



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	Modicon Premium Automation platform
Product or component type	InterBus bus module
Product specific application	For Premium PLC
Structure type	Industrial bus
Number of tap-offs	<= 16 remote bus

Complementary

Physical interface	Combined interface InterBus loop RS485 remote bus RS485 with 24 V DC in cable installation remote bus TTL local bus
Method of access	Master/Slave generation 4
Mode of transmission	NRZ
Transmission rate	500 kbit/s
Transmission support medium	2 x 1.5 mm ² InterBus loop Fiber optic remote bus Infrared remote bus Rotating collector remote bus Twisted pair remote bus Wave guide rail remote bus
Maximum length of segment	200 M InterBus loop 400 M remote bus
Maximum cable distance between devices	1.5 M local bus between 2 bus terminals modules 1.5 M local bus between bus terminal module and first module 10 M InterBus loop between 2 bus terminals modules 10 M local bus between bus terminal module and last module 100 M InterBus loop between bus terminal module and last module 12800 M remote bus between module and last station on the remote bus 20 M InterBus loop between bus terminal module and first module 400 M remote bus between 2 bus terminals modules 400 M remote bus between module and the first bus terminal module 50 M installation remote bus between 2 bus terminals modules 50 M between bus terminal module and first module 50 M installation remote bus between bus terminal module and last module
Number of loops	1 InterBus loop
Number of bus terminals module	254 remote bus
Number of slave	512 remote bus 63 InterBus loop 8 local bus
Maximum input/output number	Remote bus: 4096 with 3872 and 3872

Communication service	Bus operating modes management Cyclical variable exchange Logical addressing PMS messaging Pre-processing Segmentation Implicit exchange of data process 242 %IW 242 %QW
Local signalling	6 LEDs
Electrical connection	1 connector female SUB-D 9 RS232 CMD tool software support 1 connector female SUB-D 9 RS485 Interbus link
Current consumption	500 mA at 5 V DC
Module format	Standard
Protective treatment	Conformal coating Humiseal 1A33
Net weight	0.32 Kg

Environment

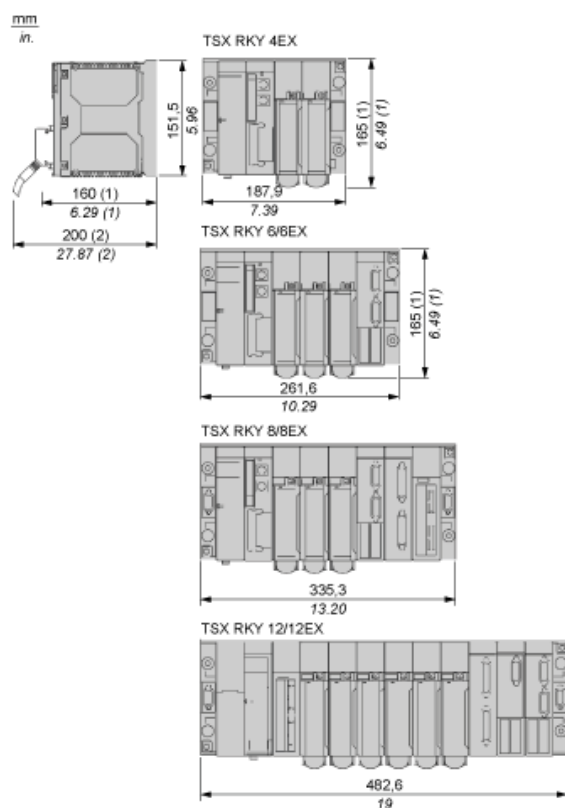
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
Operating altitude	0...2000 m
IP degree of protection	IP20

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.

Product Life Status : **Post commercialisation**