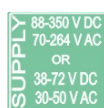


RS485 to 4x, 5x, 6x, 7x MULTIMODE FIBER OPTIC STAR COUPLER

Con.	19,2 k-115 kBAUD	4,8 k-38,4 kBAUD
ST	CMU100 / x.5.6.6.6.6 - 12	CMU100 / x.M.6.6.6.6.6 - 12
	CMU100 / x.5.6.6.6.6.6 - 12	CMU100 / x.M.6.6.6.6.6.6 - 12
	CMU100 / x.5.6.6.6.6.6.6 - 12	CMU100 / x.M.6.6.6.6.6.6.6 - 12
	CMU100 / x.5.6.6.6.6.6.6.6 - 12	CMU100 / x.M.6.6.6.6.6.6.6.6 - 12
SMA	CMU100 / x.5.7.7.7.7 - 12	CMU100 / x.M.7.7.7.7.7 - 12
	CMU100 / x.5.7.7.7.7.7 - 12	CMU100 / x.M.7.7.7.7.7.7 - 12
	CMU100 / x.5.7.7.7.7.7.7 - 12	CMU100 / x.M.7.7.7.7.7.7.7 - 12
	CMU100 / x.5.7.7.7.7.7.7.7 - 12	CMU100 / x.M.7.7.7.7.7.7.7.7 - 12



OVERVIEW:



DESCRIPTION:

CMU 100 star coupler is communication device that transfer data from one (master) to more than one (slave) port. Example is when we need access to one device with several PCs. It can also be used when we need access to multiple devices with one PC.

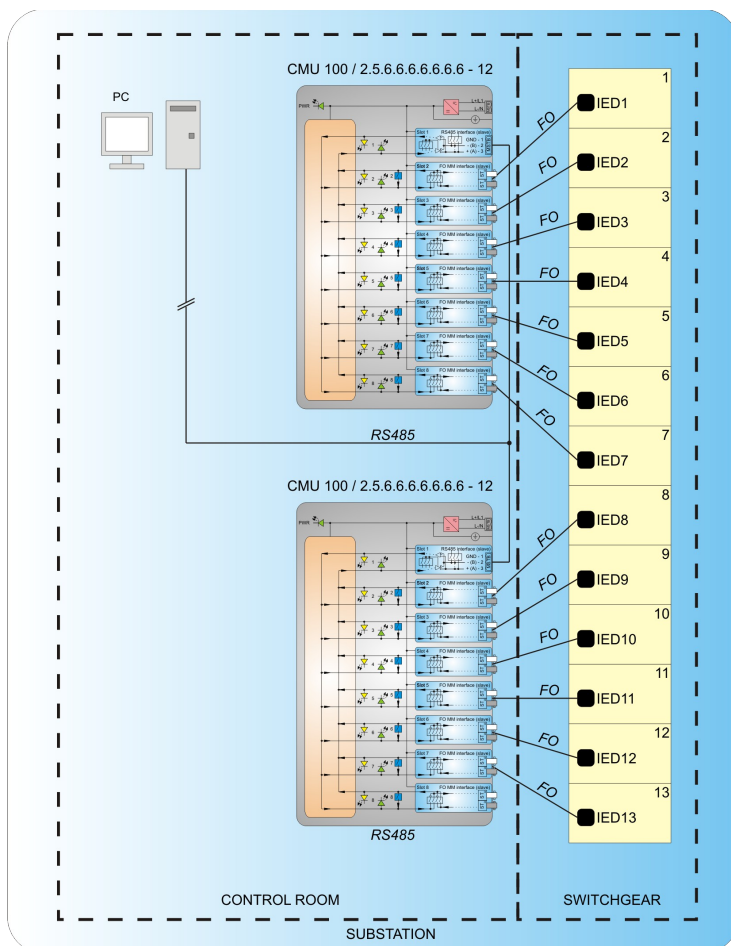
This device contains one RS485 interface (master) and 4x, 5x, 6x or 7x multimode fiber optic (slaves). Data is send from master port to all slave ports. On the other hand, data from either slave port is send to master port only.

Fiber optic communication allows longer distances between devices without electromagnetic disturbances. Device fiber optic interfaces has 820 nm wave lenght with ST or SMA connector. Fiber optic logic can be set to positive or negative logic for transmitter and receiver separately. They can be set by DIP switch at the front side of the communication interface. RS485 is half duplex, 2 wires interface that can be connected to the RS485 bus with up to 32 devices. Three RS485 interfaces, allow different data rate. Device data transfer rate depends on chosen RS485 interface.

Three power supplies allows connection to DC 110-250 V, AC 230 V or DC 48-60 V, AC 48 V or DC 24 V voltage.

Device requires no maintenace. All normaly used connectors, switches and light indicators are accessed at the front side of the device. One light indicator indicates power supply voltage, others indicate communication transfer.

TYPICAL APPLICATION:



ORDERING:

CMU 100 / ☐ . ☐ . ☐ . ☐ . ☐ . ☐ . ☐ . ☐ . ☐ . ☐ - ☐

Power supply:

DC 110-250 V, AC 230 V ...	2
DC 48-60 V, AC 48 V	8
DC 24 V	4

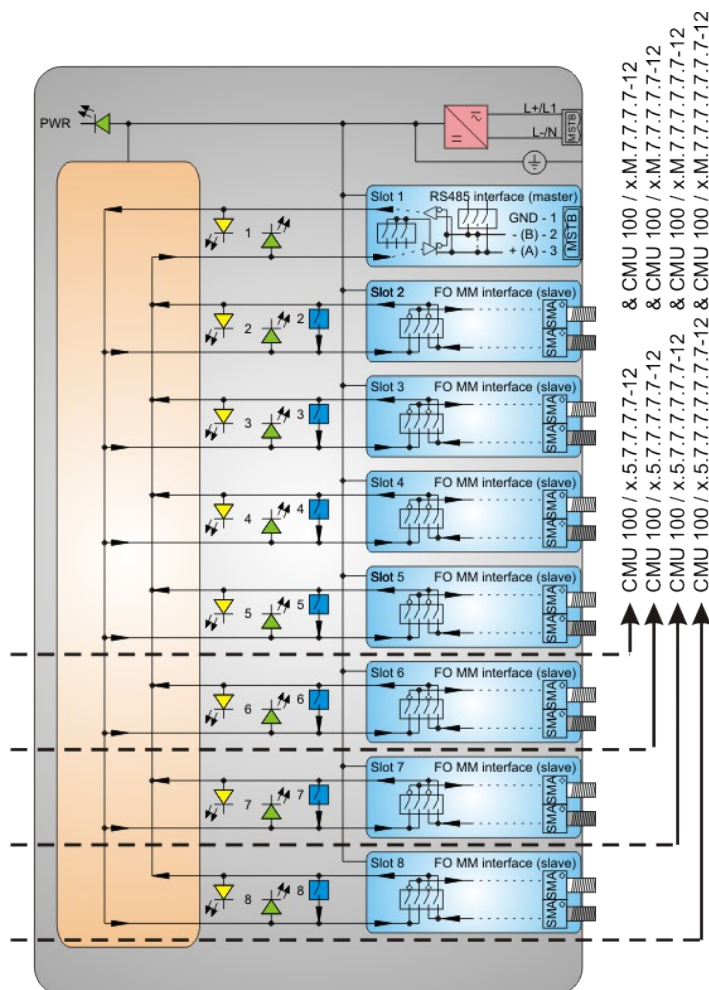
Interfaces:

None	(leave empty)
RS232 Rx & Tx support	1
RS485 half duplex:	
19,2–115,2 kbit/s	5
4,8–38400 kbit/s	M
300–2400 bit/s	L
Plastic (650 nm, 1 mm) FO (<40 kbit/s, 110 m) ..	P
Multimode (820 nm, <2,048 Mbit/s, 1,5 km) FO:	
ST connector	6
SMA connector	7
Singlemode (1310 nm, <2,048 Mbit/s, 20 km) FO:	
SC connector	S
FC connector	T
ST connector	U
USB (one virtual com port)	8
Ethernet 10/100Base-TX (100 m)	9
To be used together:	
100Base-TX (100 m)	E
100Base-FX multimode FO (1300 nm, 2 km) ..	F

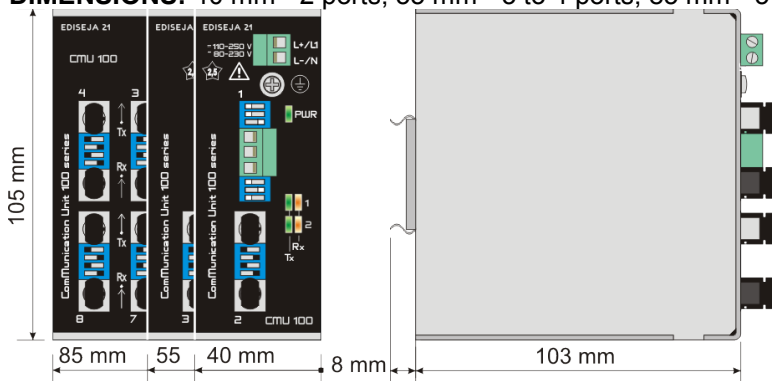
Function:

Converter 2 ports	0
Converter 2 ports, 4 groups (4 indep. ch.)	7
Star coupler (1 master, 2 to 7 slaves)	12
Star coupler (2 masters, 2 to 6 slaves)	5
Star coupler (3 masters, 3 to 5 slaves)	9
Node	8

SCHEMATIC:



DIMENSIONS: 40 mm - 2 ports, 55 mm - 3 to 4 ports, 85 mm - 5 to 8 ports



SIMILAR PRODUCTS



RS232 / 2x RS232
CMU 100 / 2.1.1.1

RS232 / 2x FO MM
CMU 100 / 2.1.6.6

FO MM / 7x RS232
CMU 100 / 2.6.1.1.1.1.1.1

RS232 / 7x FO MM
CMU 100 / 2.1.6.6.6.6.6.6

10/100 Base-Tx / 7x FO MM
CMU 100 / 2.9.6.6.6.6.6.6