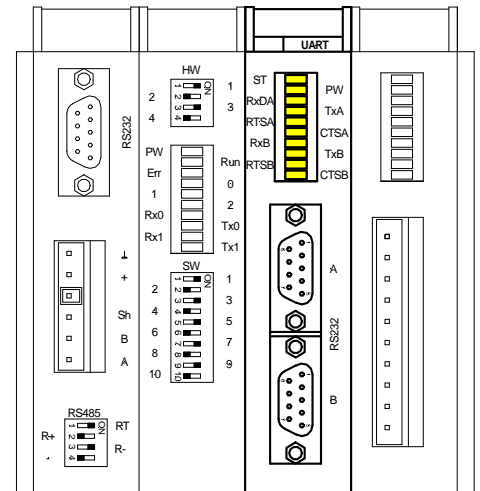


AD-UART

Communication Module

- Two RS232 communication lines without galvanic separation
- The same connectors wiring as for PC, all modems signals are connected
- Transmission rate 60 Bd to 115.2 kBd
- Terminals, modems or other devices controlled over RS232 can be connected
- Interface selection by application
- Self-stacking connection to the AD-CPU167 unit, 35 mm DIN rail mounting
- Support in DB-Net information system

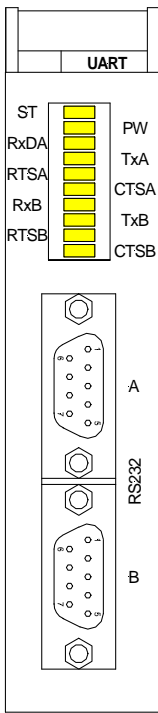


TECHNICAL DATA

Communication	2 x RS232
UART	16C550
Transmission rate	60 Bd to 115.2 kBd
Galvanic separation	No
Logical 0 (input)	Min. +3 V, max. +15 V
Logical 1 (input)	Min. -15 V, max. -3 V
Logical 0 (output)	Min. +5 V, max. +10 V
Logical 1 (output)	Min. -10 V, max. -5 V
Line protection	Transil 600 W
Output short circuit current	Typically 10 mA, unlimited duration
Power supply	Internal
Max. internal source consumption	60 mA at 5 V DC
Others	
Max. number of modules	16
Module position in system	No limitation
Signal connection	2 x CANON 9, male
Cover protection rate	IP20
AD-UART operating temperature	0 to 70 °C
AD-UART/I operating temperature	-40 to 70 °C
Max. ambient humidity	< 95 % non-condensing
Mounting	35 mm DIN rail
Weight	200 g
Dimensions (w x h x d)	25 x 104 x 96 mm

ORDERING INFORMATION

AD-UART	2 x RS232 communication module, data sheet, warranty card
AD-UART/I	2 x RS232 communication module with temperature range -40 to 70 °C, data sheet, warranty card



CANON CONNECTOR WIRING

PIN	Signal	Input / Output
1	DCD	Input
2	RxD	Input
3	TxD	Output
4	DTR	Output
5	GND	-
6	DSR	Input
7	RTS	Output
8	CTS	Input
9	RI	Input

WIRING EXAMPLE OF PROTECTIVE BONDING CIRCUIT

(not all signals are shown)

