



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

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	0.1 A
Maximum current per module	5 A
Maximum leakage current	0.1 mA, at 30 V
Maximum tungsten load	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
Minimum 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 at 5 V DC
Module format	Standard
Net weight	0.36 Kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

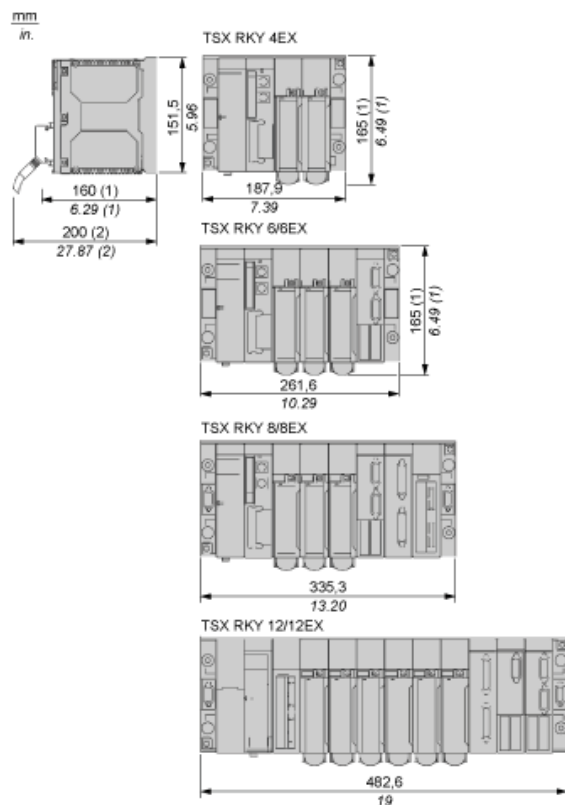
Dielectric strength	1500 V 50/60 Hz 60 s
Standards	UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group C 93/68/EEC 89/336/EEC IEC 61131-2 CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group B 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC
Product certifications	RINA DNV BV ABS GL RMRS LR
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Contractual warranty

Warranty	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

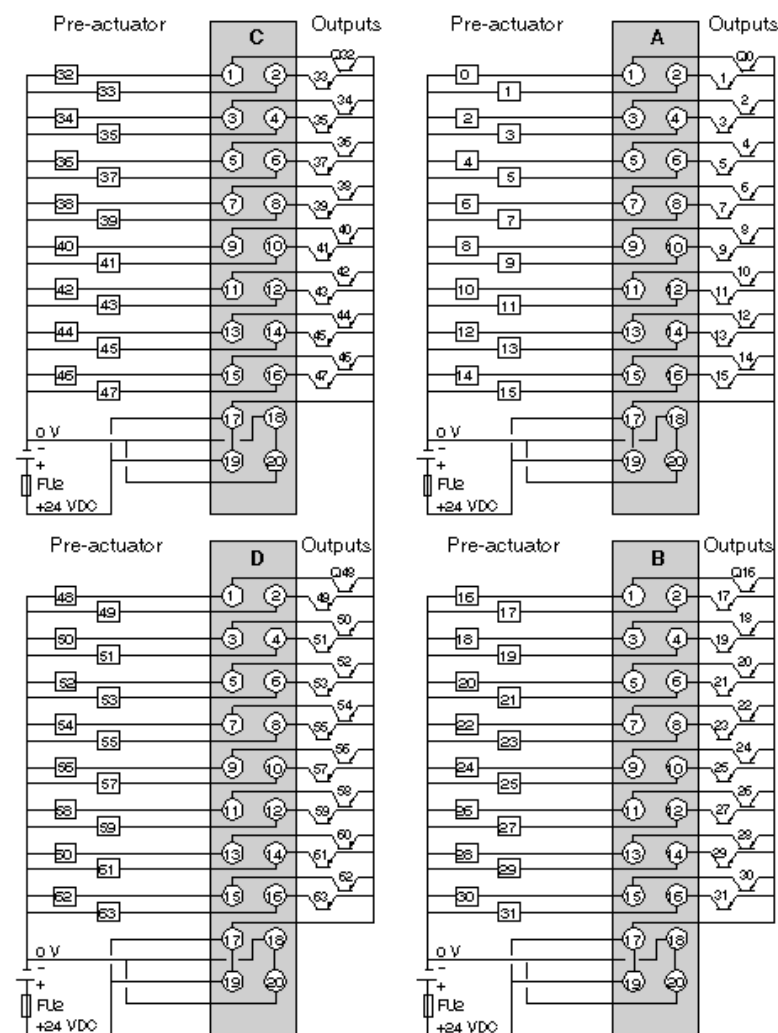


(1) With screw terminal block modules.

(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.

Product Life Status : **Post commercialisation**

TSXDSY64T2K may be replaced by any of the following products:



BMXDDO6402K

discrete output module X80 - 64 outputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |



BMXDDO6402K

discrete output module X80 - 64 outputs - 24 V DC positive

Qty 1

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



BMXDDO6402K

discrete output module X80 - 64 outputs - 24 V DC positive

Qty 1

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



BMXDDO6402K

discrete output module X80 - 64 outputs - 24 V DC positive

Qty 1

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



BMXDDO6402K

discrete output module X80 - 64 outputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2018 |



BMXDDO6402K

discrete output module X80 - 64 outputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |
