



## Single-phase interference suppression filters, type TZS CM series

### Description:

SKY1FL16CM is a radio frequency single-phase interference suppression filter with really high attenuation. Low pass filter is created by multiple combination of inductance L and condensers C. The low pass filter restricts radio frequency interference which is spread back to a feed array and also it increases interference resistance of the device coming from this feed array. Thanks to that a device life is prolonged. It is produced in a metal case. A supply lead passing by EMC metal bushings connects directly to the terminals.



### TECHNICAL PARAMETERS:

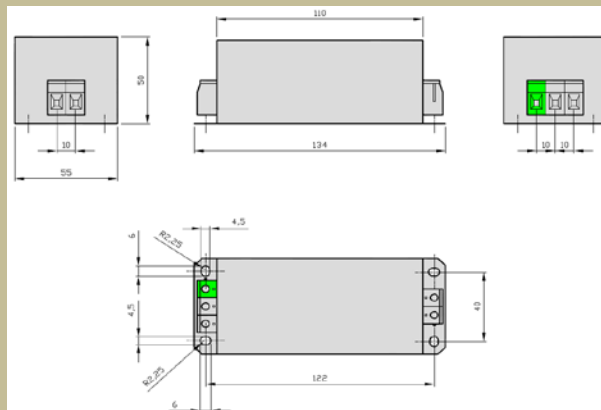
Nominal operating voltage Un: 230Vac  
Extent of operating currents In: 16A  
Short-term overcurrent capacity : 50% In  
Thermal class : B  
Protection class : IP00  
Extent of operating temperature : -10°C + 40°C

Type	Nominal current [A]	Leakage current 1*) [mA]	Weight [kg]	Conductor cross section [mm 2]	basic dimensions [mm]					
					A length	B height	C width	D pitch	E pitch	F other
SKY1FL16CM	16	<14	2	4-6	134	50	55	122	40	-

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

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

### Dimensional drawing:



### Use:

It is intended for military and special purposes and also where higher attenuation is necessary. When connecting it is necessary to meet the EMC requirements for its proper function, i. e. as short PE connection as possible and to avoid paralleling of inlet and outlet from the filter.