

# line filter module, Altivar Process Modular, 380...480V, liquid cooled

APM1L0LFMN4

EAN Code: 3606481012821

### Main

Range of product	Altivar Process Modular	
Product or component type	Power module	
Mounting mode	Cabinet mount	
EMC filter	Integrated 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	5060 Hz - 55 %	
Network number of phases	3 phases	
[Us] rated supply voltage	380480 V - 1010 %	

## 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)	
Width	250 mm	
Height	396 mm	
Depth	247 mm	
Net weight	6.5 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= 213 Hz) conforming to IEC 60068-2-6 0.5 gn (f= 13200 Hz) conforming to IEC 60068-2-6	
Shock resistance	4 gn for 11 ms conforming to IEC 60068-2-27	
Relative humidity	595 % without condensation conforming to IEC 60068-2-3	
Ambient air temperature for operation	-1040 °C (without derating) 4050 °C (with derating factor)	

Rates duty January 2016

Ambient air temperature for storage	-4070 °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	32.0 cm
Package 1 Width	33.0 cm
Package 1 Length	57.5 cm
Package 1 Weight	10.536 kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	49.0 kg



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)	246
Environmental Disclosure	Product Environmental Profile

### **Use Better**

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	2c7fe82f-0d19-47bb-925f-1be73de703ca	
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