

## INDUSTRIAL ETHERNET: UNMANAGED GIGABIT RAIL-SWITCHES

Profitek, a leading distributor of industrial communication products has introduced two new Hirschmann unmanaged Gigabit Rail-Switches to the local market, the Spider II Giga 5T EEC and the Spider Giga 5T/2S EEC, both of which are high-speed entry level, devices in the industrial Ethernet networking market.

The Hirschmann Spider II Giga 5T/2S EEC is the only unmanaged Rail-Switch available locally that has a range of up to 120kms. The Spider II Giga 5T/2S EEC has two fibre optic ports and is suitable for external usage over long distances. It is compatible with any line - / star topology; It has a 'store' and 'forward' switching mode and an extended operating temperature of -40 deg C to + 70 deg C. A relative humidity of 10% to 95%. The switch measures 35 mm x 138 mm x 121 mm and weighs 240 g.

The Hirschmann Spider II Giga 5T EEC has five UTP ports and is suitable for local areas with no more than a distance of 100 metres between switches. The Spider II Giga 5T has the following electromagnetic compatibility ratings:

- EN 61000-4-2 electrostatic discharge – 6 kV contact discharge/8 kV air discharge
- EN 61000-4-3 electromagnetic field – 10 V/m (80-1000 MHz)
- EN 61000-4-4 fast transients (burst) – 2 kV powerline, 4 kV data line
- EN 61000-4-5 surge voltage – power line: 2kV (linie/earth), 1 kV (linie/line), 1 kV data line
- EN 61000-4-6 conducted immunity – 10 kV (150kHz-80 kHz)

It has an operating temperature of -40 deg C to + 70 deg C and non-condensing relative humidity of 10% - 95%. The switch is 35 mm x 138 mm x 121 mm and weighs 240 g. It is compatible with any line -/ star topology. The port type is 5 x 10/100/1000BASE-T, with TP-cabling and RJ45 sockets and also offers auto-crossing, auto-negotiation and auto-polarity.

Delivery is ex-stock with technical back-up if required.

Profitek is the South African distributor of Hirschmann products as well as being the accredited Hirschmann Competance and Training Centre.

Further information is available from Fons de Leeuw at Profitek Tel: +27 (0) 12 664 4998

<http://www.profitiksa.com>