DAVIS DERBY

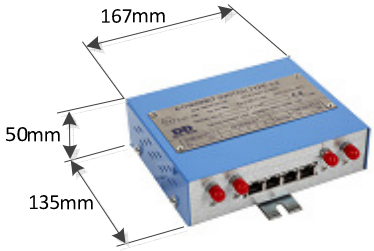
MINEWATCH

ES3-2S / ES3-2M
Intrinsically Safe Ethernet Switch & Media Convertor

Are intrinsically safe, three-port electrical, two-port optical 10/100M Ethernet switches certified Intrinsically safe for Coal mining and group II environments and are capable of switching Ethernet Traffic to and from any of the Ethernet ports.

Allow for the easy connection of intrinsically safe certified, Ethernet compatible devices such as controller interfaces, Video cameras and underground terminals into the mines fibre, high speed data backbone.





Electrical Ports (x3)

- **10/100Base-T Full or Half Duplex**
- **Auto negotiation of line rate**
- **Automatic MDI/MDIX crossover**
- **RJ45 connection**
- **100m reach**
- **Compliant with IEE802.3 (except where complying with Intrinsic safety makes this unfeasible**)

Optical Ports (x2)

- **100 Base-FX**
- **1300nm wavelength**

Other

- **LED indication for:-**

- Optical Link Activity

- Electrical Link Activity

- Data rate on electrical ports

- **Powered by 12Vdc IS supply(10.7V min)**
- **Current:-312mA@12Vdc;350mA@10.7Vdc**
- **Must be Housed in an >IP54 enclosure**

Certification

- **Sira 10ATEX2170**
- **IECEx SIR 10.0092**

Davis Derby Limited
Chequers Lane-Derby-England-DE21 6AW
Telephone: +44(0)1332 227 500Fax: +44(0)1332 372 190.
e-mail: sales@davisderby.com

Safety in Automation

www.davisderby.com

ISO9001 · ISO14001

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