Product datasheet

Specifications



active harmonic filter EasyLogic APF module 100A, 400V, wall-mounted, IP20

EZAPF10044W20

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	Top
Net weight	41 kg
Height	750 mm
Width	507 mm
Depth	205 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	IP20
Operating altitude	<= 1500 m
Ambient air temperature for operation	-10…40 °C
Derating factor	1 % per 100 m 40…45 °C > 1500…3700 m Without derating 40…45 °C 80 % 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	40.7 cm
Package 1 Width	58.7 cm
Package 1 Length	78.7 cm
Package 1 Weight	50 kg
Unit Type of Package 2	P12
Number of Units in Package 2	2
Package 2 Height	94.3 cm
Package 2 Width	80 cm
Package 2 Length	120 cm
Package 2 Weight	114 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	106267
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
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

