

## Main

|                              |                                |
|------------------------------|--------------------------------|
| Product or component type    | Passive filter                 |
| Product specific application | Reduction of current harmonics |

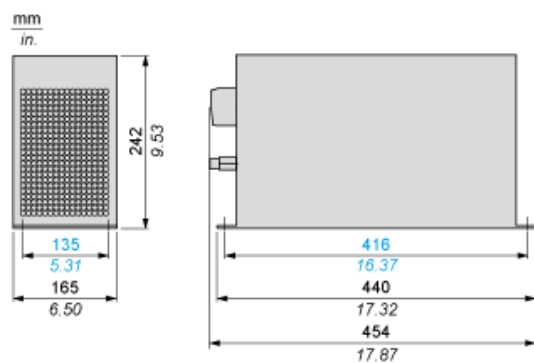
## Complementary

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range compatibility         | Altivar 61<br>Altivar 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| [Us] rated supply voltage   | 400 V (+/- 10 %)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power supply frequency      | 50 Hz (tolerance: +/- 5 %)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Quantity per drive          | 1 filter per drive for ATV71WU75N4<br>1 filter per drive for ATV71WD11N4<br>1 filter per drive for ATV71PU75N4Z<br>1 filter per drive for ATV71PD11N4Z<br>1 filter per drive for ATV71HU75N4<br>1 filter per drive for ATV71HD11N4<br>1 filter per drive for ATV61WU75N4C<br>1 filter per drive for ATV61WU75N4<br>1 filter per drive for ATV61WD11N4C<br>1 filter per drive for ATV61WD11N4<br>1 filter per drive for ATV61HU75N4<br>1 filter per drive for ATV61HD11N4                                                                                           |
| [In] rated current          | 19 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Network number of phases    | 3 phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| THDI                        | 16 % for ATV71WU75N4 motor: 7.5 kW / 10 hp<br>16 % for ATV71WD11N4 motor: 11 kW / 15 hp<br>16 % for ATV71PU75N4Z motor: 7.5 kW / 10 hp<br>16 % for ATV71PD11N4Z motor: 11 kW / 15 hp<br>16 % for ATV71HU75N4 motor: 7.5 kW / 10 hp<br>16 % for ATV71HD11N4 motor: 11 kW / 15 hp<br>16 % for ATV61HU75N4 motor: 7.5 kW / 10 hp<br>16 % for ATV61HD11N4 motor: 11 kW / 15 hp<br>10 % for ATV61WU75N4C motor: 7.5 kW / 10 hp<br>10 % for ATV61WU75N4 motor: 7.5 kW / 10 hp<br>10 % for ATV61WD11N4C motor: 11 kW / 15 hp<br>10 % for ATV61WD11N4 motor: 11 kW / 15 hp |
| Max current                 | 1.5 x nominal current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Efficiency                  | 98 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cos phi                     | 0.99 at 100 % of line current<br>0.85 at 75 % of line current<br>1 at 150 % of line current                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Electrical connection       | Terminal, connection capacity: 16 mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Electrical insulation class | Class F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product weight              | 21 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Environment

|                                       |                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------|
| IP degree of protection               | IP20                                                                                |
| Relative humidity                     | 5...85 % without condensation                                                       |
| Ambient air temperature for operation | 5...40 °C without current derating<br>> 40...55 °C with current derating 3 % per °C |
| Ambient air temperature for storage   | > -25...55 °C                                                                       |
| Operating altitude                    | > 1000...4000 m with current derating 5 % per 1000 m                                |

## Dimensions



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## Mounting Recommendations

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### Vertical Mounting Only

