



Commercial status

End of Commercialisation :

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Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	32 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 4 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	(1 W + 0.1 W x No of channels used)
Electrical connection	HE-10 connector
Marking	CE
Current consumption	135 mA at 5 V DC 160 mA at 24 V DC
Module format	Standard
Net weight	0.3 Kg

Environment

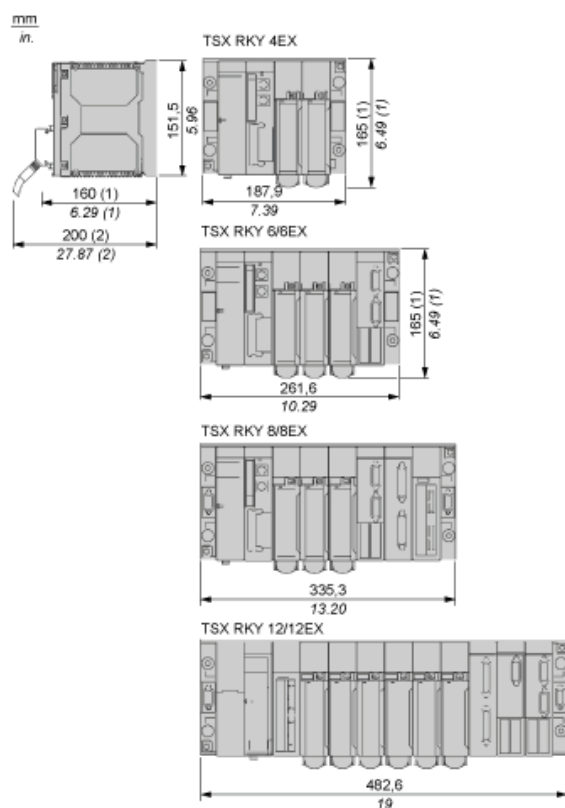
Dielectric strength	1500 V AC at 50/60 Hz
Standards	93/68/EEC 92/31/EEC CSA C22.2 No 142 EN/IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group B 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D 89/336/EEC IEC 60664 CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group A
Product certifications	ABS GL RMRS BV LR RINA DNV
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	Conformal coating Humiseal 1A33 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

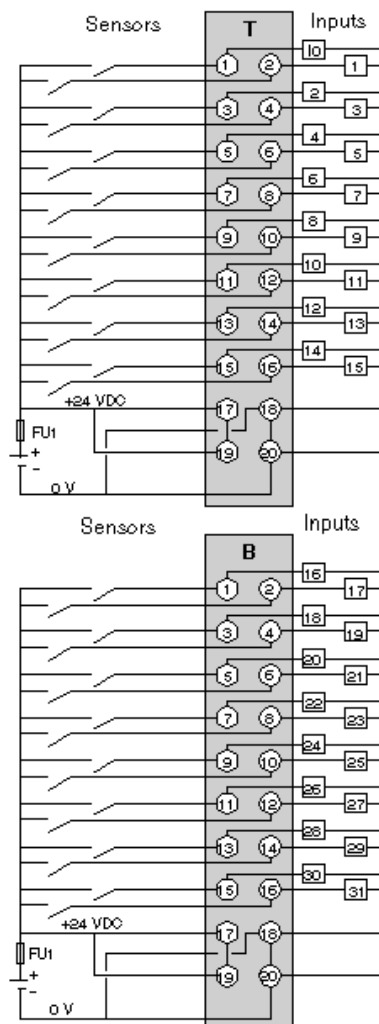


(1) With screw terminal block modules.

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

24 Vdc Discrete Input 32-Channel Module

Wiring Diagram



FU1 0.5 A quick-blow fuse

Product Life Status : **Post commercialisation**

TSXDEY32D2KC may be replaced by any of the following products:



BMXDDI3202K

discrete input module X80 - 32 inputs - 24 V DC positive

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2017 | Not same dimensions/design - consult us for coated version



BMXDDI3202K

discrete input module X80 - 32 inputs - 24 V DC positive

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BMXDDI3202K

discrete input module X80 - 32 inputs - 24 V DC positive

Qty 1

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