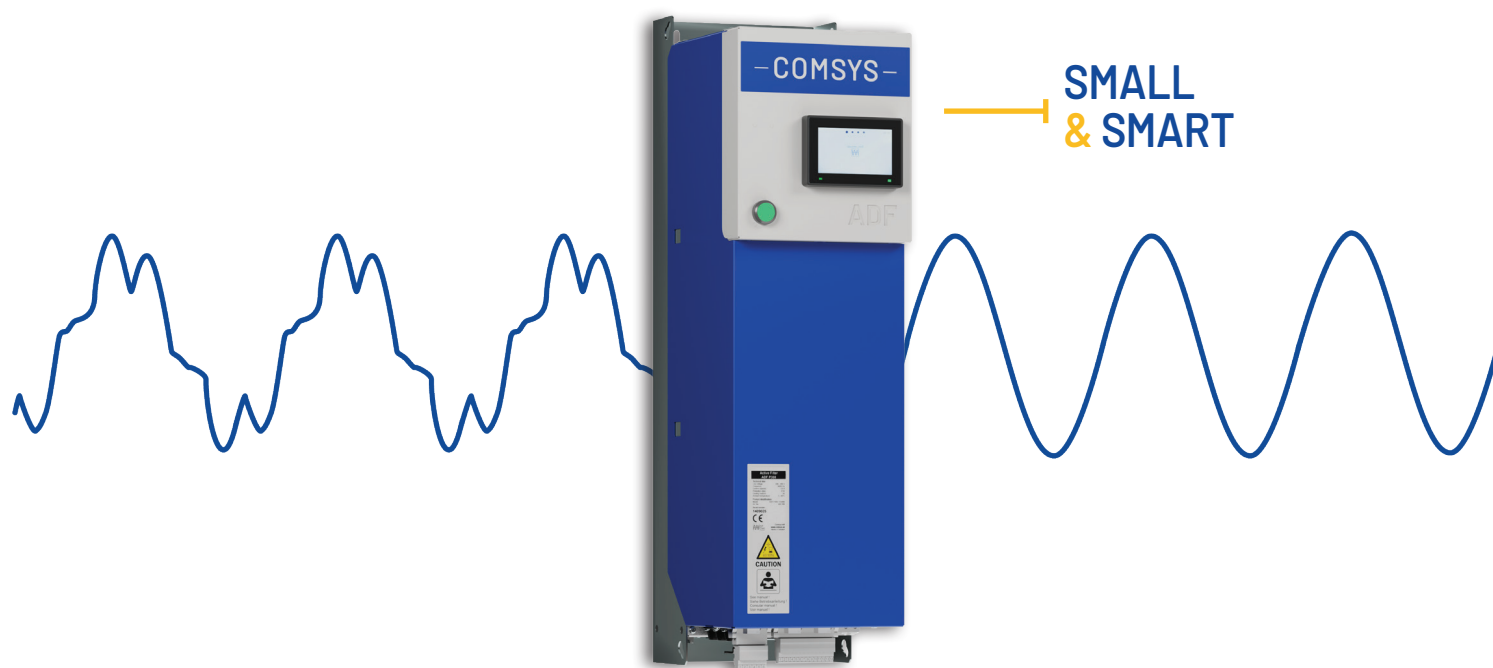


## ACTIVE DYNAMIC FILTER

# ADF P25

415 V CE: 30 A



HARMONIC ELIMINATION



DYNAMIC VAR COMPENSATION



SENSORLESS CONTROL



LOAD BALANCING



COMPACT & COST-EFFECTIVE



EASY INSTALLATION

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# TECHNICAL SPECIFICATION ADF P25

MODEL	ADF P25-30/415
COMPENSATION CURRENT CAPACITY AT 50/60 HZ	30 A <sub>RMS</sub>
SYSTEM VOLTAGE	208 – 415 V
NOMINAL FREQUENCY	45/65 Hz (Including floating frequency)
NUMBER OF PHASES	3 phase 3 wire
CONNECTION TYPE	3 phase without neutral (TN, TT)
HARMONIC CURRENT COMPENSATED	Individual compensation up to 49th order
RATE OF HARMONIC REDUCTION	Better than 98 %
CURRENT COMPENSATION OF COS $\phi$	Up to 1.0
EXPANDABILITY	up to 15 ADF P25 units can be used in parallel
RESPONSE TIME	< 1 ms
HEAT DISSIPATION	< 700 W
MAXIMUM AIR FLOW	< 400 m <sup>3</sup> /h
NOISE LEVEL	< 70 dB(A)
ENVIRONMENT	0 to 95 % RH non-condensing, max. altitude 1000 m / 3281 ft. without derating
OPERATING TEMPERATURE	0 to 50 °C, up to 40 °C without derating 32 to 122 °F, up to 104 °F without derating
DIMENSIONS (W × H × D)	227 × 810 × 326 mm 8.9 × 31.8 × 12.8 inch
WEIGHT	38 kg / 84 lbs
CABINET COLOR	Cabinet RAL 7035 (light grey), base RAL 5017 (traffic blue)
PROTECTION CLASS	IP20, IP21 according to IEC 60529, other ratings upon request
ELECTROMAGNETIC COMPATIBILITY	EN 55011 class A
ENVIRONMENTAL CONDITIONS	Chemical 3C2, Mechanical 3S2
CERTIFICATES	CE

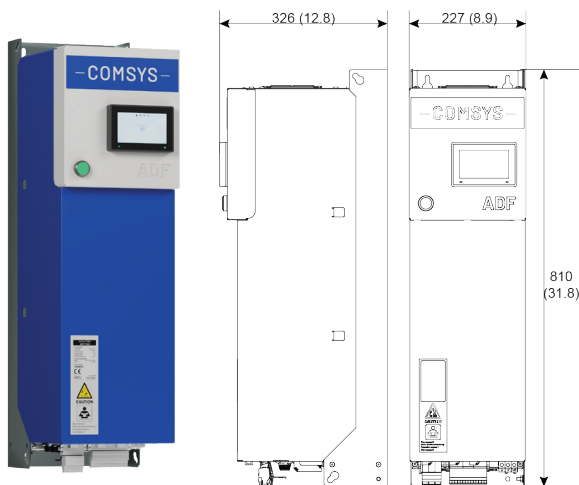
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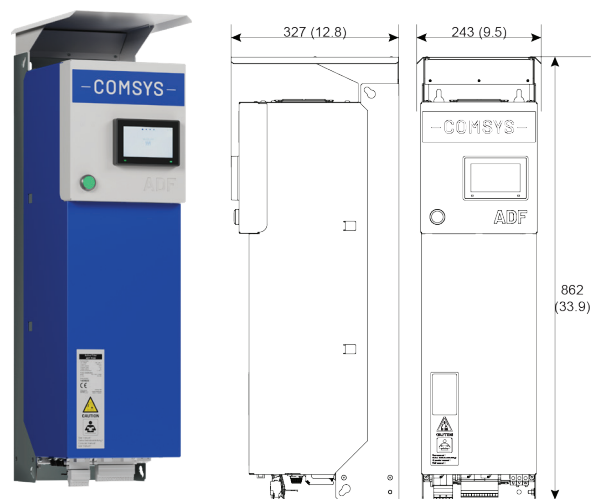


# DIMENSIONS & CONNECTION

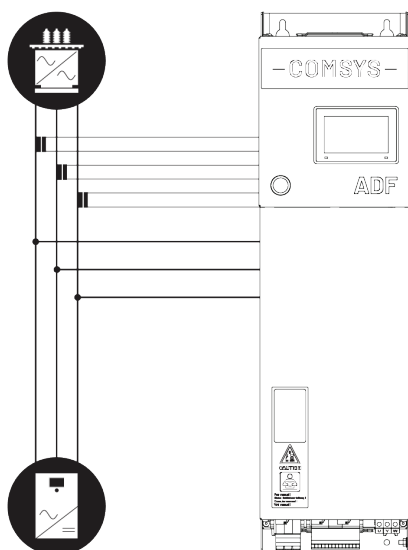
mm (inches) IP20



mm (inches) IP21



Example connection diagram



Customer interface



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# THE ADF PRODUCT RANGE

The ADF product range consists of versatile tools to address your unique power quality challenges in a way that is cost efficient.

For extreme resonances and interharmonics, to a powerful solution for a compact space, each ADF product targets different power levels in commercial and industrial applications in the low and medium voltage segments.



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