

Product datasheet

Specifications



active harmonic filter EasyLogic APF module 150A, 400V, rack- mounted, IP20

EZAPF15044R20

EAN Code: 3606486375013

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	150 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	108 kvar 415 V AC
Type of installation	Indoor installation
Mounting mode	Rack-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	Rear
Net weight	55 kg
Height	270 mm
Width	530 mm
Depth	788 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 90 % of In 40...45 °C 70 % 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	26.9 cm
Package 1 Width	53 cm
Package 1 Length	78.75 cm
Package 1 Weight	55 kg

Contractual warranty

Warranty (in months)	18
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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	167 ton CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	2 920 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	164 ton CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	37 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free plastic parts product

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	50
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

