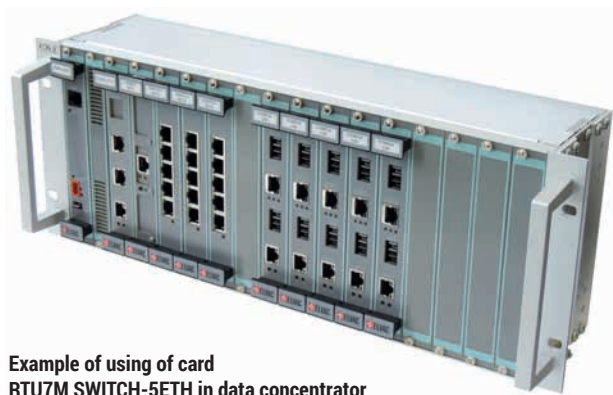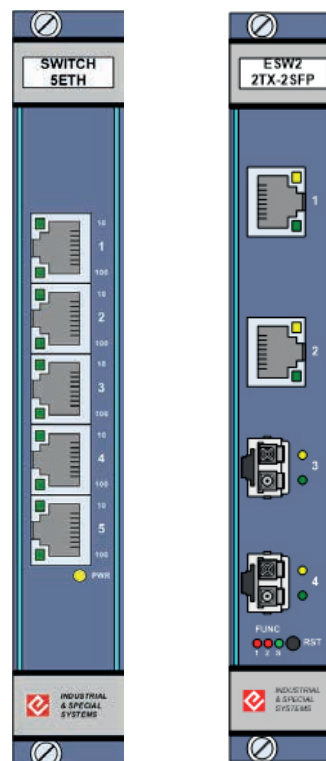# RTU7M – Card with Ethernet Switch

General Description

In cases where it is necessary to expand the number of communication links with an Ethernet interface, the RTU7M SWITCH-5ETH card is available. Basically, it is the traditional Ethernet switch in the form of the card for RTU7M, which means that internally, this card does not communicate with the RTU unit, it only takes the power from it. All connections are done externally using connecting cables. The advantage is that it is not necessary to resolve the power supply and backup as in the case of external switches, and it will save the space. The number of cards installed into the system is limited only by the space in the chassis.

Another option is card ESW2 equipped with two metallic Ethernet ports and two SFP ports, which can be internally connected with COMIO-PC3 communication card. Then Ethernet ports on COMIO PC3 card and on ESW2 can work in physically separated networks.

**Example of using of card
RTU7M SWITCH-5ETH in data concentrator**

**Front panel of cards RTU7M SWITCH-5ETH
and ESW2 2TX-2SFP**

Technical Specification

Card	RTU7M SWITCH-5ETH	ESW2 2TX-2SFP
Interface	5 × RJ-45, 10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, auto MDI/MDI-X connection	2× RJ-45, 10/100BaseT(X) auto negotiation speed, Full/Half-duplex mode, auto MDI/MDI-X connection, 2× SFP module
Standards	IEE 802.3, 802.3u, 802.3x	
Consumption	Max. 3 W	Max. 1,5 W without SFP modules
Position in bus	Any	