Product datasheet

Specifications

cabinet cooling module , Altivar Process Modular, 115V AC, liquid cooled

APM1L0CCM115

EAN Code: 3606481012883

Main

Range of product	Altivar Process Modular
Product or component type	Power module
Mounting mode	Cabinet mount
EMC filter	Without EMC filter conforming to IEC 61800-3 category C3
IP degree of protection	IP00 conforming to IEC 61800-5-1 IP21 (for cabinet integration) conforming to IEC 61800-5-1 IP66 (for cabinet integration) conforming to IEC 61800-5-1
Supply frequency	50...60 Hz - 5...5 %
Network number of phases	1 phase
[Us] rated supply voltage	115 V

Complementary

Degree of protection	UL type 1 conforming to UL 61800-5-1 (cabinet integration) UL type 12 conforming to UL 61800-5-1 (cabinet integration)
Switching frequency	2...4.9 kHz adjustable with derating factor
Width	254 mm
Height	417 mm
Depth	429 mm
Net weight	13.5 kg
Marking	CE

Environment

Insulation resistance	> 1 MOhm 500 V DC for 1 minute to earth
Operating position	Vertical integrated in cabinet
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test level 3 conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test level 4 conforming to IEC 61000-4-4 1.2/50 µs - 8/20 µs surge immunity test level 3 conforming to IEC 61000-4-5 Conducted radio-frequency immunity test level 3 conforming to IEC 61000-4-6
Pollution degree	2 conforming to IEC 61800-5-1
Vibration resistance	1.5 mm peak to peak (f= 2…13 Hz) conforming to IEC 60068-2-6 0.5 gn (f= 13…200 Hz) conforming to IEC 60068-2-6
Shock resistance	4 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	5…95 % without condensation conforming to IEC 60068-2-3

Rates duty January 2016

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Ambient air temperature for operation	-10…40 °C (without derating) 40…50 °C (with derating factor)
Ambient air temperature for storage	-40…70 °C
Operating altitude	<= 4800 m with current derating above 1000m
Environmental characteristic	Chemical pollution resistance class 3C3 conforming to IEC 60721-3-3 Dust pollution resistance class 3S3 conforming to IEC 60721-3-3
Standards	UL 61800-5-1 IEC 61800-3 IEC 61800-5-1 IEC 61000-3-12 IEC 60721-3 IEC 61508 IEC 13849-1
Product certifications	TÜV cULus

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	60.000 cm
Package 1 Width	40.000 cm
Package 1 Length	65.000 cm
Package 1 Weight	25.000 kg

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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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**1792**
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	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**8cf5ab4e-25cc-4cad-82d4-89d2d568255d**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**