

# Product data sheet



## Industrial interface converter RS-485 to Ethernet MC-485-TCP TSX EKF

Item code: TSX-MC-485-TCP

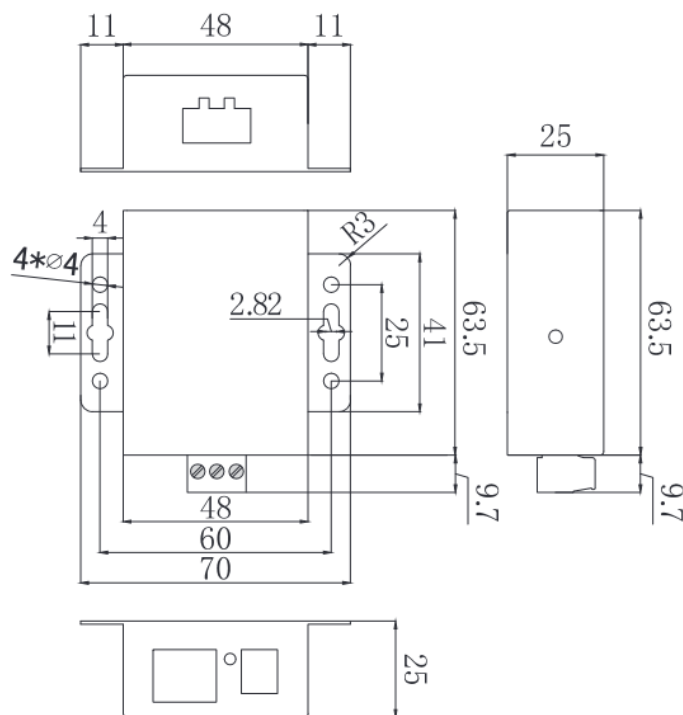
TSX-MC-485-TCP industrial interface converter is intended for connecting RS-485 enabled serial devices to an Ethernet network. Supports several modes of operation, including TCP Server, TCP Client and UDP and features an easy-to-use web management interface.

## Specifications

|                                    |                                                        |
|------------------------------------|--------------------------------------------------------|
| <b>Power supply</b>                |                                                        |
| Supply voltage                     | 4,75 ... 7 V DC<br>(Rated 5 V / 1 A)                   |
| Operating current                  | 150 mA @ 5 V                                           |
| <b>Ethernet port</b>               |                                                        |
| 10/100BASE-T 10/100 Mbps, MDI/MDIX | 1 x RJ45                                               |
| Supported network protocols        | IP, TCP, UDP, DHCP, DNS, HTTP, ARP, ICMP               |
| Protection                         | Ethernet port electric insulation strength over 2000 V |
| Buffer                             | Tx: 6 kb<br>Rx: 4 kb                                   |
| <b>Serial port</b>                 |                                                        |
|                                    | RS-485, 2 wire (A+, B-)                                |
| Data bit                           | 5, 6, 7, 8                                             |
| Stop bit                           | 1, 2                                                   |
| Parity bit                         | None, Even, Odd, Space, Mark                           |
| Baud rate                          | 600 – 240                                              |
| Buffer                             | Rx: 800 bytes                                          |
| <b>General</b>                     |                                                        |
| Operating temperature              | -25...+75 °C                                           |
| Storage temperature                | -40...+75 °C                                           |
| Relative humidity                  | 5...95% RH non-condensing                              |
| Cooling                            | Convection                                             |
| Degree of protection               | IP40                                                   |
| MTBF                               | 100 000 hours                                          |

## Overall Dimensions

|           |            |           |
|-----------|------------|-----------|
| Width, mm | Height, mm | Depth, mm |
| 70        | 25         | 63,5      |



Overall and installation dimensions



Use standard Ethernet cable to connect to an Ethernet switch or directly to a PC