

CS-428/9AT-PRO2

RS232 to RS422/485 Converter



CS-428/9AT-PRO2 converts RS232 signals to RS422 or 485. It is an efficient solution for applying advantages of RS422/485 to legacy RS232 devices. The converter operates with no extra software installation, and with simple DIP switch toggling, RS422 or RS485 can be selected. Also, the product is fully compatible with serial COM port in PC.

Overview

Beyond the Limits of RS232

You can overcome the short communication distance by converting RS232 signal to RS422 or RS485, extending up to 1.2Km. Multi-drop function enables 1:10 communication in RS422 and bus scheme enables 10:10 communication in RS485.

Automatic Toggling

Under 1:N communication environment, it is undesirable that multiple devices send data at once, causing electrical collision that leads to an error. In order to prevent this, only one device needs to send data at a time, which means data I/O toggling is necessary at certain points. CS-428 performs automatic toggling by hardware, saving extra programming work.

No Power Required

No extra power supply is required, making the operation simple and easy. When using external power, 7~12V DC adapter is required.

CS-428/9AT-PRO2 Specification Sheet

| | | |
|------------------------|-----------------------|---|
| Serial | Standards | RS232(DB9 Female), RS422/485(Terminal Block) |
| | Maximum Speed | 921.6kbps |
| | Signal Lines | RS232: TXD, RXD, DTR, RTS RS422: TXD+, TXD-, RXD+, RXD- RS485: TRXD+, TRXD- |
| | RS422 Mode | Point to Point, Multi-Drop |
| | RS485 Mode | Echo, Non-Echo |
| | Parity bit | None, Even, Odd |
| | Dip Switch | RS422/485 Selectable |
| | Protection | 15kV Surge Protection |
| Hardware & Environment | LED | TXD, RXD, PWR |
| | Size | 36.8(W) x 74.2(L) x 19(H) mm |
| | Weight | 33g |
| | Operating Temperature | -40 ~ 85℃ |
| | Storage Temperature | -40 ~ 85℃ |
| | Humidity | 5~95% Non-condensing |
| | Certification | KC, CE |
| Ordering information | | CS-428/9AT-PRO2 |

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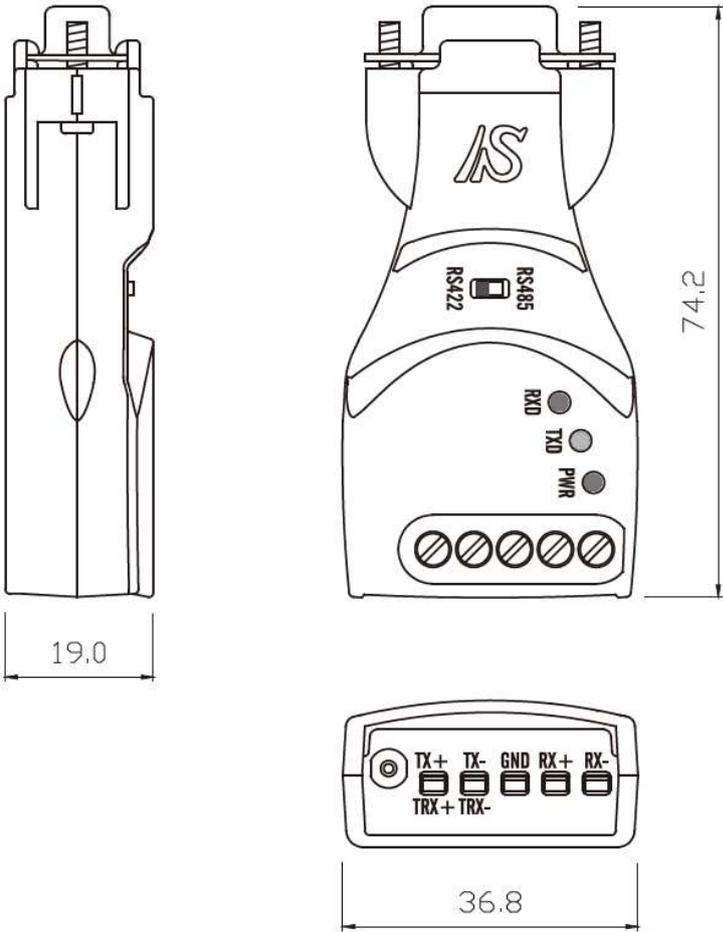
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Specifications subject to change without notice



Dimension _____



unit : mm