

### ■ Input Noise Filters for EMC Directives (3G3RV-PFI□, by Schaffner)

When conformance to the EMC Directives in the EC Directives is required, always use one of these Filters. The Filter is connected between the Inverter's power supply input terminals (R/L1, S/L2, T/L3) and the power supply.

There are holes for mounting the Noise Filters to Inverters on the top of the Noise Filters. Use these holes to secure the Noise Filters to the Inverters.

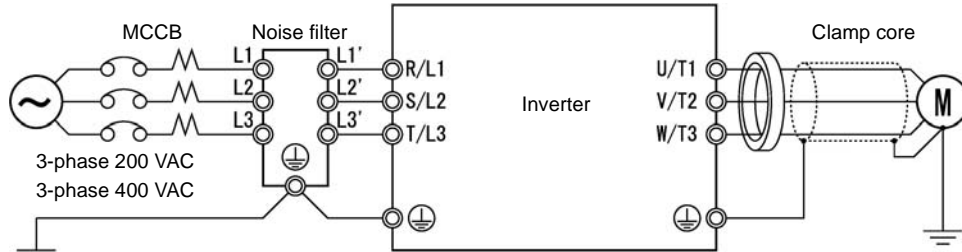
### Models and Application

The standard models of Input Noise Filters for EMC Directives are listed in the following table.

Inverter		Input Noise Filter for EMC Directives				
Voltage Class	Max. Applicable Motor Capacity (kW)	Rated Current (A)	Model No.	Mounting	Weight (kg)	Dimensions Diagram
3-phase, 200 VAC	0.4	10	3G3RV-PFI3010-SE	foot/book	1.1	1
	0.75					
	1.5					
	2.2	18	3G3RV-PFI3018-SE		1.3	2
	3.7	35	3G3RV-PFI2035-SE			
	5.5				60	3G3RV-PFI2060-SE
	7.5	100	3G3RV-PFI2100-SE			
	11				130	3G3RV-PFI2130-SE
	15	160	3G3RV-PFI2160-SE			
	18.5				240	3G3RV-PFI2200-SE
	22	320	3G3RV-PFI3400-SE			
	30				390	
	37					
	3-phase, 400 VAC	0.4	10		3G3RV-PFI3010-SE	foot/book
0.75						
1.5						
2.2		18	3G3RV-PFI3018-SE	1.3	2	
3.7						
4.0		35	3G3RV-PFI3035-SE	2.1	3	
5.5						
7.5		60	3G3RV-PFI3060-SE	4	4	
11						
15		70	3G3RV-PFI3070-SE	3.4	5	
18.5						
22		130	3G3RV-PFI3130-SE	4.7	6	
30						
37		170	3G3RV-PFI3170-SE	6.0	7	
45						
55	200	3G3RV-PFI3200-SE	11.0	8		
75						
90	250	3G3RV-PFI3400-SE	18.5			
110						
132	350					
160						

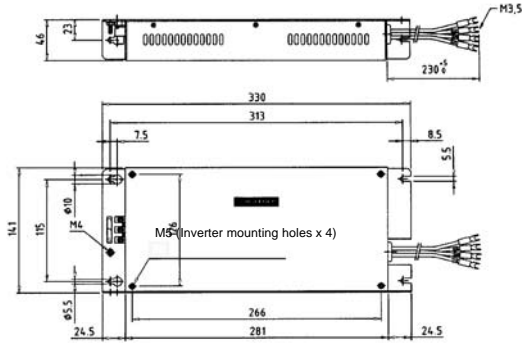
**Wiring Example**

A wiring example for an Input Noise Filter for EMC Directives is shown below.

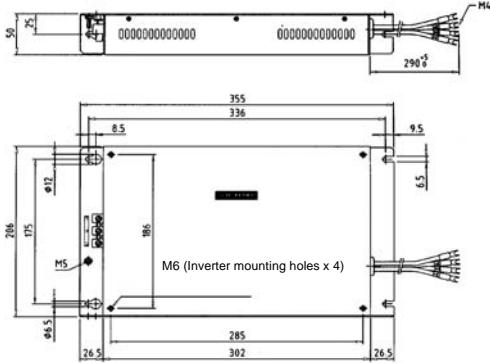


## Dimensions

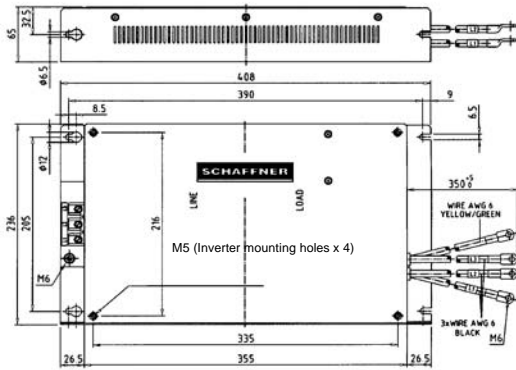
The dimensions of an Input Noise Filter (by Schaffner) for EMC Directives are given below.



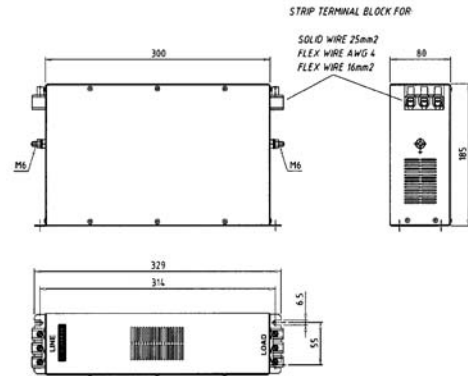
Dimensions Diagram 1



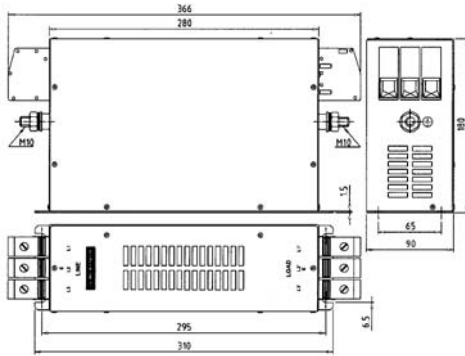
Dimensions Diagram 2



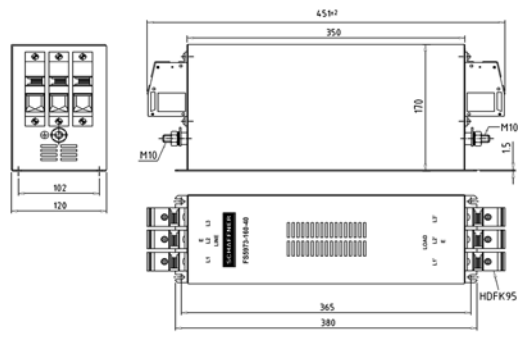
Dimensions Diagram 3



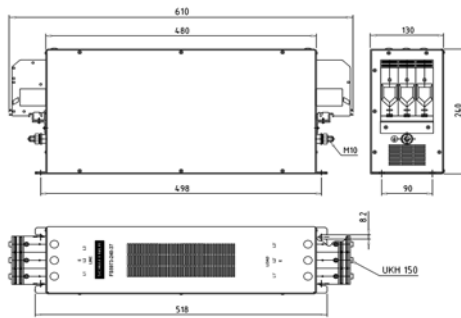
Dimensions Diagram 4



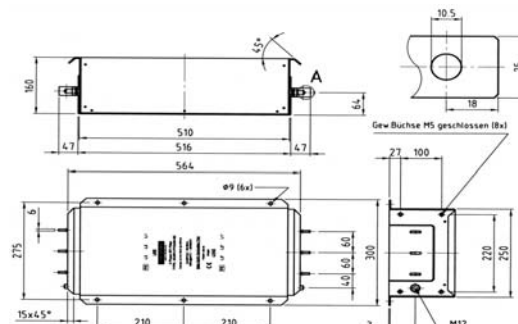
Dimensions Diagram 5



Dimensions Diagram 6



Dimensions Diagram 7



Dimensions Diagram 8