

SMI2 M Time

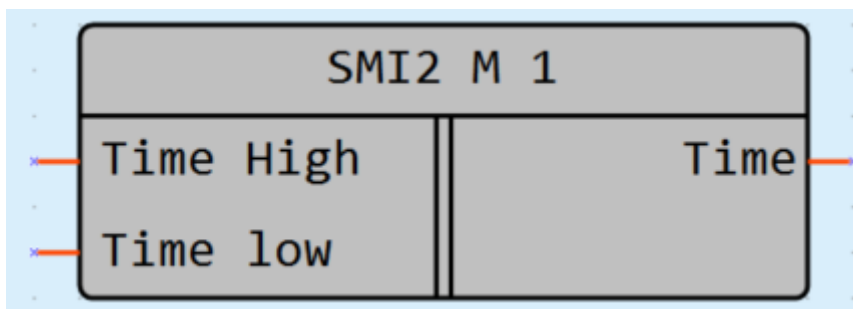


Figure 1 – Symbol

Inputs	Data type	Description	Range
Time High	Int	High time class	0..99
Time Low	Int	Low time class	0..59
Outputs	Data type	Description	Range
Time	Int	Time value on SMI2-M in XX:YY format	0..5999

Explanation of how macro works

The macro is designed to generate a TIME type value in the XX:YY format in the SMI2-M Modbus indicator.

Example

The TIME output is calculated using the formula: $60 * \text{TIME_high} + \text{TIME_low}$.

The maximum possible value displayed on SMI2-M is 99:59 (TIME = 5999).

To set the value of 12:45 on the SMI2-M indicator, you must:

Apply the integer 12 to the TIME_high input of the macro.

Apply the integer 45 to the TIME_low input of the macro.

Connect the TIME macro output to the TIME network variable of the SMI2-M template (register 4252).

Version	1.0
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