

# TSXDEY64D2K

discrete input module Modicon Premium - 64 I 24 V DC

Product availability: Stock - Normally stocked in distribution facility

Price\*: 1512.00 USD



## Main

|                           |                                                              |
|---------------------------|--------------------------------------------------------------|
| Commercial Status         | Commercialised                                               |
| 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 state1 guaranteed  | $\geq 11$ V                           |
| Current state 1 guaranteed | $\geq 3$ mA                           |
| Voltage state 0 guaranteed | $\leq 5$ V                            |
| Current state 0 guaranteed | $\leq 1.5$ mA                         |
| Input impedance            | 6300 Ohm at state 1                   |
| Response time              | $\leq 7$ ms<br>4 ms                   |
| Insulation 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        | 315 mA 24 V DC<br>155 mA 5 V DC       |
| Module format              | Standard                              |
| Product weight             | 0.82 lb(US) (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<br>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 | 32...140 °F (0...60 °C)                                                                                                                                                                                                                                                                                    |
| Ambient air temperature for storage   | -13...158 °F (-25...70 °C)                                                                                                                                                                                                                                                                                 |
| Relative humidity                     | 5...95 % without condensation for storage<br>10...95 % without condensation for operation                                                                                                                                                                                                                  |
| Operating altitude                    | 0...6561.68 ft (0...2000 m)                                                                                                                                                                                                                                                                                |
| Protective treatment                  | TC                                                                                                                                                                                                                                                                                                         |
| IP degree of protection               | IP20                                                                                                                                                                                                                                                                                                       |
| Pollution degree                      | 2                                                                                                                                                                                                                                                                                                          |

## Ordering and shipping details

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Category              | 22558 - TSX PREMIUM, ATRIUM & PL7 PRO             |
| Discount Schedule     | PC22                                              |
| GTIN                  | 00785901725534                                    |
| Nbr. of units in pkg. | 1                                                 |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y                                                 |
| Country of origin     | FR                                                |

## Offer Sustainability

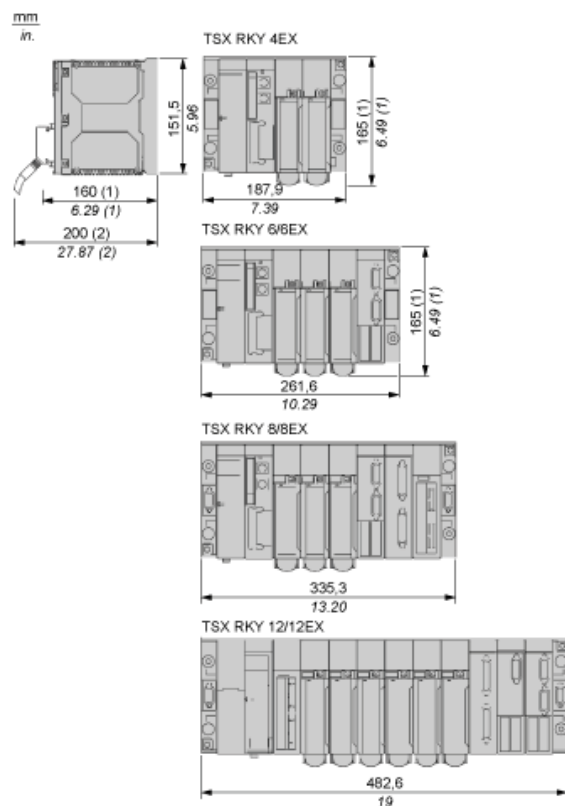
|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| Sustainable offer status         | Not Green Premium product                                                                |
| RoHS (date code: YYWW)           | Compliant - since 0847 - <a href="#">Schneider Electric declaration of conformity</a>    |
| REACH                            | Reference contains SVHC above the threshold - <a href="#">go to CaP for more details</a> |
| Product end of life instructions | Need no specific recycling operations                                                    |

## Contractual warranty

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

## Standard and Extendable Racks for Modules Mounting

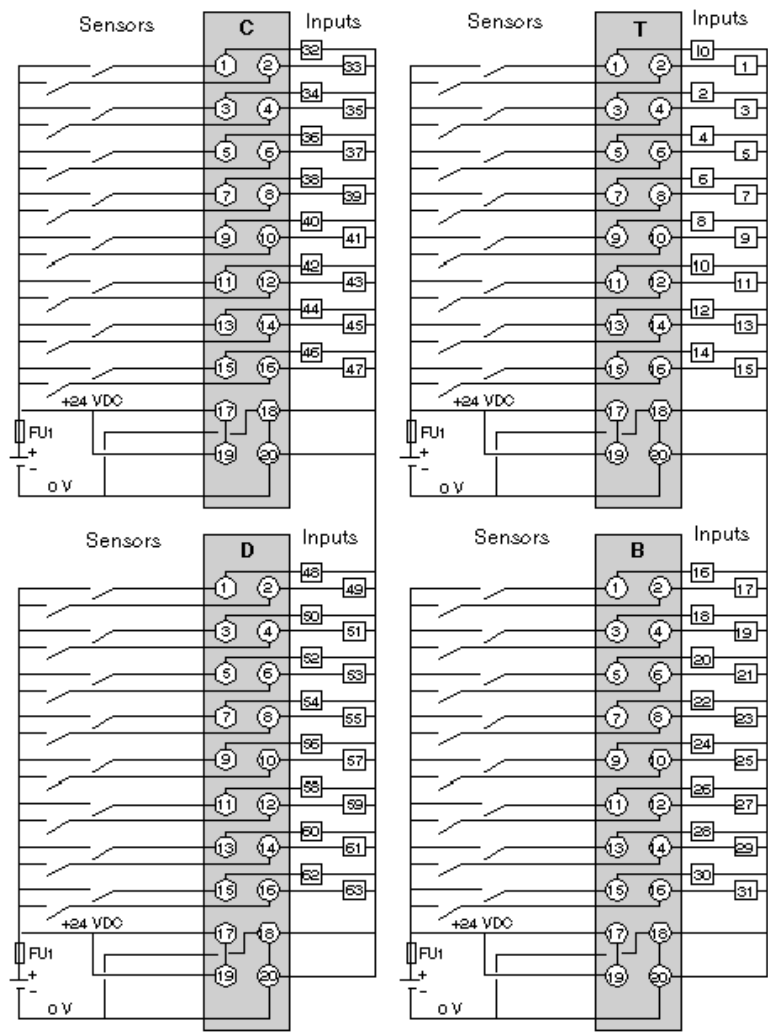
### Dimensions of Modules and Racks



- (1) With screw terminal block modules.  
(2) Maximum depth for all types of modules and their associated connectors.

24 Vdc Discrete Input 64-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse