

# TSXDSY64T2K

discrete output module Modicon Premium - 64 O  
solid state



## Main

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| Range of product          | Modicon Premium Automation platform                     |
| Product or component type | Discrete output module                                  |
| Discrete output number    | 64                                                      |
| Discrete output type      | Solid state protected                                   |
| Discrete output voltage   | 24 V DC positive conforming to EN/IEC 61131-2 19...30 V |

## Complementary

|                               |                                 |
|-------------------------------|---------------------------------|
| Current per channel           | $\leq 0.1$ A                    |
| Current per module            | $\leq 5$ A                      |
| Leakage current               | $< 0.1$ mA 30 V                 |
| Tungsten load                 | $\leq 1.2$ W                    |
| [Ures] residual voltage       | $< 1.5$ V                       |
| Response time                 | 1.2 ms                          |
| Paralleling of outputs        | Yes : 3 maximum                 |
| Output overvoltage protection | By transil diode                |
| Reverse polarity protection   | Reverse mounted diode           |
| Output overload protection    | Automatic trip                  |
| Short-circuit protection      | Automatic trip                  |
| Load impedance                | $> 220$ W at state 1            |
| Insulation resistance         | $> 10$ MOhm 500 V               |
| Power dissipation             | (2.4 W + 0.1 W x No of outputs) |
| Product compatibility         | Dial and Power                  |
| Marking                       | CE                              |
| Electrical connection         | 4 connectors HE-10              |
| Current consumption           | 155 mA 5 V DC                   |
| Module format                 | Standard                        |
| Product weight                | 0.36 kg                         |

## Environment

|                                       |                                                                                                                                                                                                                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dielectric strength                   | 1500 V 50/60 Hz 60 s                                                                                                                                                                                                                                                                       |
| Standards                             | CSA C22.2 No 213 Class I Division 2 Group C<br>CSA C22.2 No 213 Class I Division 2 Group B<br>93/68/EEC<br>89/336/EEC<br>CSA C22.2 No 213 Class I Division 2 Group D<br>CSA C22.2 No 142<br>UL 508<br>CSA C22.2 No 213 Class I Division 2 Group A<br>IEC 61131-2<br>92/31/EEC<br>73/23/EEC |
| Product certifications                | GL<br>BV<br>RINA<br>RMRS<br>LR<br>DNV<br>ABS                                                                                                                                                                                                                                               |
| 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

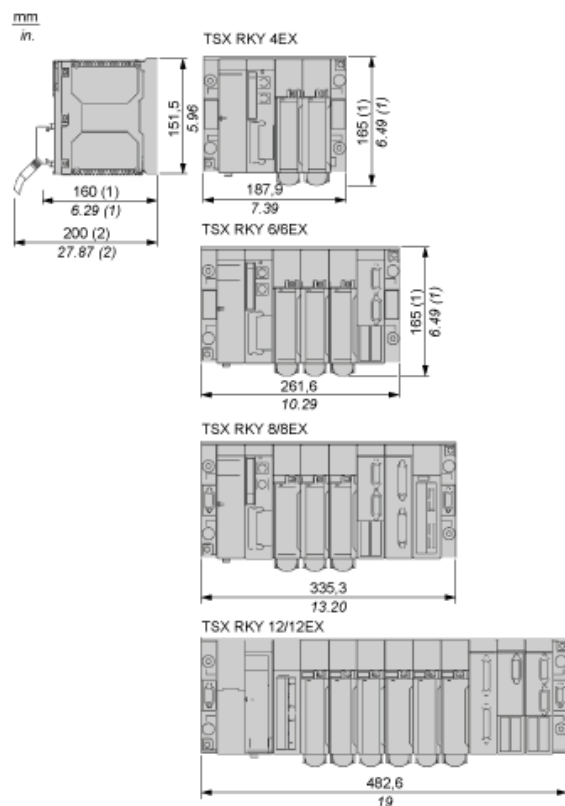
|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Not Green Premium product                                                                                                             |
| RoHS (date code: YYWW)           | Compliant - since 0910 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference contains SVHC above the threshold - Go to CaP for more details<br><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

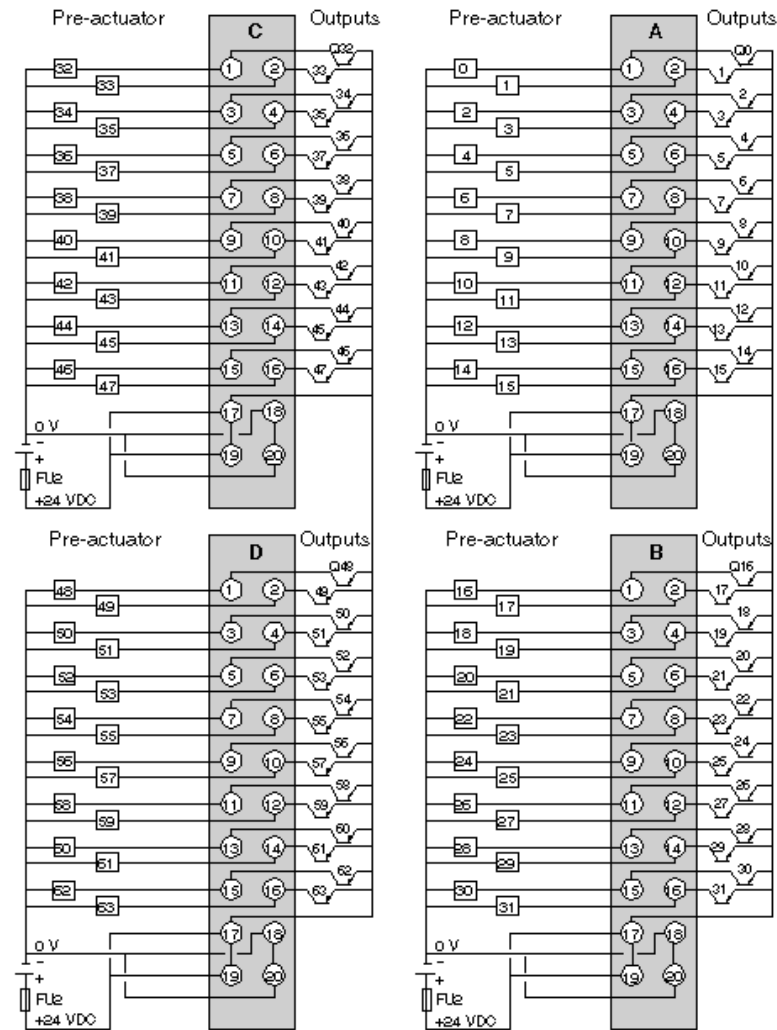
### Dimensions of Modules and Racks



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

## Discrete Transistor Output 64-Channel Module for Direct Current

### Wiring Diagram



FU2 2 A quick-blow fuse.

NOTE: It is compulsory to connect:

- the + 24 VDC to terminals 17 and 19;
- the 0 V to terminals 18 and 20.