ALERTON

Product Data Sheet

ACM-000-000-000-000-00-00-00 50080121-001

Ascent control module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Ascent control module	**ALERTON**	**USA**	**1.05 kg**

ALERTON ACM-000-000-000-000-00-00-00 50080121-001 is a Ascent control module for the ALERTON. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Controller class	BACnet Building Controller (B-BC)
Power supply	20 to 30 V AC, 40 VA, 47 to 63 Hz
Processor	Quad-core ARM Cortex-A9
Memory	1 GB DDR3 SDRAM
Data storage	Removable microSD card
Ethernet	Two 10/100/1000 Mbps ports
Onboard serial networks	Two EIA-485 networks
Expansion slots	Two option-card slots
Maximum EIA-485 networks	Six with option cards
Supported protocols	BACnet, Modbus RTU/TCP, Alerton TUX, AXM/EXP and NTPv4

02 ADDITIONAL PRODUCT DATA

Global controller instances	Up to six
Modbus devices	Up to 384
Mounting	35 mm DIN rail or direct panel
Operating temperature	-20 to 65 °C
Operating humidity	0 to 95 percent RH, non-condensing

03 OFFICIAL APPLICATIONS

- Commercial and public buildings: Industrial and institutional buildings
- Municipal water and wastewater treatment: Industrial water and environmental treatment
- Rail and urban transportation: Road and logistics infrastructure

04 SYSTEM COMPATIBILITY

Match ACM-000-000-000-000-00-00-00 50080121-001 to the installed ALERTON, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Technical parameter record for the exact product identity

Reference retained in the product evidence record

AMIKON PRODUCT SUPPORT

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