

## TSXDEY16D2

Industrial automation components

<b>Manufacturer</b>	Schneider Electric
<b>Catalog number</b>	tsxdey16d2
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.15 kgs
<b>Voltage</b>	24 V
<b>Product Type</b>	Module
<b>Signal Type</b>	24
<b>Signal Level</b>	24 V

### Description

The Schneider Electric TSXDEY16D2 is a discrete input module designed for the Modicon Premium automation platform. This module features 16 isolated inputs operating at 24 V DC, enabling reliable signal acquisition from a variety of industrial sensors and switches. It is compatible with both 2-wire and 3-wire proximity sensors, adhering to EN/IEC 60947-5-2 standards. Each input channel consumes 7 mA, with a guaranteed voltage state of  $\geq 11$  V and a current state of  $\geq 6.5$  mA for a logical '1', and a voltage state of  $\leq 5$  V and a current state of  $\leq 2$  mA for a logical '0'. The module offers a response time of 4 ms, ensuring swift processing of input signals. With an input impedance of 4000 Ohms at state '1', it ensures minimal signal degradation. The TSXDEY16D2 operates within a temperature range of 0 to 60°C, making it suitable for various industrial environments. Its compact design facilitates easy integration into existing Modicon Premium systems, optimizing space in control cabinets while maintaining system flexibility.