

R200

8 port Ring Switch



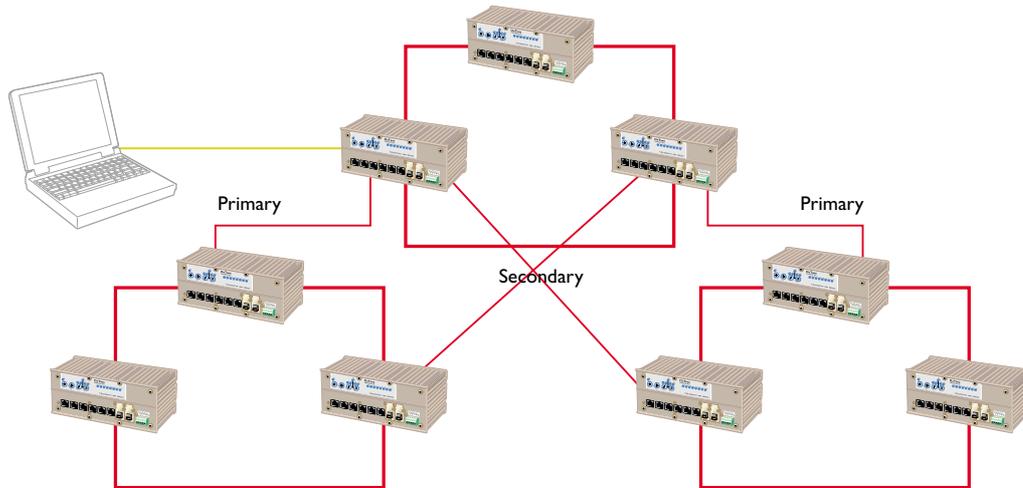
Specifications as in U200 and:

- ⌘ SNMP management facility (Simple Network Management Protocol)
- ⌘ User configurable fault contact
- ⌘ Fast Re-configuration of Network (<30 ms)
- ⌘ Private MIB's for extended management
- ⌘ SNMP traps
- ⌘ IGMP snooping (Internet Group Management Protocol)
 - IGMP server
 - IP Multicast filtering
- ⌘ Easy to use software for configuration

Field of application

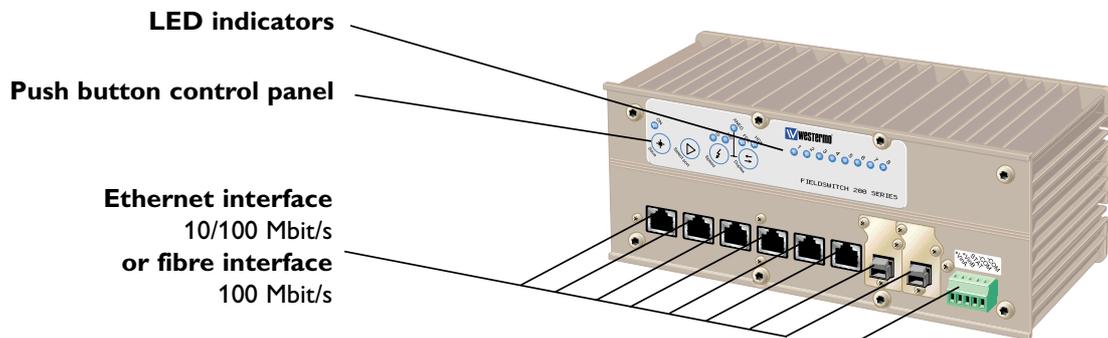
The R200 further enhances an industrial Ethernet network by enabling switches to be formed into a redundant ring configuration to eliminate network failure. The managed fast Ethernet backbone can automatically detect and reconfigure the network within 30 ms. In addition, up to 200 RingSwitches can be placed into a ring all managed by a single unit. The R200 RingSwitch is based on the FastSwitch. Therefore, all the critical switch functions are incorporated into these units. A user configurable volt free fault contact enables users to simply highlight a fault caused by redundancy manager failure, link failure or internal watchdog failure. In addition, to aid network management the switches support SNMP. Firstly, proactive monitoring of a network can for example highlight intermittent failures and trend switch operating parameters. Secondly, switches can reactively report errors and failures back to an SNMP client for display within a SCADA system.

Application



See other R200 applications on pages 34, 35, 36, 37, 38, 39, 43, 45 and 46

Interfaces



Power

	R200 multi or single mode
Rated voltage	19–60 VDC (polarity protected)
Rated current	250 mA @ 24 VDC
Rated frequency	DC
Connections	Detachable screw terminal

Data sheet available on www.westermo.com