

Product datasheet

Specifications



active harmonic filter EasyLogic
APF module 100A, 400V, wall-
mounted, IP31

EZAPF10044W31

Main

Range	EasyLogic
Product name	EasyLogic APF
Product or component type	Active harmonic filter
Network number of phases	3 phases 3 phases + neutral
nominal output current	100 A

Complementary

Network configuration	3 or 4 wires
Network rated voltage	240...460 V AC
Network frequency	50 Hz +/- 3 Hz auto sensing 60 Hz +/- 3 Hz auto sensing
Maximum permissible voltage	1.15 x Un
Operating mode	Phase harmonic correction Neutral harmonic correction up to 300% unit rating Power factor correction Main load balancing
THDI	5 %
Reactive power rating	72 kvar 415 V AC
Type of installation	Indoor installation
Mounting mode	Wall-mounted
Heat dissipation	With forced ventilation
Electromagnetic compatibility	Electromagnetic emission class A conforming to EN/IEC 61000-6-4 Electromagnetic immunity conforming to EN/IEC 61000-6-2
Accessibility for operation	Front
Location of connection	Side
Net weight	45 kg
Height	960 mm
Width	600 mm
Depth	230 mm
Colour	Grey (Pantone 1C)

Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environmental characteristic	Operating: 3C2 conforming to IEC 60721-3-3 Operating: 3S6 conforming to IEC 60721-3-3 Storage: 3C3 conforming to IEC 60721-3-3 Storage: 3S7 conforming to IEC 60721-3-3
IP degree of protection	IP31
Operating altitude	<= 1500 m
Ambient air temperature for operation	-10...40 °C
Derating factor	1 % per 100 m > 1500...3700 m 90 % of In 40...45 °C 60 % of In 45...50 °C
Relative humidity	0...90 %
PCBA protection	Conformal coated
Standards	IEC 62477-1 EN 61000-6-2 EN 61000-6-4 IEEE 519-2014 ISO 9001
Product certifications	CE
Ambient air temperature for storage	-20...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	23.000 cm
Package 1 Width	60.000 cm
Package 1 Length	95.900 cm
Package 1 Weight	44.999 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	106482
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
Halogen-free status	Halogen free plastic parts product

Use Again

Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Dimensions

