CLB C3100 I/O Module [1]

CLB
TECHNOLOGY WITH CARE

CLB's C3100 I/O Module connects up to four I/O devices, converting sensor readings and providing output signals. The module's compact design facilitates installation at virtually any location in a building.

PRODUCT SHEET

C3100 I/O Module

C3100 Features

- Each of the 4 ports can be configured independently as an Input, Output or I/O.
- 4 LEDs, one for each port, to indicate port activity, configuration and module identification
- 12V output with configurable maximum power supply up to 200mA
- Removable connector blocks help to ease the wiring task
- The C3100 can be mounted in a standard junction box with a depth of at least 50mm
- Front plate with clamps cuts installation time

C-series: setting the new standard

C-serie modules are connected to one of the two bus strings (CAT5) of a CLB C8100 local controller. In many cases, the existing infrastructure can be used to connect the devices and set-up the system. After a simple basic training, technicians are capable of installing the hardware and checking connection integrity.

Moreover, the C3100 modules' firmware can be updated remotely after being connected to the server. After installation and configuration, the system continuously monitors all modules. When a C3100 module is disconnected, disabled or having a malfunction, a warning message is generated to alert an operator or system administrator.

TECHNICAL SPECIFICATIONS

Dimensions (mm)	68 x 68 x 38
Housing	U50
Material	ABS
LEDs	Red (4x)
Buttons	None
Supply voltage	12 Vdc
Power consumption	350 - 3100 mW
Operating temperature	0 ˚C to 40 ˚C
Operating humidity (RH)	10% - 95% NC
Storage temperature	0 ˚C to 65 ˚C
Storage humidity (RH)	10% - 95% NC

Connections	2x RJ45 (CAN bus)
Protection class	IP40 (when mounted)
Approvals	CE
Product standards	NEN-EN-IEC 60601-1:2006 NEN-EN-IEC 60601-1-2:2007 NEN-IEC 60601-1-8:2007
Product regulations	93/42/EEC concerning medical devices (14 June 1993)

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