



### Main

|                           |                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product          | Modicon TSX Micro automation platform                                                                                                                    |
| Product or component type | Counter modules                                                                                                                                          |
| Counting input number     | 2                                                                                                                                                        |
| Counting frequency        | 40 Hz                                                                                                                                                    |
| Network frequency         | 100 Hz                                                                                                                                                   |
| Input voltage             | 24 V DC<br>5 V DC                                                                                                                                        |
| Input current             | 18 mA                                                                                                                                                    |
| Input voltage limits      | <= 5 V at state 0 24 V DC<br>>= 11 V at state 1 24 V DC<br><= 1.2 V at state 0 5 V DC<br>>= 2.4 V at state 1 5 V DC<br>19...30 V 24 V DC<br>5.5 V 5 V DC |
| Input current limits      | >= 3.7 mA at state 1 5 V DC<br><= 2 mA at state 0 24 V DC<br>>= 6 mA at state 1 24 V DC<br><= 1 mA at state 0 5 V DC                                     |

### Complementary

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| Response time       | 8 ms master task<br>1.5 ms event processing                                       |
| Sensor power supply | < 2.5 V                                                                           |
| Current consumption | 15 mA                                                                             |
| Logic input         | Positive                                                                          |
| Input impedance     | >= 0.44 Ohm 5 V DC at U = 2.4 V<br>1.4 Ohm 24 V DC at Un<br>0.27 Ohm 5 V DC at Un |
| Response time       | 3 ms                                                                              |
| Input type          | Resistive 24 V DC                                                                 |
| Input compatibility | 2-wire/3-wire proximity sensor 24 V DC                                            |
| Product weight      | 0.21 kg                                                                           |

### Environment

|           |                         |
|-----------|-------------------------|
| Standards | IEC 1131 Type 2 24 V DC |
|-----------|-------------------------|

### Offer Sustainability

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status | Not Green Premium product                                                             |
| RoHS (date code: YYWW)   | Compliant - since 0849 - <a href="#">Schneider Electric declaration of conformity</a> |