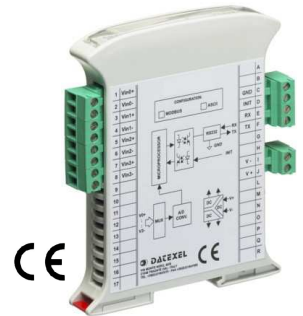


## Isolated interface converter

### Features:

- Asynchronous serial data transmission;
- Automatic baud-rate fitting up to 115.2 Kbps;
- Distance up to 1200 m;
- Point to point connection or multipoint connection up to 32 modules;
- DC or AC power supply;
- Galvanic isolation on all ways;
- EMC compliance – CE mark;
- Suitable for DIN rail mounting in compliance with EN-50022;



### Types of converter:

Type	Interface converter	Specification
DAT 3580	RS 232 ↔ RS 485 / 422	Asynchronous serial data transmission
DAT 3580 – USB	USB ↔ RS 485 / 422	Asynchronous serial data transmission
DAT 3880 - MBTCP	Modbus TCP ↔ Modbus RTU	Ethernet 10/100Base -T, Modbus TCP, RS 485
DAT 3590	Repeater isolator RS 485 / 422	Asynchronous serial data transmission

### Technical specifications:

Baud-rate	Max. 115.2Kbps
Max. distance / baud rate ratio (recommended)	1.2km / 38400bps
	2km / 19200bps
	3km / 9600bps
	4km / 4800bps
	5km / 2400bps
7km / 120bps	
Number of modules in multipoint	Max. 32 modules
Switching time TX / RX (485)	150us
Internal terminator resistance (opt)	120Ω
Power supply	10 ÷ 30Vdc
	9 ÷ 18Vac
	18 ÷ 30Vac (optional)
Current consumption	35 ÷ 45mA / 24Vdc
Isolation voltage	2000Vac, 50Hz, 1min
EMC	Immunity : EN 61000-6-2
	Emission: EN 61000-6-4
Operative temperature	-60 ÷ 60°C
Storage temperature	-40 ÷ 85°C
Relative humidity (not condensed)	0 ÷ 90%
Conection RS 485 / 422	Removable screw terminals
Conection RS 232	DB 9, removable terminals
Conection USB	Connector USB type A ~1.8m
Conection Ethernet	RJ 45
Housing material	Self – extinguishing plastic
Mounting	DIN rail EN-50022
Weight	~ 160g

### Dimensions (mm) :

