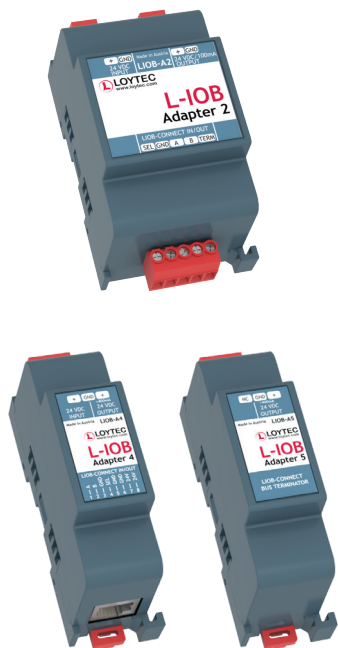


## L-IOB Adapter

# LIOB-A2, LIOB-A4, LIOB-A5

Datasheet #89028320



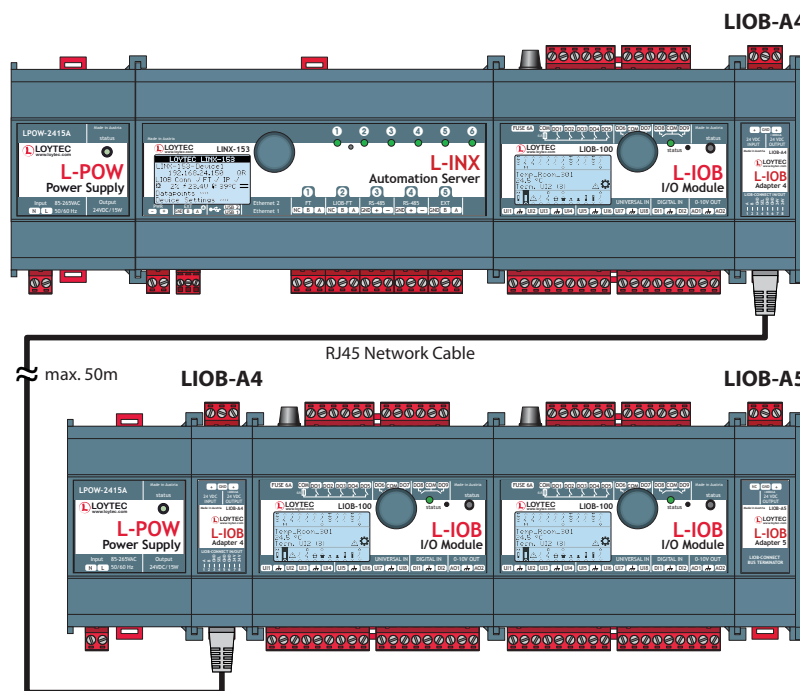
The LIOB-A2/A4 Adapters can be used to extend the LIOB-Connect bus and to connect an external power supply.

The LIOB-A5 Adapter is a terminator of the LIOB-Connect bus at the end of the last segment. A terminator is needed if the total length of the bus exceeds 1 m.

24 LIOB-Connect I/O Modules can be connected through the LIOB-Connect bus. Up to 4 LIOB-Connect I/O Modules can be plugged directly using the built-in LIOB-Connect plug. If more than 4 modules are to be used, the LIOB-Connect chain must be split into two (or more) segments of modules using LIOB-A2 and 4-wire cables (SEL, GND, A, B), or LIOB-A4 Adapters and standard RJ45 network cables. Each segment needs an external power supply, e.g. LPOW-2415A. This means that with a full configuration of 24 LIOB-Connect I/O Modules, five additional power supplies and 10 LIOB-A2/A4 adapters are required.

If the length exceeds 1 m, either a LIOB-A2 Adapter or a LIOB-A5 adapter must be used at the end of the last segment as a termination. When using the LIOB-A2 adapter as network terminator, the terminal TERM has to be connected with terminal B.

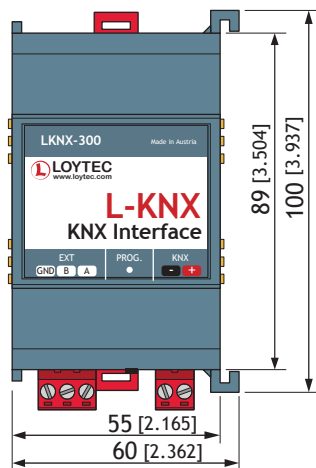
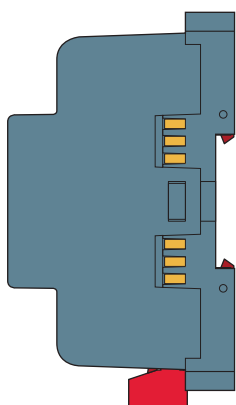
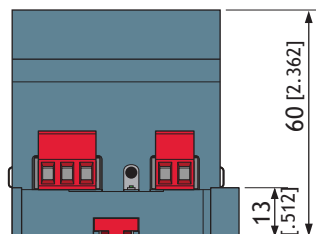
Additionally, the L-IOB Adapters have a power output usable for external devices limited to 100 mA (LIOB-A2) or 400 mA (LIOB-A4/A5).



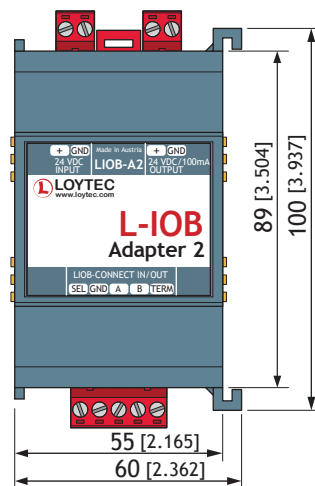
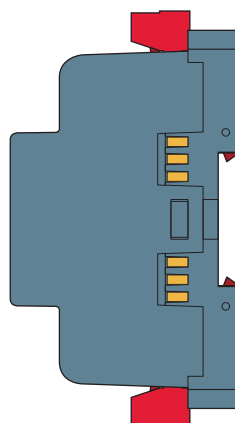
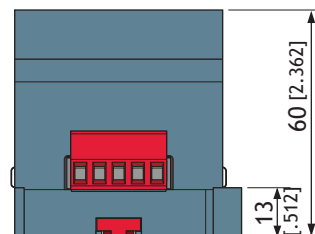
Specifications			
Type	LIOB-A2	LIOB-A4	LIOB-A5
Dimensions (mm)	55 x 100 x 60 (L x W x H), DIM029	27 x 100 x 60 (L x W x H), DIM030, DIM031	
Installation	DIN rail mounting following DIN 43880, top hat rail EN 50022		
Input voltage	24 VDC $\pm$ 10 %, either with L-POW Power Supply through LIOB-Connect or with input terminals		-
Output voltage	24 VDC, < 100 mA with pluggable screw terminal	24 VDC, < 400 mA with pluggable screw terminal	
Operating conditions	0 °C to 50 °C, 10 – 90 % RH, noncondensing, degree of protection: IP40, IP20 (terminals)		
For use with	LIOB-Connect Modules (LIOB-10x)		
Order number	Product description		
LIOB-A2	L-IOB Adapter 2 to split the LIOB-Connect bus using 4-wire cables		
LIOB-A4	L-IOB Adapter 4 to split the LIOB-Connect bus using RJ45 network cables		
LIOB-A5	L-IOB Adapter 5 to terminate the LIOB-Connect bus		

## Dimensions of the devices in mm and [inch]

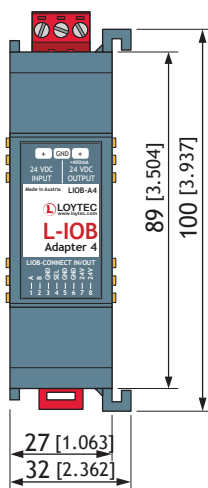
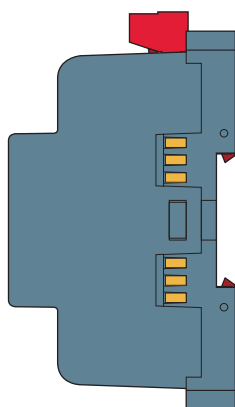
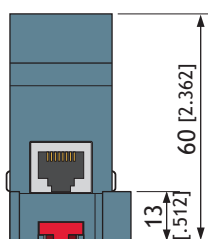
**DIM028** LKNX-300



**DIM029** LIOB-A2



**DIM030** LIOB-A4



**DIM031** LIOB-A5

