

Native IP Device

Controllers connect to your IP network. Simple to install and easily configured with a Web browser

Power over Ethernet

Although the unit requires a mains input, its possible to use PoE as a redundant power supply for the logic board providing the ability to report mains failure

I/O

Each unit supports eight analog and eight digital inputs presented on 4 way Wiedmuller type pluggable terminal blocks for support of standard movement detectors and light/temperature sensors. A 12 VDC output is supplied to power PIR's etc.

IP Integration

With Netgenium's PolicyServer the ALC0808-IP allows you to create intelligent lighting policies, saving energy. Control lighting with Time and Day schedules. React to authorised people leaving or entering a room.

Mapping functions in NGx and Milestone Smart Client console applications provide finger tip control.

Local Diagnostics

Each unit offers localized diagnostics via an eight way two-colour LED and keypad to show the status of each output. Comprehensive remote diagnostics are available via the web browser interface.



ALC0808-IP

The Netgenium ALC0808-IP is a Pure IP Lighting Controller providing the capability to control up to 8 lighting circuits with a maximum overall load of 16 Amps.

The outputs of the ALC0808-IP(P) are presented on Wieland 6-pole GST sockets providing Live, Neutral & Protective Earth. Two of the outputs have an additional Maintained Live and all eight outputs have a separate DSI output to support dimmable ballast luminaires.

The ALC0808-IP(W) offers the same functionality as above, with a wirable housing. Access to the housing is via 20mm 'knockout' conduit entries

Technical Data

Model No:

ALC0808-IP(P)
ALC0808-IP(W)

Connectivity:

1 No. 10/100 Base TX Ethernet RJ45

Mains Input:

230VAC input +/- 10%; 50Hz
2No. Wieland GST18-3 connectors (In & Loop Out)

Outputs:

| | |
|--------------------|--|
| Switched Load | 3680VA(per output – 8No.); any type of load |
| Maintained Load | 3680VA(per output – 2No.); any type of load |
| Maximum Total Load | Depends upon fusing of primary mains circuit: -16A (total) for fused circuits -20A (total) for circuits protected with MCB Type B or C |
| DSI Connection | 12VDC (250mA max) 1200 baud independent PSU 6-Pole Wieland socket (2 x GST 18-3); plugs supplied with luminaires |

Inputs:

| | |
|----------------------|---|
| Digital | Closed or Opened contact (closed to logic 0V) Unit can sense open or close state change |
| Analog | 0-12VDC input |
| Power Out Connection | 12VDC(250mA max) 4-Pole Wiedmuller type stackable header (2x16 way on unit); Plugs supplied with sensors (1-0v, 2-DG_IN, 3-AN_IN, 4-12VDC) |
| Sensors | Digital PIR, Switch(latching or retractive), any 'no-volt' contacts between 0V & DG_IN Analog 0-12VDC range, recommended Netgenium Sensors (Ambient Light, Temperature, Humidity), must use units 12VDC power. |

Indicators & Diagnostics:

| | |
|-------------------|---|
| Outputs | 8No. Two-colour LED (for Dim & Full On) 2No. Red LED for Maintained Outputs. |
| Local Diagnostics | Touch sensitive keys on unit to switch outputs On, Off & Dim. |

Housing:

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|----------|--|
| Material | 1.2mm mild steel powder coated, fully earthed. |
| Mounting | Via 2No. Screw-on brackets, providing 4No. slot holes (fixings supplied) |
| Weight | 1500gr. |

Safety:

| | |
|------------|--|
| Housing | Protection to IP20 |
| Insulation | sensors – double insulation (5.4kV) towards mains regulation – basic insulation (2kV) towards mains Ballasts / Connected regulating ballasts and dimmers must have at least basic insulation |
| Dimmers | (2kV) towards connected mains |