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1. INTRODUCTION

The node PDU controller module is a Linkeo Data Center intelligent PDU's component (in a Node version). It enables to :

- manage and view PDU information locally thanks to its LCD screen and menu buttons
- connect the PDU to the LAN for remote control thanks to its Ethernet port

It can be supplied standalone to upgrade a Base PDU to a Node PDU.

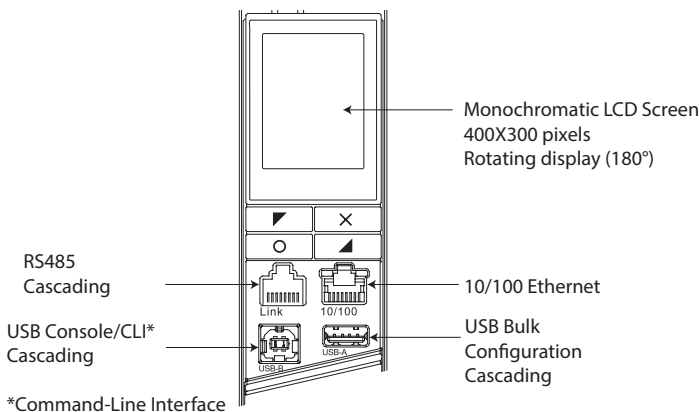
Node PDU controller module is hot swappable to allow maintenance or replacement without powering down connected equipment.

2. GENERAL SPECIFICATIONS

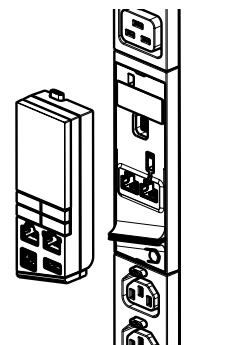
Display	Monochromatic LCD Screen, 400X300 pixels Rotating function (180°) to adjust the text orientation
Menu buttons	4 buttons to navigate the controller menu
Ports	1 RJ45 Ethernet port. 10/100 BaseT 1 RJ45 port for RS485 cascading («Link») 1 USB-B port for cascading and Console/Command-Line Interface 1 USB-A port for cascading and Bulk configuration
Built-in processor	ARM Cortex A5 500MHZ (Microchip ATSAMA5D21C), 32MByte SPI Flash, 256MByte DDR3 RAM.

3. CONTROLLER OVERVIEW

Node Controller



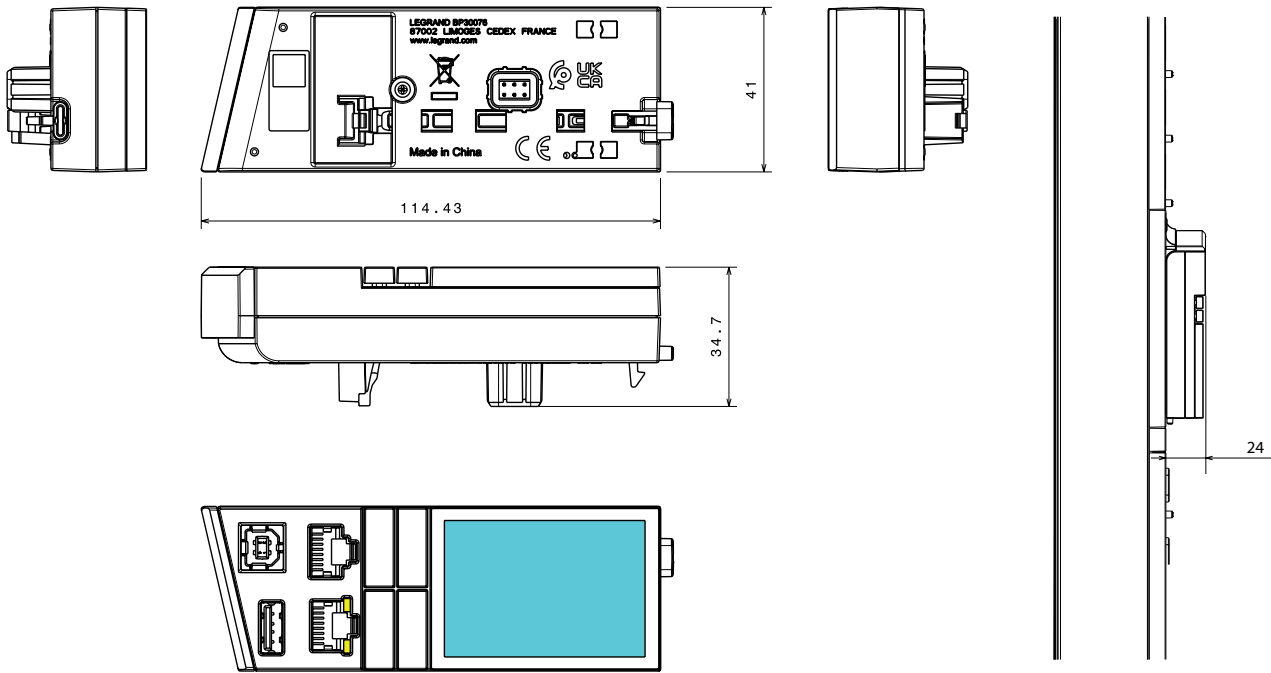
Node controller is plugged on the base and is hot swappable.



4. MECHANICAL & ENVIRONMENTAL FEATURES

IP	20
IK	04
Storage and transport temperature	-20 to +70°C
Operating temperature	+5°C to +60°C
Operating Relative Humidity	5% to 95%
Operating Elevation	0 - 2000 m

5. DIMENSIONS



6. STANDARDS AND REGULATIONS

6.1 STANDARDS

Application	Standards
Safety	IEC 62368-1
Electromagnetic compatibility	EN 62311 (2008) EMF EN 50491-5-2 EN 50491-5-3 EN 55035 EN 55032 EN 61000-4-11 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-3-2

6.2 REGULATORY APPROVALS

CE, UKCA, CMIM

RoHS directive (Restriction of Hazardous Substances)

REACH regulations (Registration, Evaluation, Authorisation & restriction of CHemicals).