

Ethernet Switch with Fiber Port Replacement MicroNet Plus RTN Expansion Network

Issue

Phoenix Contact has discontinued the currently approved Ethernet switches (both copper and fiber) used for systems with RTN expansion chassis.

Description

Woodward has qualified one Ethernet switch designed by Hirschmann to replace the obsolete Phoenix switch with fiber port.

Hirschmann Ethernet Switch with Fiber:

- Seven RJ45 ports, 10/100 Mbps
- Two SC multi-mode fiber ports, 100 Mbps
- Hazardous location certified: ATEX Zone 2, North American Class 1 Div 2
- Marine certified: DNV-GL
- Temperature range: -40°C to +70°C

See Hirschmann Spider III Premium brochure for more details.

Please see item number cross-reference below:

Affected Units

Obsolete Phoenix Item Number	Configuration Description	New Hirschmann Item Number	Configuration Description
1711-1350	8 port copper	TBD	8 port copper
1711-1351	7 port copper 1 port fiber	1711-1349	7 port copper 2 port fiber

Customer Action

Woodward has completed a Last Time Buy with Phoenix for item number 1711-1350 to cover future demand. No action is required if ordering the 1711-1350 currently. Woodward's Last Time Buy with Phoenix for item number 1711-1351 is depleted. Please switch all forecast and orders over to the new item numbers as indicated above.

Note: Woodward has not qualified the new Hirschmann switches and old Phoenix switches when used together within the same RTN network. Both the Hirschman and Phoenix switches have high reliability rates and replacements should not be common. However, in the event of a failure or need for spare parts, Woodward recommends that the switches be replaced in matching sets (either all Hirschmann or all Phoenix on the same system).

Future Direction

Woodward is working to qualify another copper only Ethernet switch in preparation for the depletion of the current Phoenix Last Time Buy stock. This PCN will be updated upon completion.

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