



DATA SHEET
CUA32-MST-XX-CS04
CUA32-MST CONTROLLER WITH REAL-TIME SNIFFING CONNECTOR

NEWSON NV

Table of Contents

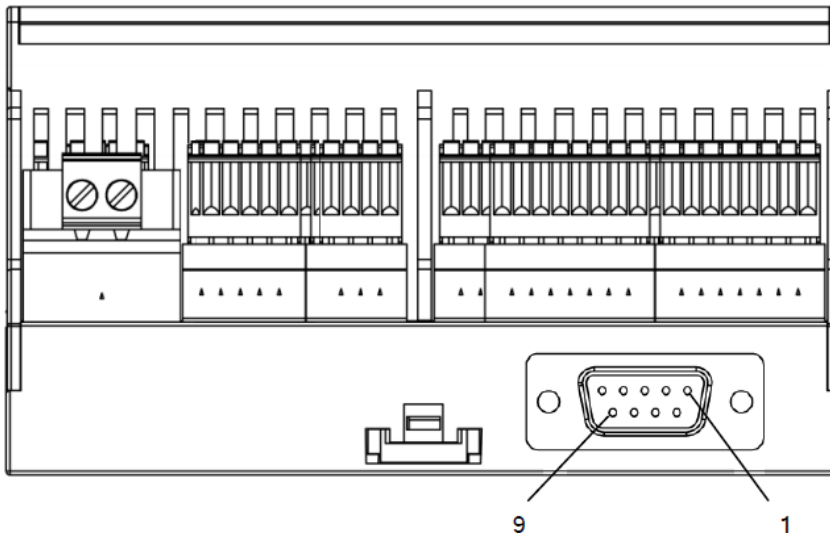
1	DESCRIPTION	3
2	DATA SNIFFING EXTENSION	3

1 DESCRIPTION

The CUA32-MST-XX-CS04 controller provides a REAL-TIME SNIFFING extension connector. Through the extra 9-pin D-SUB connector the protocol between deflector and CUA32 controller can be sniffed to receive the uncalibrated actual positions of the deflectors real-time.



2 DATA SNIFFING EXTENSION



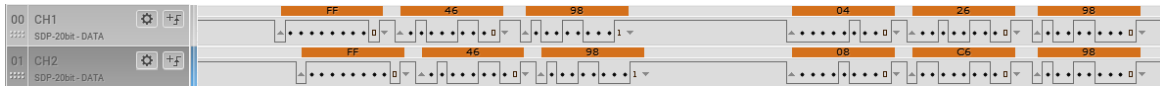
All IO's on this connector are connected to the internal CUA32-TGT board. Refer to "CUA32-XXX family building blocks" for more information relating to IO types.

Pin Nr.	Name	Type	Description
1	Ch1	Sniffer (*)	Deflector data sniffer (5V logic output, Ri 100 ohm)
2	Ch2	Sniffer (*)	Deflector data sniffer (5V logic output, Ri 100 ohm)
3	Ch3	Sniffer (*)	Deflector data sniffer (5V logic output, Ri 100 ohm)
4	NC	NC	Do not connect
5	GND		Ground
6	IO5	IO type 2	5V logic and analog IO
7	IO6	IO type 2	5V logic and analog IO
8	IO7	IO type 2	5V logic and analog IO
9	IO8	IO type 2	5V logic and analog IO

(*) Refer to 'Datasheet: RTA-AXX-3G (Deflector)' for more information relating to the deflector protocol

Example:

SDP 20-bit trace using a logic analyzer from Saelae



Order codes:

CUA32-MST-DC-CS04,

Master control unit; 24-48 VDC

CUA32-MST-AC-CS04:

Master control unit; integrated PWS 100-240V AC