

# Multiplex-Transmitter+Receiver-Modules MUXS + MUXE



## Technical Data

Supply:  
 Transmitter: Via data line  
 Receiver: Direct  
 Operating voltage: 24 VDC  
 Input sensitivity (Transmitter): < 2 kΩ  
 Output driver (Receiver): Clocked  
 Driver current (Receiver):  
 max. 200 mA/Channal  
 Polarity driver (Receiver): – switching  
 Ambient temperature: -40° to 85°C

Short-circuit detection and shutdown of the driver in the event of malfunction.

### Dimensions:

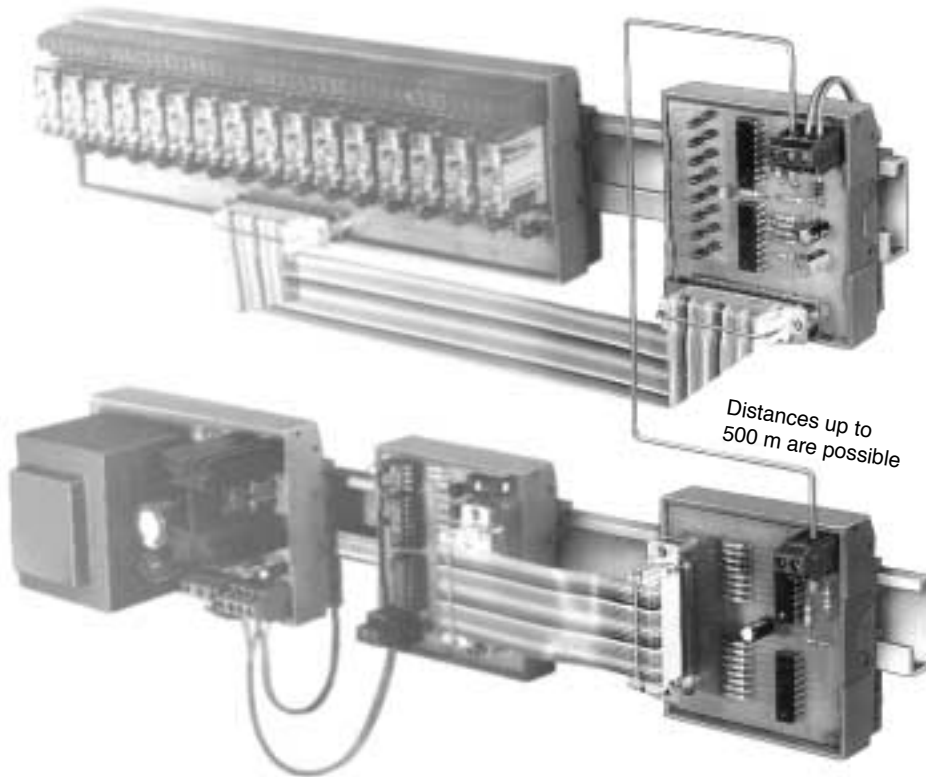
Height above the housing edge:  
 25 mm / 0.98 in  
 (total height plus 30 mm)  
 Length: 69 mm / 2.72 in  
 Width: 76 mm / 3.00 in

## Description

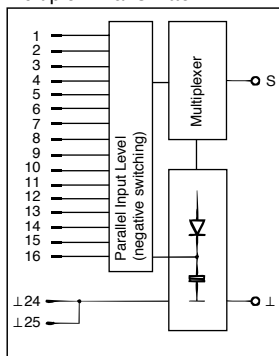
The multiplex transmitter/receiver modules electronically acquire control signals from various sources and transmit these serially, i.e. in succession via only one line. In the receiver, the data is reconverted to parallel transmission and the contact elements (addresses) are activated, so that the use of multi-wire lines between the transmitter and receiver can be avoided. Disturbances caused by mechanical, electrical or other influences are detected and eliminated by resetting in conjunction with cyclic scanning operations. The address outputs (driver) are designed for relay control and are short-circuit proof. The modules are easy to wire via sub-miniature connectors or screw terminals. The transmitter inputs can be driven with virtually all electronic switching elements. The complete control system, including programmable controller, requires only one power supply. Already existing systems can be extended with minimum wiring.

## Options

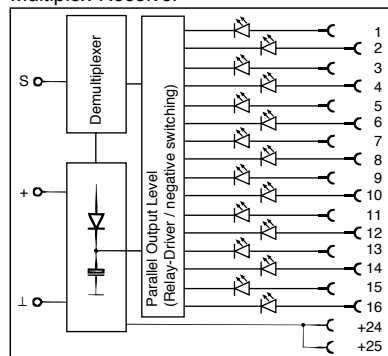
☒ Customer specified designs.



Multiplex-Transmitter



Multiplex-Receiver



## Order Table

<b>Module-Type:</b> Transmitter → <b>MUXS</b> Receiver → <b>MUXE</b>	<b>Number of In-/Out Channels:</b> <b>16</b>	<b>Operating Voltage (VDC):</b> <b>024</b>	<b>Housing:</b> Module Housing M-512 <b>Z</b>
<b>1 6 - 0 2 4 - Z</b>			
Type-Designation			

