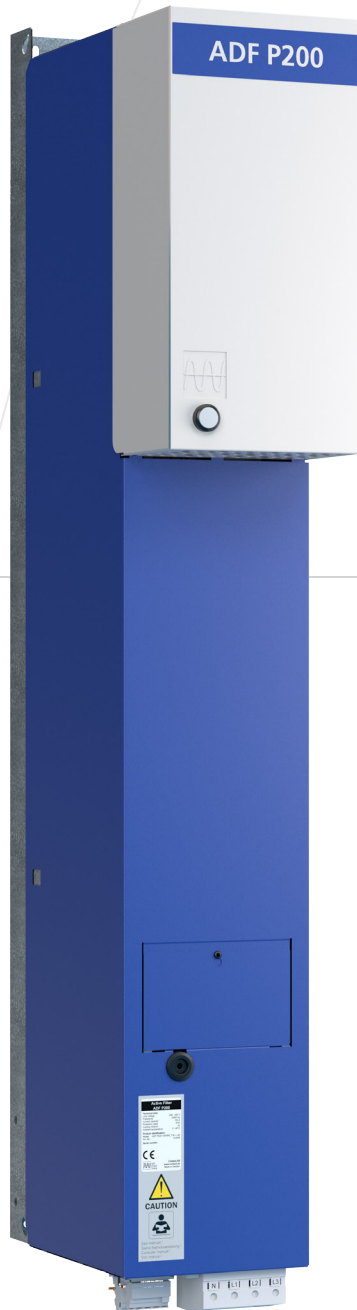
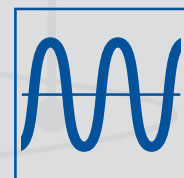


ADF

P200, 120 A Active Dynamic Filter



- High-speed active filter
- 50 Hz – 5 kHz bandwidth
- Current and Sensorless Compensation
- Advanced Digital Control
- Easy Installation
- Insensitive to Network Conditions
- Harmonic Elimination
- Resonance Elimination
- Can compensate harmonics without current transformers
- Non-overloadable
- 208 – 480 V



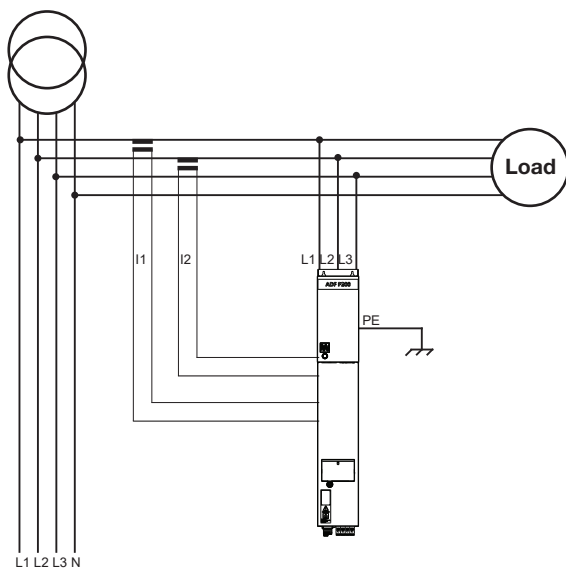
ADF
Power
Tuning

Technical Specifications

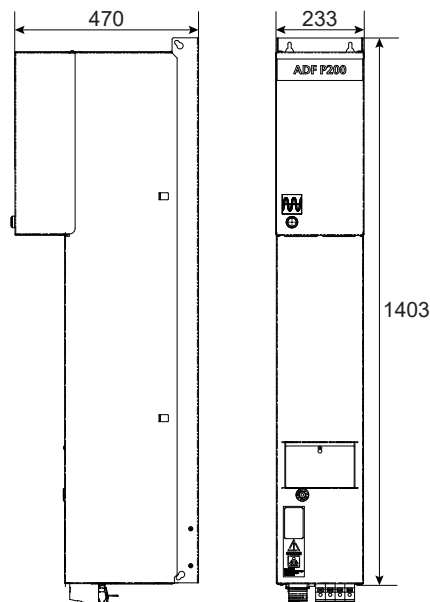
| Model | ADF P200-120/480 |
|---|---|
| Rated power * | 83 / 100 kVA |
| Compensation current capacity at 50/60 Hz | 120 A _{RMS} |
| System voltage | 208 – 480 V |
| Nominal frequency | 50/60 Hz ± 2 % |
| Number of phases | 3 phase 3 wire |
| Connection type | 3 phase without neutral (TN, TT) |
| Harmonic compensated | curve selectable harmonics, interharmonics compensation up to 5 kHz (100 th order) |
| Filter efficiency | better than 97 % |
| Current compensation of cos φ | up to 1.0 |
| Expandability | ADF P200 units can be used in parallel |
| Response time | < 20 μs |
| Power dissipation | < 1200 W |
| Maximum air flow requirement | 600 m ³ /h |
| Noise level | < 70 dB(A) |
| Environment | 0 to 95 % RH non-condensing, max altitude 1000 m without derating |
| Operating temperature | 0 to 50 °C, up to 40 °C without derating |
| Dimensions | 230 x 1400 x 470 mm (W x H x D) |
| Weight | 90 kg |
| Cabinet color | cabinet RAL 7035 (light grey), base RAL 7022 (umbra grey) |
| Protection class | IP20 according to IEC 529 |
| Environmental conditions | chemical 3C3, mechanical 3S3 |
| Electromagnetic compatibility | EN55011, Class B |
| Certificates | CE |

* Compensation power at 400 V / 480 V nominal voltage

Connection Diagram (example)



Dimensions (mm)



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Partner:

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