

DATA CONVERTERS



DH485



DU485

Data converters play a very important role in ACS-line systems. They accommodate systems bus signal transfer to standard computer interface signals, allowing ACS-line system modules, which operate on RS485 bus, to be connected directly to the computer or computer network to accommodate data transfer and processing.

If only 1 device is connected over the distance of less than 15 m, there is no need to use a data converter, as the device can be connected to COM port of the computer.

Product Code	Description
DL232	Converter RS485 – RS232, with CANON 9 cable
DU485	Converter RS485 – USB, including cable and driver for WINDOWS
DH485	Converter RS485 – ETHERNET

TIP: Any TCP interface device can be also used as DH485 data converter. Such a device is always connected to LAN and other modules can be connected to its internal RS485 port, just like to data converter DH485.

TECHNICAL SPECIFICATION

Type designation	DH485	DU485
Power Supply	DC 10 - 15V (typ. 12V)	USB (5V)
Input current	75 mA @12V (max. 80 mA) (without additional modules)	50 mA
Size (h x w x d)	115 x 80 x 40 mm	80 x 80 x 24 mm
Board size PS	90 x 70 x 18 mm	
Casing	IP 40	
Weight	125 g with cover	59 g with cover
Working temperature	-25 °C to +65 °C	
Storage temperature	-40 °C to +65 °C	-40 °C to +65 °C
Ethernet interface	10BaseT - IEEE 802.3	
Supported protocols	TCP, UDP, TELNET, ARP	
Communication interface	RS485, RS232C, RS232TTL	RS232, RS485, USB 1.0
Communication speed	2400, 4800, 9600, 19200, 38400, 57600, 115200	
Parity	no, even, odd	
Number of data bits	7,8	
Handshake	RTS/CTS, XON/XOFF	
Buffer	Serial line 2048 bytes Ethernet interface 512 bytes	
Number of input	3x TTL 5V	
Number of output	3x open collector max. 10 mA	

