

Single-phase interference suppression filters, type TZS

PS series

Description:

The interference suppression filters **PS series** are intended to frequency changers. Wiring of individual passive components of the filter is chosen so that the frequency changer fulfils limits for V-terminal voltage in residential premises. They are used for domestic appliances like washing machines.

SKY1PS10



TECHNICAL PARAMETERS SKY1PS10 :

Nominal operating voltage	Un: 230Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 10A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP00	
Extent of operating temperature : -10°C + 40°C	

SKY1PS12



TECHNICAL PARAMETERS SKY1PS12 :

Nominal operating voltage	Un: 230Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 10A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP65	
Extent of operating temperature : -10°C + 40°C	

SKY1PS25



TECHNICAL PARAMETERS SKY1PS25 :

Nominal operating voltage	Un: 230Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 20A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP65	
Extent of operating temperature : -10°C + 40°C	

SKY1PS10C



TECHNICAL PARAMETERS SKY1PS10C :

Nominal operating voltage	Un: 250Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 10A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP65	
Extent of operating temperature : -10°C + 50°C	

SKY1PS20C



TECHNICAL PARAMETERS SKY1PS20C :

Nominal operating voltage	Un: 250Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 20A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP65	
Extent of operating temperature : -10°C + 50°C	

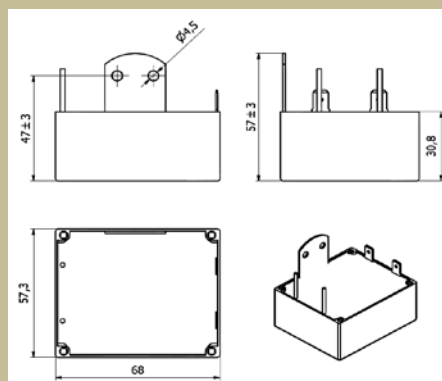
SKY1PS20C



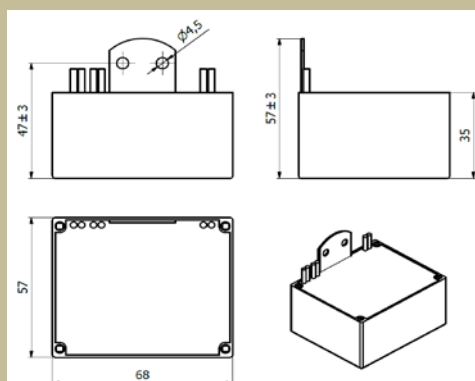
TECHNICAL PARAMETERS SKY1PS25C :

Nominal operating voltage	Un: 250Vac
Extent of operating frequencies fn (for In)	Fn: 50-60 Hz
Extent of operating currents	In: 25A
Short-term overcurrent capacity : 50% In	
Thermal class : B	
Protection class : IP65	
Extent of operating temperature : -10°C + 50°C	

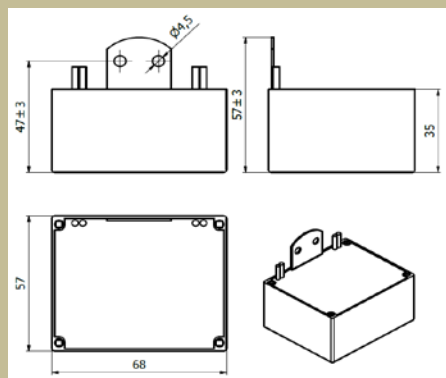
Dimensional drawing for : SKY1PS10C



Dimensional drawing for : SKY1PS20C



Dimensional drawing for : SKY1PS25C



Attenuation characteristic:

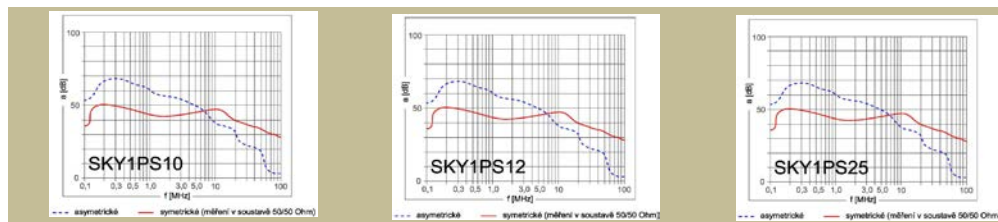
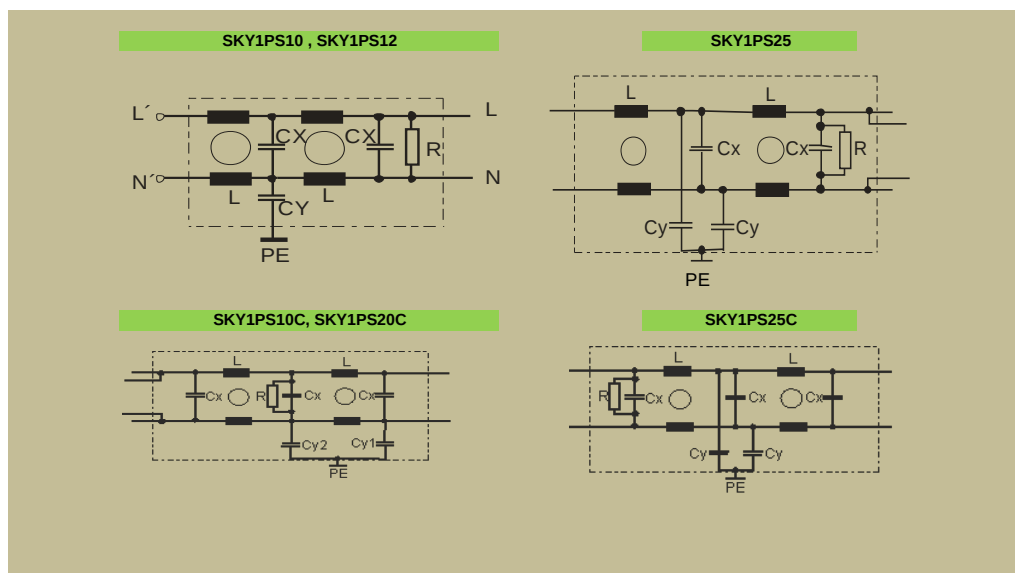


Diagram:



Use:

Interference suppression of the converters for limits for V-terminal voltage in residential premises.