



Main

Range of product	Altivar
Product or component type	Communication module

Complementary

Product compatibility	ATV600 (\geq V1.7)
Communication port protocol	BACnet MS/TP
Electrical connection	Screw terminal block 5-pin removable terminal block, BACnet MS/TP
Transmission rate	9.6, 19.2, 38.4, 76.8 kbit/s
Transmission support medium	2 twisted pairs
Communication service	AV, BV, MSV for BACnet MS/TP COV notification
Communication network type	RS485
Display type	1 LED for error 1 LED for transmission activity 1 LED for reception activity (RX) 1 LED for module status
Product weight	0.035 kg

Environment

IP degree of protection	IP20
Ambient air temperature for operation	-20...65 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
Operating altitude	0...2000 m
Storage altitude	0...3048 m
Vibration resistance	1.5 mm (f = 3...13 Hz) 1 mm (f = 13...23 Hz) 2 gn (f = 13...150 Hz)
Shock resistance	15 gn for 11 ms
Electromagnetic compatibility	EMC immunity conforming to EN/IEC 61000-6-1 EMC immunity level 2 conforming to EN/IEC 60730-1 Electrostatic discharge level 3B conforming to IEC 61000-4-2 Radiated RF fields level 3A conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test level 4B conforming to IEC 61000-4-4

Surge immunity test level 3 conforming to IEC 61000-4-5
Conducted RF disturbances level 3A conforming to IEC 61000-4-6
Conducted EMC level 2 conforming to EN/IEC 60730-1
Conducted EMC conforming to EN/IEC 61000-6-3

Product certifications	BTL CSA UL 508 UL 873
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Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

Warranty	18 months
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