



Single Mode Fiber Switch MicroNet Plus and TMR RTN Networks

Product Change

The RTN network is used to connected MicroNet Plus and 5200-TMR systems with expansion chassis and (in the case of the MicroNet Plus) RTN Gateways. This requires the use of Ethernet switches. Because the RTN network is tightly synchronized, it requires switches with specific performance capabilities and low latency. Only switches specifically qualified by Woodward should be used in RTN networks.

Woodward currently offers copper and MM (Multi-Mode) fiberoptic switches qualified for RTN. In response to customer requests Woodward has now qualified an SM (Single-Mode) fiber switch.

Description

The new switch is Phoenix part number 2702331 – FL Switch 2206-2FX SM. The switch is also available from Woodward under part number 1711-1410.

Single Mode fiber allows for much longer distances between switches. This switch can also be used for sites that have standardized on SM fiber regardless of transmission length and is qualified by Woodward for use with MicroNet Plus and TMR RTN networks. Basic specifications are:

- Six RJ45 ports, 10/100 Mbps
- 2 SC Single Mode Fiber ports, 100 Mbps
- Hazardous location certified – ATEX/IECEX Zone 2, North American Class 1 Div 2
- Ambient Temperature limit of -40 to +70C

See Phoenix Contact data sheet for 2702331 for more details

Customer Action

Use this switch with MicroNet Plus or TMR RTN networks when longer transmission distances are required, or when the customer site specifies SM fiber.

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