Power Line Filters

Features

- Rated currents up to 16A
- Terminal block
- The compact size can be applied to various situations.
- Enhanced purpose filtering performance

RS PRO EMI Filters

RS Stock No.:286-7320



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Power Line Filters

Product Description

High performance Three phase chassis mount EMI filter Applications:

- *Electrical and electronic equipment*
- *Medical equipment*
- *Office automation equipment*
- *New energy equipment ,Communication equipment;*

General Specifications

The compact size can be applied to various situations.
This filter is also available as two-stage filters in noisy environment.

Electrical Specifications

*Size(Length*Width*Height)* 150*105*60mm

Weight	0.85kgs
Mounting Hole Spacing	120*90mm

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Mechanical Specifications

Rated Voltage Max.	300/520VAC
Rated currents	16A
Operating frequency	50/60Hz
Hipot Rating	Line to Ground 2750VDC ; Line to Line 2250VDC;
Temperature range	-25°C~+85°C
Leakage current	10mA/15mA
Inductance	L1: 3×1.2mH; L1:30uH*3
Capacitance	Cx: 1.0uF*9 ; Cy1:22000pF*2; Cy2:10000pF*3
Resistance	R: 470K ohm*3;

Protection Category

IP Rating	IP40

Approvals

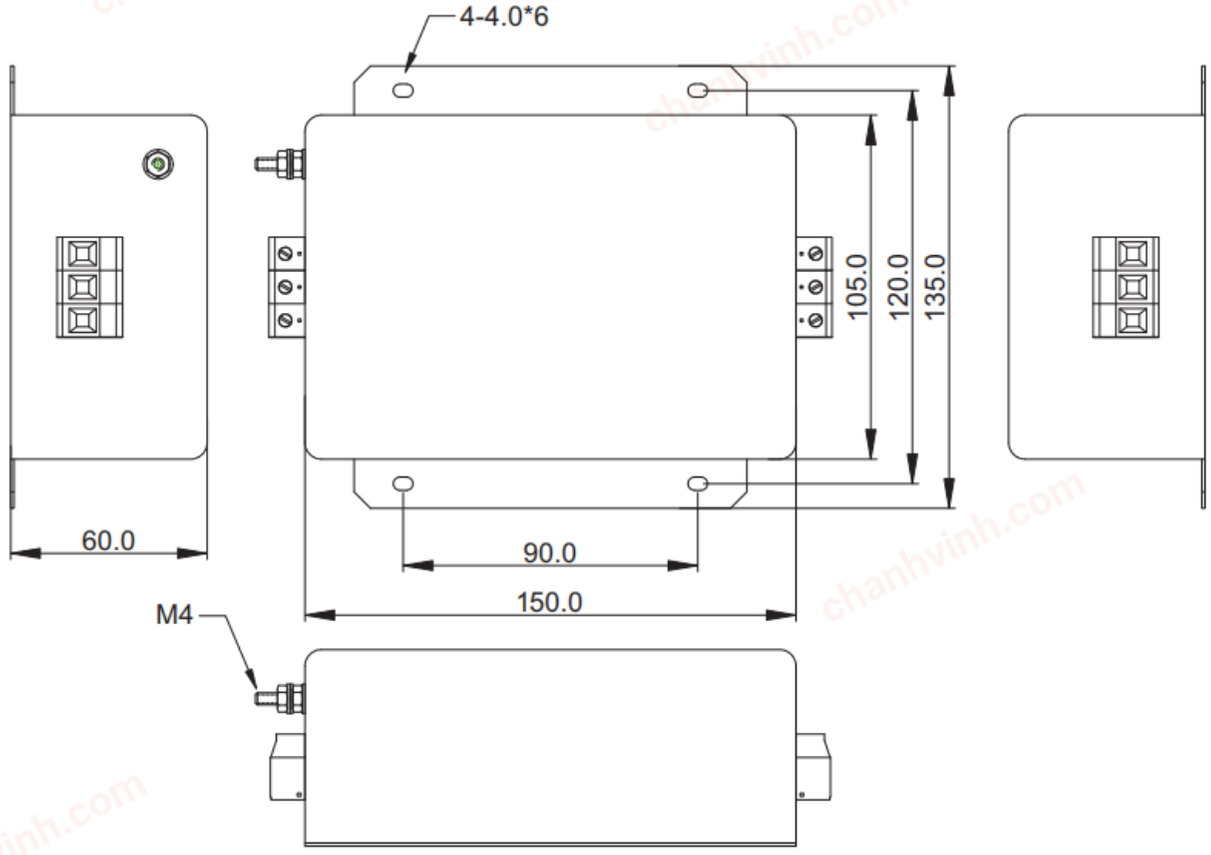
Declarations	CE UKCA REACH ROHS
Safety Standard	IEC 60939-3:2015; EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013

Similar Products

Stock No.	Brand	Phase Type	Mounting	Current	Dimension
237-8745	RS PRO	Three phase	Chassis mounting	30A	120*100*50mm

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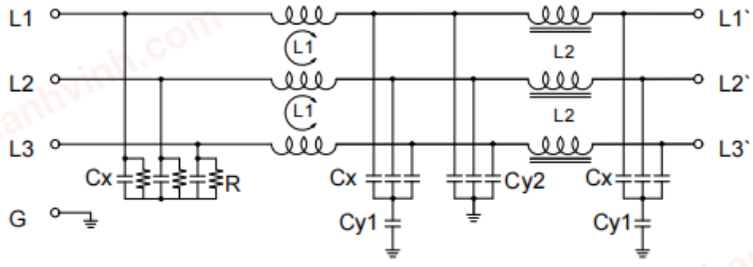
Physical Dimensions（Unit：mm）



Applicable wire
Flex wire:0.2~4mm²
Solid wire:0.2~6mm²
Torque:0.6Nm
Stripping Length:8mm

0 ~ 10	±0.3
10 ~ 100	±0.5
100 ~ 150	±0.8
150 ~ 200	±1.0

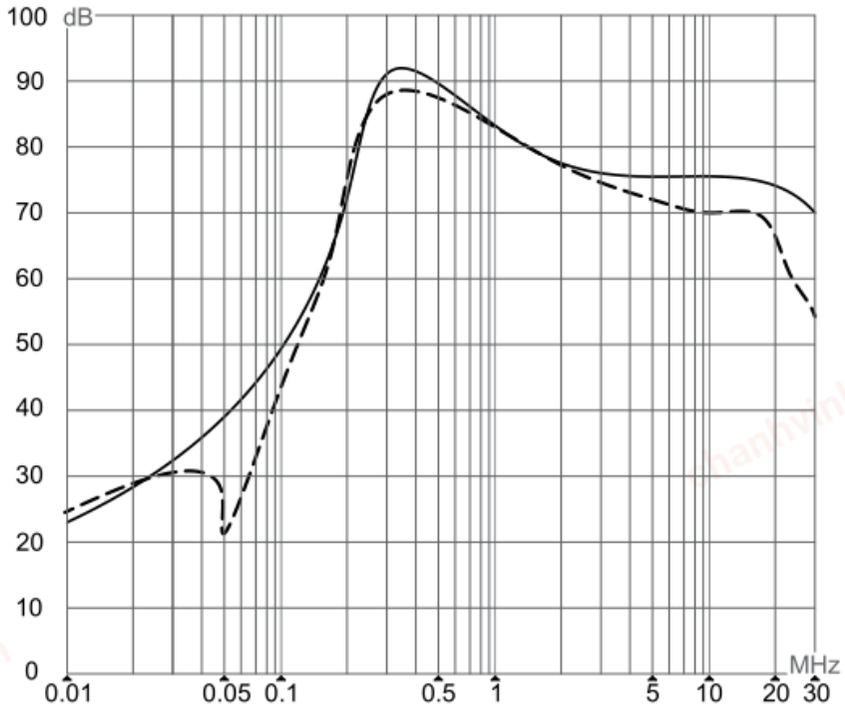
Electrical Schematic



Power Line Filters

Insertion loss(IN 50ohm system according IEC/CISPR NO.17)

_____Common mode ----------Differential mode



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