

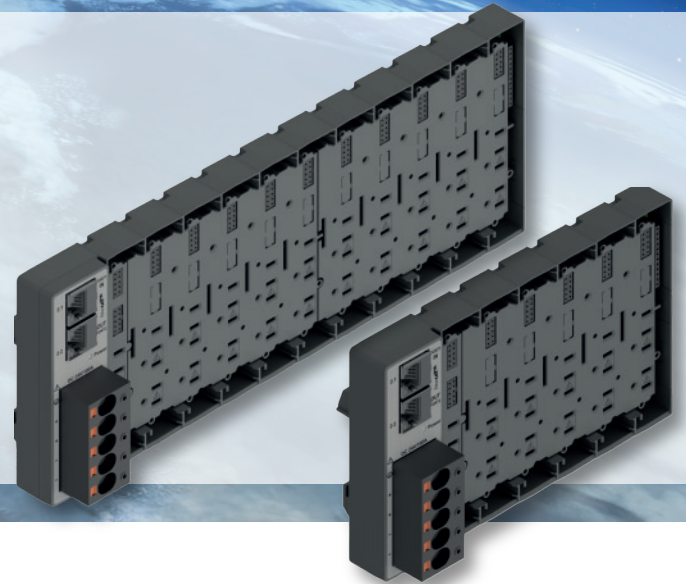
Product **FOCUS**

Efficiency in Automation

Cable • Connectivity • Cabinet • Control

LCOS-LUNA

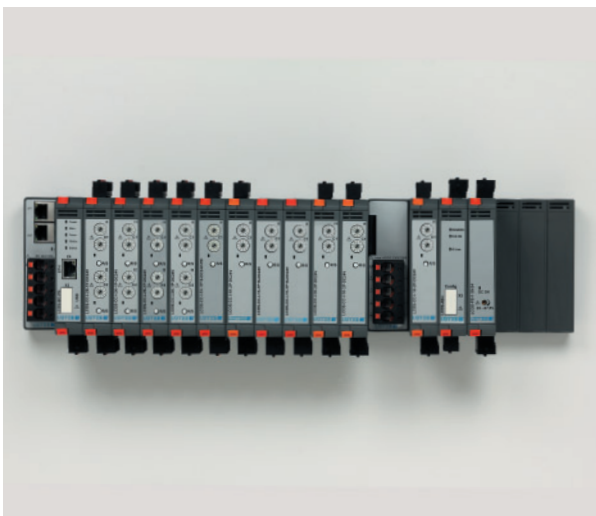
LÜTZE Universal
Network Adapter



LCOS LUNA – compact backplane with integrated data and Powerbus

Efficiency meets innovation: The LCOS-LUNA system enables quick and flexible installation with the simple plugging in of functional modules, such as the LCOS current monitoring, without any additional wiring effort. Thanks to the support of fieldbus systems and a power supply of up to 100 A, the system is ideal for demanding automation applications.

This saves time and costs while allowing space-saving and future-proof implementation of applications. Modern push-in terminals ensure tool-free and secure assembly, enhancing competitiveness and providing maximum operational safety.



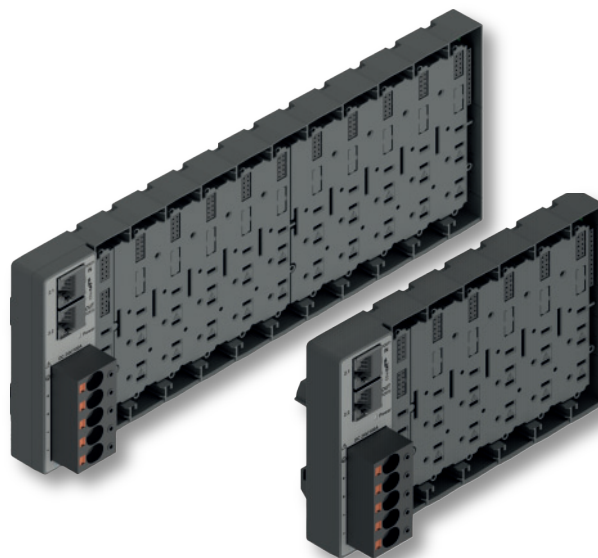
Highlights

- Maximum input current of up to 100 A
- Supply voltage AC/DC 230 V / DC 24 V
- 6- and 11 slot versions
- Active and passive variants
- Integration into standard field bus systems
- No accessories required
- Can be expanded using expansion modules or individual LCOS function carriers
- Integration of additional accessories such as the **AirBlower** control unit or LCOS Ethernet Switches
- Possibility to develop custom devices with our LCOS empty housings

LUNA - Feed module – active

Highlights

- Integration into standard field bus systems (ProfiNet, EtherCAT, Ethernet-IP)
- 6- and 11 slot versions
- Integrated data and power bus
- AC/DC 230 V or DC 24 V version
- No accessories required

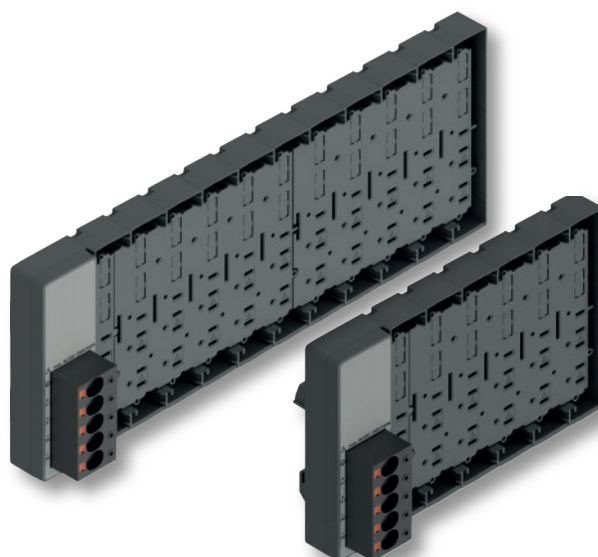


Slots	Article number	Designation	Input	Dimensions (L x W x D)
6	780510.006.1	LCOS-LUNA-ES-006-UN-00-1-L	DC 24 V / 100 A	170 mm x 110 mm x 47 mm
6	780513.006.1	LCOS-LUNA-ES-006-UN-03-1-L	AC/DC 230 V / 100 A	170 mm x 110 mm x 47 mm
11	780510.011.1	LCOS-LUNA-ES-011-UN-00-1-L	DC 24 V / 100 A	282,5 mm x 110 mm x 47 mm
11	780513.011.1	LCOS-LUNA-ES-011-UN-03-1-L	AC/DC 230 V / 100 A	282,5 mm x 110 mm x 47 mm

LUNA - Feed module – passive

Highlights

- 6- and 11 slot versions
- Integrated Power bus
- AC/DC 230 V or DC 24 V version
- No accessories required

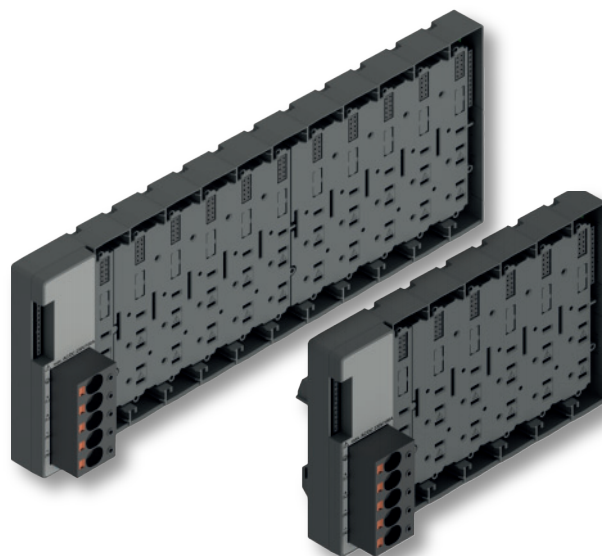


Slots	Article number	Designation	Input	Dimensions (L x W x D)
6	780503.006.1	LCOS-LUNA-ES-006-NC-03-1-L	AC/DC 230 V / 100 A	170 mm x 110 mm x 47 mm
11	780503.011.1	LCOS-LUNA-ES-011-NC-03-1-L	AC/DC 230 V / 100 A	282,5 mm x 110 mm x 47 mm

LUNA - Expansion modules

If the space provided by the 6- or 11 slot modules is insufficient, the flexible expansion modules and LCOS function carriers provide the ideal solution to seamlessly and efficiently expand the system. The highlight of our expansion modules is the transfer of the data bus, while simultaneously refeeding the power supply.

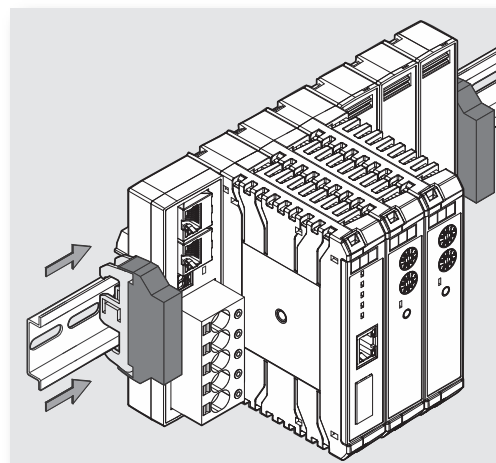
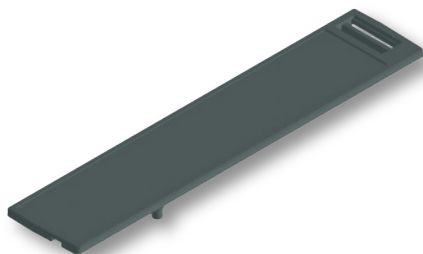
This enables a reliable power feed of up to 100 A and the monitoring of different potentials via a fieldbus connection – for maximum flexibility and efficiency.



Slots	Article number	Designation	Input	Dimensions (L x W x D)
6	780523.006.1	LCOS-LUNA-EW-006-LB-03-1-L	AC/DC 230 V / 100 A	170 mm x 110 mm x 47 mm
11	780523.011.1	LCOS-LUNA-EW-011-LB-03-1-L	AC/DC 230 V / 100 A	282,5 mm x 110 mm x 47 mm

LUNA – Accessories

If not all slots are needed immediately, and reserves need to be kept for future expansions, the unused slots can be safely and easily protected with custom-fit module covers.



Article number	Designation
780610.225.2	LCOS-ZB-AS-225-00-1-L

An overview of the suitable LCOS modules can be found in the "Industrial Power Supply" catalog or directly on the LÜTZE website.

Cable Solutions

High flexing cables for industrial applications

Connectivity Solutions

Industrial Ethernet, assembled cables, Actuator Sensor Interface, connectors and suppression technology

Cabinet Solutions

AirSTREAM complete system for thermally optimized and space-saving cabinet wiring

Control Solutions

Industrial Power Supplies and electronic current control for Industrial Internet of Things. Infrastructure for industrial networks, signal converter, relays and modular electronics housing

Transportation Solutions

Solutions for the demanding Railway Sector, for example control technology, Interface solutions and signalling

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