# Product data sheet
## Characteristics

# TSXDEY64D2K
## discrete input module Modicon Premium - 64 I 24 V DC



## Main

| | |
|---|---|
| Range of product | Modicon Premium Automation platform |
| Product or component type | Discrete input module |
| Discrete input number | 64 current sink isolated conforming to EN/IEC 61131-2 type 1 |
| Discrete input voltage | 24 V DC positive |
| Sensor power supply | 19...30 V |
| Discrete input current | 3.5 mA |

## Complementary

| | |
|---|---|
| Voltage state 1 guaranteed | >= 11 V |
| Current state 1 guaranteed | >= 3 mA |
| Voltage state 0 guaranteed | <= 5 V |
| Current state 0 guaranteed | <= 1.5 mA |
| Input impedance | 6300 Ohm at state 1 |
| Response time | <= 7 ms<br>4 ms |
| Isalotion resistance | < 10 MOhm 500 V DC |
| Power dissipation | (1.5 W + 0.1 W x No of channels used) |
| Electrical connection | HE-10 connector |
| Marking | CE |
| Current consumption | 155 mA 5 V DC<br>315 mA 24 V DC |
| Module format | Standard |
| Product weight | 0.37 kg |

## Environment

| | |
|---|---|
| Dielectric strength | 1500 V AC at 50/60 Hz |
| Standards | 73/23/EEC<br>89/336/EEC<br>92/31/EEC<br>93/68/EEC<br>CSA C22.2 No 142<br>EN/IEC 61131-2<br>IEC 60664<br>UL 508 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| | CSA C22.2 No 213 Class I Division 2 Group A<br>CSA C22.2 No 213 Class I Division 2 Group B<br>CSA C22.2 No 213 Class I Division 2 Group C<br>CSA C22.2 No 213 Class I Division 2 Group D |
| Product certifications | ABS<br>BV<br>DNV<br>GL<br>LR<br>RINA<br>RMRS |
| Ambient air temperature for operation | 0...60 °C |
| Ambient air temperature for storage | -25...70 °C |
| Relative humidity | 10...95 % without condensation for operation<br>5...95 % without condensation for storage |
| Operating altitude | 0...2000 m |
| Protective treatment | TC |
| IP degree of protection | IP20 |
| Pollution degree | 2 |

## Offer Sustainability

| | |
|---|---|
| RoHS (date code: YYWW) | Compliant - since 0847 - Schneider Electric declaration of conformity<br>Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations |

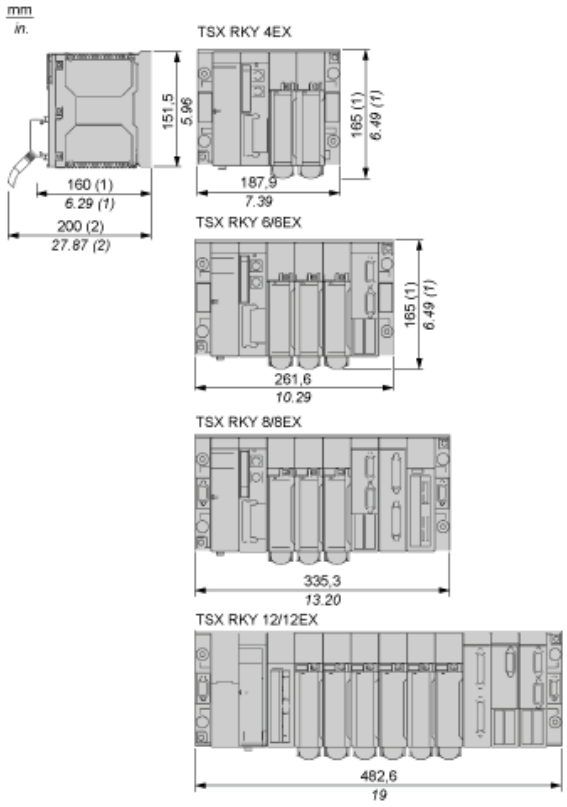
## Contractual warranty

| | |
|---|---|
| Warranty period | 18 months |

# TSXDEY64D2K

## Standard and Extendable Racks for Modules Mounting

### Dimensions of Modules and Racks



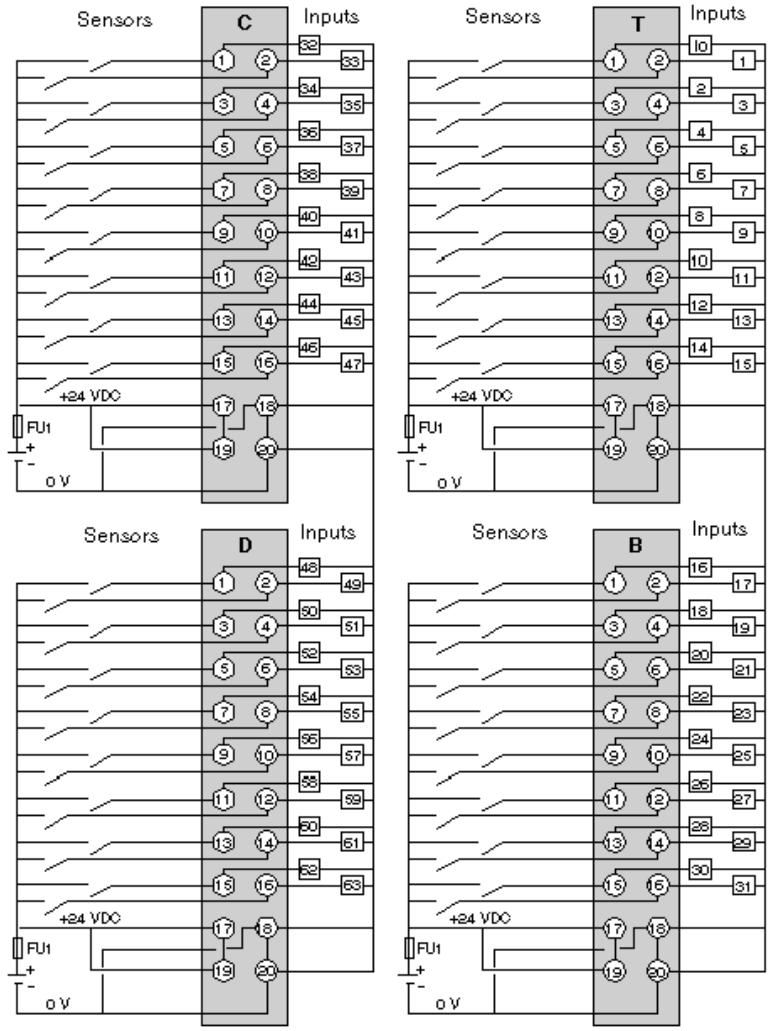

(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.

# TSXDEY64D2K

## 24 Vdc Discrete Input 64-Channel Module

### Wiring Diagram




FU1 0.5 A quick-blow fuse

## TSXDEY64D2K is replaced by:



Standard environment BMXDDI6402K

discrete input module M340 - 64 inputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design