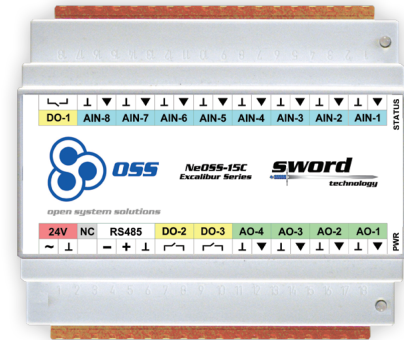


Expansion module to extend the I/O count of any **NeOSS-V3** controller. Up to 255 extra I/O points can be catered for in a distributed fashion. Modules can be up to 1 km away from the host controller making for a flexible system design.

The modules provide a cost-effective solution to increasing the point count of main controllers and are easy to setup and configure.



Key Features

- ✓ Digital/Pulse Inputs
- ✓ Universal Inputs
- ✓ Analogue Outputs
- ✓ Modbus Compatible

Specifications

Supply Voltage

- 24V AC, 30 - 36V DC
- 2 VA Typical (No outputs on)
- 6 VA Typical (Relays on, AO driving 500Ω)

Connectivity:

- RS485: NeOSS & Modbus

I/O

- 8 UI: 0-10V, 0-20mA, Thermistor, Resistive, Dry Contact, TTL Open Drain
- 4 AO: 0-10V @ 20mA
- 3 DO: 1A 24VAC Relay Contact

Physical

- Enclosure: Din rail mounted UL94-V1 Plastic
- Weight: 0.205 kg
- Dimension: L:105mm W:98mm D:59mm (ex. connectors)
- Mount: TS35 DIN Rail (Len: 103mm)

Connectors

- Power: 2 Part screw terminals
- RS485: 2 Part screw terminals
- I/O: 2 Part screw terminals

Environmental

- Storage: -20 °C to 70 °C
- Operating: 0 °C to 60 °C
- Humidity: 0 to 90 %RH non-condensing

Version

- Hardware: Issue 1.2
- Firmware: v1.3 or greater

