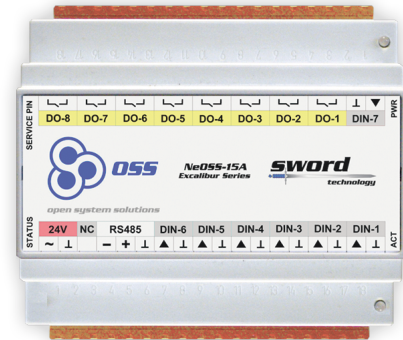


Expansion module to extend the I/O count of any **NeOSS-V3** controller. Up to 255 extra I/O points can be catered for in a distributed fashion. Modules can be up to 1 km away from the host controller making for a flexible system design.

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



## Key Features

- ✓ Pulse Counters
- ✓ Digital Inputs
- ✓ Digital Outputs
- ✓ Modbus Compatible

## Specifications

### Supply Voltage

24V AC, 30 - 36V DC  
2 VA: Typical (No outputs on)  
6 VA: Typical (Relays on)

### Connectivity:

RS485: NeOSS & Modbus

### I/O

7 DI: Dry Contact, TTL Open Drain, Pulse Counter  
8 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

