

DDMIDC8

Low Level Input Integrator



Specification Sheet

Gateways > Integration Devices



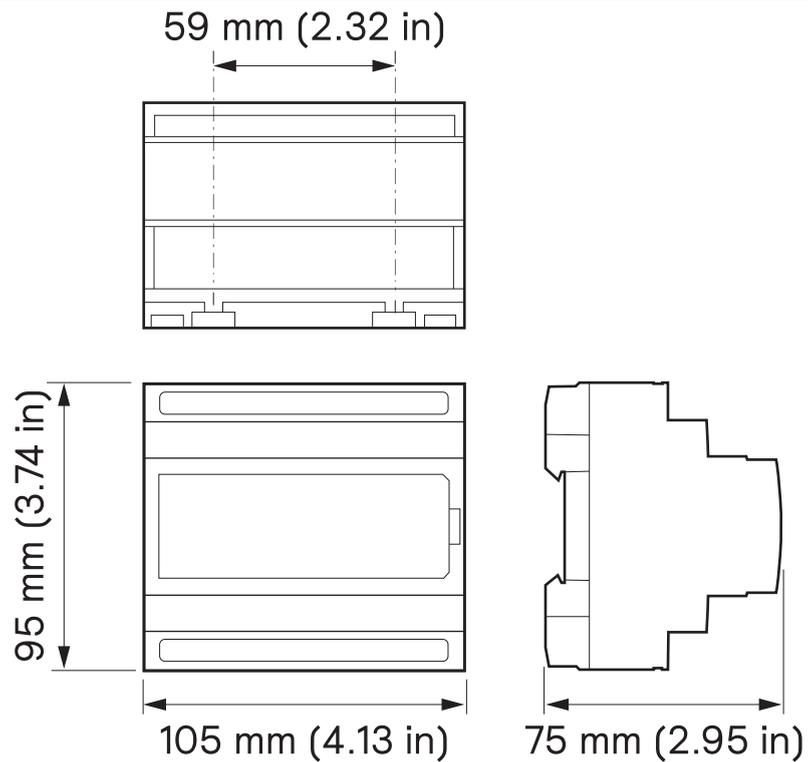
Flexible input integration

The Dynalite DDMIDC8 enables cost-effective input integration to the Dynalite control system from third-party systems such as security, HVAC, and BMS.

Key Features

- **Eight digital inputs** - Individually configurable as a dry contact or 0-24V AC/DC input.
- **LED indicator on each input** - Provides visual status indication.
- **Optical isolation** - All inputs isolated for high noise immunity.
- **Four analog inputs** - Software selectable for 0-5 V or 0-10 V.
- **Programmable Logic Controller (PLC)** - Processes comprehensive conditional and sequential logic and arithmetic functions.
- **Flexible mounting** - DIN rail mounting clips designed for installation in a distribution board or electrical enclosure.

Dimensions

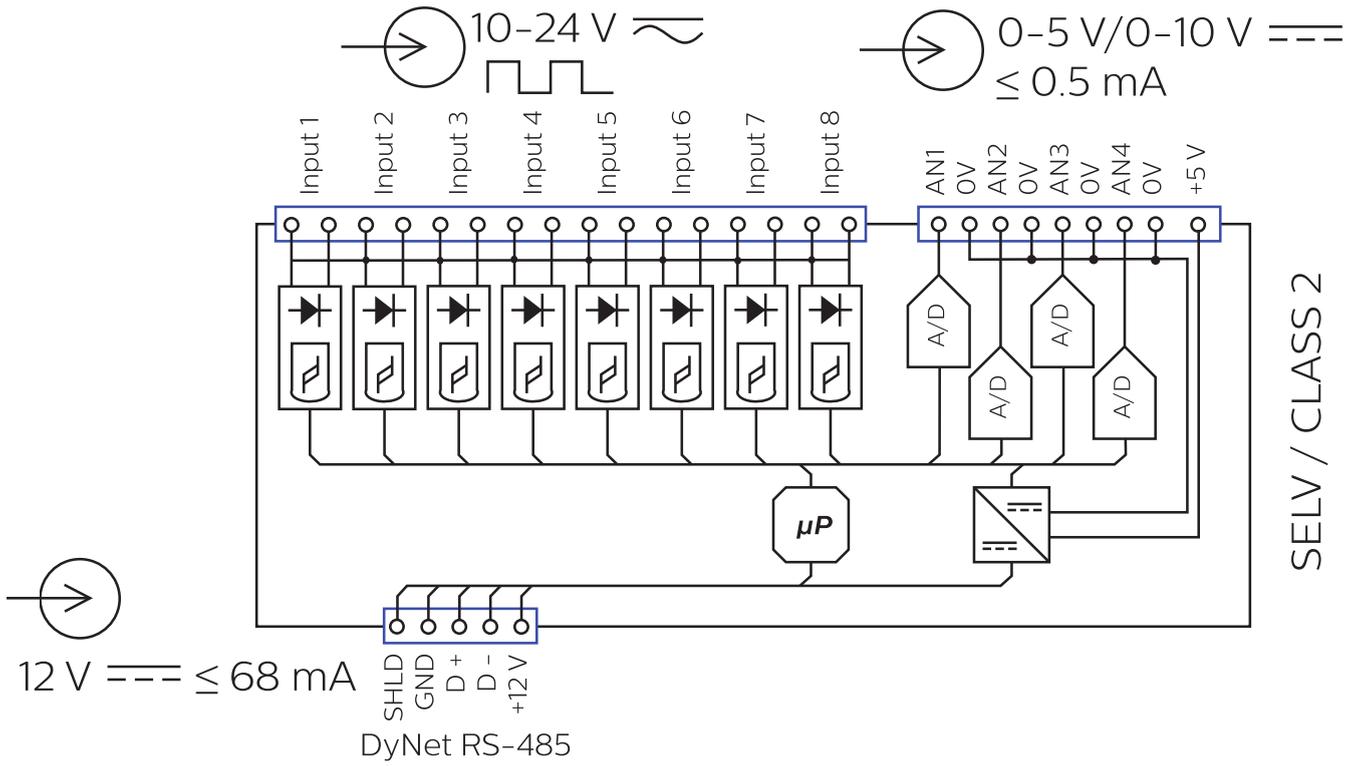


Specifications

| Electrical | | Physical | |
|---|--|---------------------------------------|--|
| Supply Type | DyNet | Dimensions | 95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in) |
| Supply Voltage | 12 VDC | Packed Weight | 0.28 kg (0.62 lb) |
| Supply Current | 68 mA | Construction | Polycarbonate DIN rail enclosure (6 unit) |
| Digital Input Isolation (2.5 kV surge rated) | Optical | Serial Ports | 5 x screw terminal |
| Analog Input Impedance | 20 kΩ | Digital Input Terminals | 16 x screw terminal |
| IEC Overvoltage Category | II | Analog Input Terminals | 9 x screw terminal |
| | | Terminal Conductor Size | 0.3-2.5 mm ² (#22-12 AWG) |
| | | Maximum Digital Input Cable Length | 50 m (164 ft) |
| | | Maximum Analog Input Cable Length | 10 m (33 ft) |
| Control | | Environment | |
| Communication Ports | 1 x RS-485 | Operating Temperature | 0° to 50°C ambient (32° to 122°F) |
| Supported Protocols | DyNet | Storage/Transport Temperature | -25° to 70°C ambient (-13° to 158°F) |
| Digital Inputs | 8 | Relative Humidity | ≤90% non-condensing |
| Digital Input Options | Dry contact (10 VDC @ 1.5 mA) 10-24 V AC/DC @ 4 mA (SELV only) | IEC Pollution Degree | II |
| Analog Inputs | 4 | Installation Note | For indoor installation only |
| Analog Input Options | 0-5 V 0-10 V (SELV only) | | |
| User Controls | 2 x service switch | Compliance | |
| Indicators | 2 x service LED 8 x digital input status LED | Certifications | CE, RCM, FCC, UKCA, ISED |
| | | Sustainability | RoHS |



Electrical Drawing



Ordering Codes

| | |
|---------|--------------|
| Product | 12NC |
| DDMIDC8 | 913703081109 |