



HXSP-2108C Industrial Grade RS-232/RS-485/RS-422 Converter

Specification & Features:

Standard: Accord EIA RS-232, RS-485, RS-422 standard.

Connector: DB9 female on RS-232 side, DB9 male with 6 terminal block on RS-485/RS-422 side.

Work methods: asynchronous, point to point or multi-point, 2 wire half-duplex.

Transmission medium: twisted pair cable or shielded Wire

Baud rate: 300~115000bps.

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Introduction:

HXSP-2108C is an industrial-grade optical isolation multifunctional converter with external power supply, it compatible with RS-232/RS-485/RS-422 standard. It can change the single-ended RS-232 signal to balanced RS-485/RS-422 signal, The internal optoelectronic isolator and DC Voltage stabilizer can effective lightning suppression , and the ESD offer 600W Surge Protection for each line, it can avoid the lightning strike and prevent interference effectively. RS-232 interface use the DB9 female connector connect with the serial of computer ,on the other side RS-485/RS-422 use the DB9 male connect with 6 terminal board. Since the RS-485 support two wire half duplex, which means the RS-485 only have two lines to receive data and send data. Handshaking signal(RTS Request To Send) usually control the direction of data sending, the inner circuit of HXSP-2108C converter is able to auto sensing the direction of data flow, and switch to ENABLE CONTROLS automatic. A RS-485 network can be built convenient without any handshaking signal; the RS-485 ENABLE CONTROLS is full transparent, no need to modify any software for the old working method based on RS-232. HXSP-2108C converter comes with external power supply, the characteristic have small in design, long transmission distance, performance stable, etc. it is mainly used for the field of electricity, industrial automatic control, IC card billing system and time attendance, one card solution, access control system, parking system, and so on.

Detail Specification & Features:

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Baud rate: 300~115000bps.

Signal indication: three signal indication LEDs(TXD,RXD,POWER).

Surge Protection: 600W.

ESD Protection: 15 KV.

Isolation Voltage: 3.5KV Instantaneous, 500V DC continuous

Transmission distance: 0~5KM.

Dimension: 90mm x 65mm x 25.5mm.