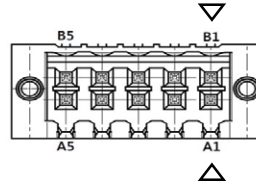


VAM100



Pin Definition



| Pin | Signal | RS-422 | Signal |
|-----|--------|--------|--------|
| A1 | GND | GND | GND |
| A2 | RTS | RXN | NC |
| A3 | TXD | RXP | NC |
| A4 | CTS | TXN | DN |
| A5 | RXD | TXP | DP |
| B1 | GND | GND | GND |
| B2 | RTS | RXN | NC |
| B3 | TXD | RXP | NC |
| B4 | CTS | TXN | DN |
| B5 | RXD | TXP | DP |

Specifications

| | | | |
|-----------------------|--|---|--|
| I/O Outlet | 4 x Terminal block 4-wire isolated RS-232/422/485 COM | | |
| Isolation Voltage | 2kV | | |
| Operating Temperature | -40°C to +70°C (-40°F to +158°F) with tBOX500 series & Wide operating temperature peripheral -25°C to +70°C (-13°F to +158°F) with tBOX300 series & Wide operating temperature peripheral | | |
| Certifications | LVD, FCC, EN 50155 and IEC 60945 certified; CE compliant | | |
| EMC | CE/FCC | EN 61000-6-4 (Class A), EN 61000-6-2 FCC part 15 B (Class A) | |
| | EN 50155 | EN 50121-3-2, IEC 62236-3-2 | |
| | IEC 60945 | IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6 CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-4 | |
| LVD | EN 60950-1 | | |
| Vibration | 3Grms with tBOX300/tBOX500 series (5 to 500Hz, X/Y/Z direction; random, operating) | | |
| | EN 50155 | EN 61373 category 1 class B | |
| | IEC 60945 | IEC 60068-2-6 | |
| Shock | EN 50155 | half-sine pulse, 5g, 30ms (longitudinal direction), 3g, 30ms (vertical/transverse direction) compliant | |

*For more information of certification/EMC/Vibration/Shock as above, please contact Axiomtek 's regional distributor

Ordering Information

| | |
|-----------------------------|--|
| VAM100 (P/N: E277100100) | Value-added module with 4 terminal block 4-wire isolated RS-232/422/485 COM and to be used with tBOX300/500 series |
|-----------------------------|--|