SERVOSTAR™ 600 Multidrive – Communication via RS 232

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Function - Description
The data communication for controlling several servo drives is built to the first amplifier via RS 232 and to all additional one via CAN bus. Necessary conditions are the same CAN –bus baud rate and different addresses for each drive.

Settings
Command ADDR sets the servo amplifier address
Command CBAUD sets the CAN – bus baud rate
Command COLDSTART causes a drive reset and activates the new configurations
The parameter ADDR and CBAUD are activated after a drive reset only.
Command SCAN determine the quantity and addresses of the connected drives via CAN - bus.
Command SAVE saves the settings into the EEPROM

Example: Communication with 3 SERVOSTAR™ 600.
The baud rates and addresses are set via RS 232:
ASCII - Commands:
CBAUD 500
ADDR 5 \{5 = 1. SR 600 , 7 = 2.SR600, 8 =3. SR 600\}
SAVE
COLDSTART

The data transmission to all the drives are made: To the first drive (address 5) via RS 232 and all additional ones via CAN-Bus. (Y- Cable e.g. SR0Y or SR6Y6 see price list)
ASCII - Commands
SCAN \{scans the via CAN bus connected drives\}
2 7 8 \{ CAN-Communication to 2 drives with the addresses 7 and 8\}
\{ select drive with address 7\}
\{ inquiry, which drive is connected to the PC\}
Drive answer 7 \{ drive 7 is selected\}
10 \{ select drive 1, in this case the „Servo - Master“ with \}
\{ original – address 5\}