

# TECOMAT TC700 – Communication modules

Type	SC-7103	SC-7104
Ethernet 10/ 100 Mbps	No	Yes
Serial slots	2	2

## Basic features

- Communication modules are designed to expand the capacity of system communication channels of the central units CP-700x.
- SC-7104 can add the second Ethernet port with the own IP address and 2 serial ports.
- SC-7103 can add only two serial ports.
- Both serial ports on the module must be equipped by optional submodule MR-01xx to give full functionality. See MR-01xx datasheet.
- SC-710x must be placed in the same rack as the CP-700x module.
- For CP-7000 (and older) only one SC-710x can be added.
- For CP-7004 up to 4 communication modules can be added and only one SC-7104 with Ethernet port can be among them.
- By inserting communication modules the second Ethernet port and serial ports become the system communication channel.

## Connecting

- SC-710x communication modules can be inserted in any position but in the same rack as the CP-700x central module. The best position is next to CP-700x.
- Ethernet port has standard RJ-45 socket.
- Serial ports are connected by screw less 10 pin connectors by the wires up to 1 mm<sup>2</sup> cross section.

## Use

- Communication modules are designed to expand the capacity of communication channels of the CPU CP-700x.
- The type of the physical interface like RS-232, RS-485, RS-422, CAN etc. can be chosen by optional submodules MR-01xx.
- The protocol running on each port must be chosen by SW configuration in the MOSAIC development environment.



SC-7103

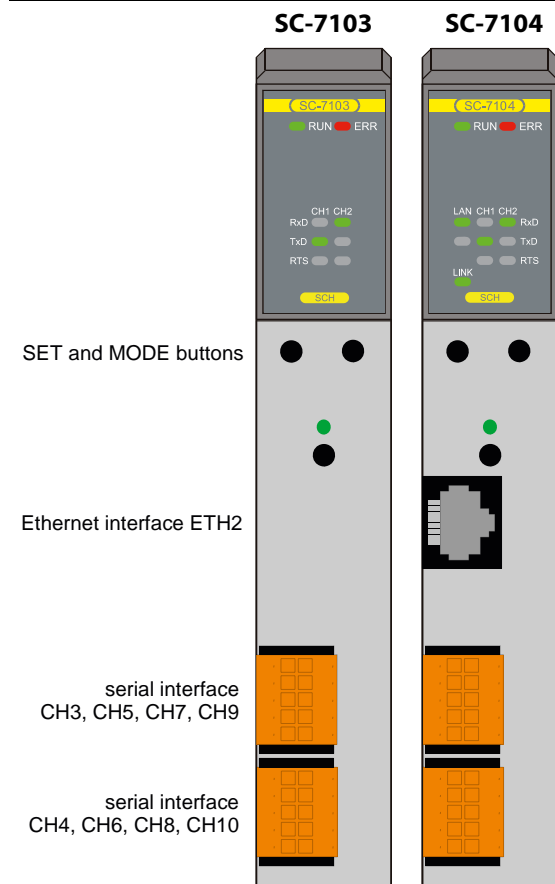


SC-7104

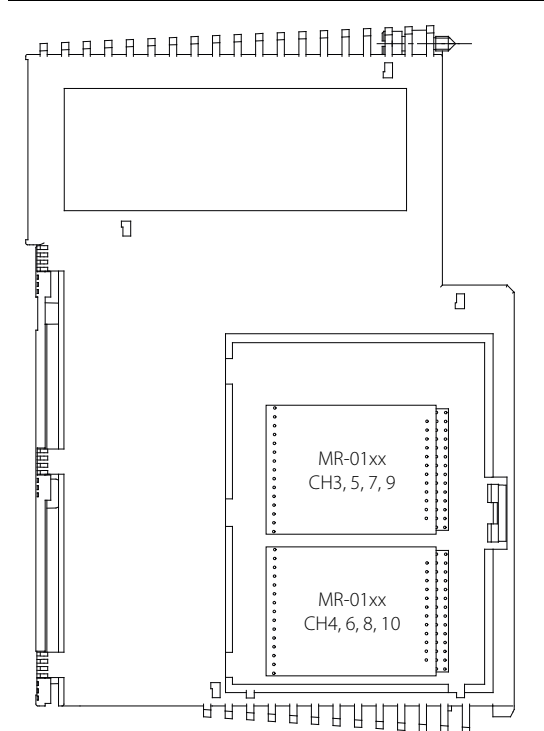
Communication	SC-7103	SC-7104
Ethernet port	No	1 × 10/ 100 Base TX
Supported protocols on Ethernet port		TCP/IP, UDP/IP, HTTP, SMTP, MODBUS TCP
Serial ports	2 × free slot for optional interface (see submodules MR-0xxx)	2 × free slot for optional interface (see submodules MR-0xxx)

Dimensions and weight	SC-7103	SC-7104
Dimensions	137 × 30 × 198 mm	137 × 30 × 198 mm
Weight	300 g	300 g

## Front panels



## Installation of submodules



## Order number

TXN 171 03	SC-7103, 2 serial channels
TXN 171 04	SC-7104, 2 serial channels, 1 × ETHERNET 10/ 100 Mbps RJ-45