55°C	

Type	Nominal current [A]	Leakage current 1*) [mA]	Weight [kg]	Conductor cross section [mm 2]	basic dimensions [mm]					
					A	B	C	D	E	F
					length	height	width	pitch	pitch	other
SKY4FL16D	16	< 16	8	6-10	732	74	200	180	176	670
SKY4FL25D	25	< 16	8	6-10	732	74	200	180	176	670
SKY4FL25D2C	25	< 16	8	6-10	732	74	200	180	176	670
SKY4FL32D	32	< 20	8	6-10	732	74	200	180	176	670
SKY4FL40D	40			20x3 Ø6,5	532	152	216	152	197	457

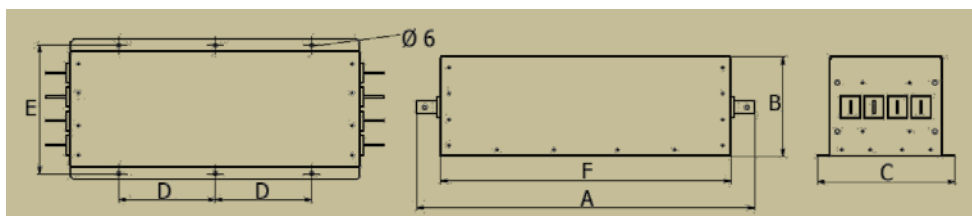
* After a deal there is a possibility of modification of the outlets according to the customer's request.

1*) Leakage current measurement was performed according to the standard ČSN EN 60950.

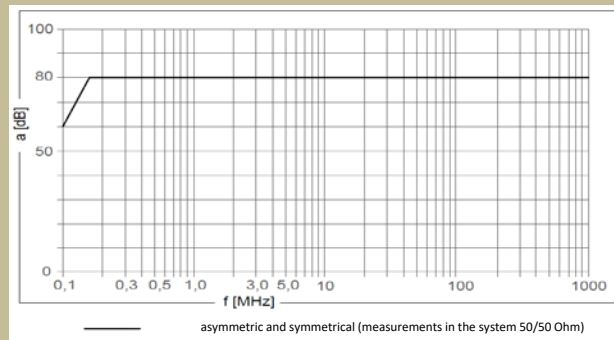
Dimensional drawing for : SKY4FL16D-SKY4FL32D



Dimensional drawing for : SKY4FL40D



Attenuation characteristic: SKY4FL16D - SKY4FL40D



Use:

These filters are mostly intended for military and special purposes and also where really high attenuation is necessary.

Dimensioning, wiring:

They are dimensioned according to indicated label nominal voltage and current values. Short-circuit protection must not exceed nominal current value. When connecting it is necessary to meet the EMC requirements!