

CIB – Converter to DALI bus on DIN rail

Typ	DI	RO	AI	AO	Comm
C-DL-0064M					CIB, DALI

Basic features

- Module is designated for control of electronic ballasts for fluorescent lamps, LED lights and other dimmers on DALI bus according to specification NEMA Standards Publication 243-2004 Digital Addressable Lighting Interface (DALI) Control Devices Protocols PART 2-2004.
- Module may control independently up to 64 ballasts, what is max. number on one branch according to DALI.
- Module is in design to fit in switching cabinet on DIN rail.
- Run of the module is indicated by LED diode.

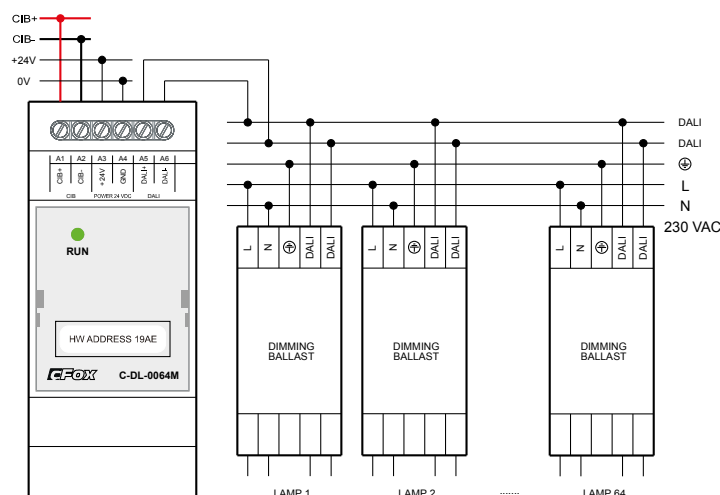
Connection

- Both DALI and CIB buses are connected to the module via screw terminals.

Use

- Control of fluorescent lamps with DALI ballasts.
- Control of bulb dimmers equipped by DALI protocol.
- Control of LED dimmers equipped by DALI protocol.
- Independent switching on/off, smooth lights dimming, light scenes creation.
- Control of the module is supported by function blocks from library DalLib.mlb.

Connection example



C-DL-0064M

Communication

Installation bus	CIB, Power supply is provided by an external source.
Bus for ballasts control	DALI, master function for one DALI branch. Module enables to address all 64 control ballasts. DALI output is powered directly from module.

Operating conditions

Operating temperature	0 .. +70 °C
Storage temperature	-25 .. +85 °C
Electric strength	according EN 60730
IP degree of protection IEC 529	IP10B
Overvoltage category	II
Degree of pollution according EN60664-1:2008	1
Operating position	Any
Installation	On DIN rail into switching cabinet
Connection DALI, CIB	Screw terminals, 4mm ²

Dimensions and weight

Dimensions	106 × 92 × 35 mm
Weight	65 g

Power supply

Power supply and communication	24 V (27 V) from external power source
Nominal /max. load	30 mA/320 mA
Typical /max. input power	0.75 W/7.6 W
Internal protection	Yes
Load from CIB bus	0 mA

Order number

TXN 133 54	C-DL-0064M; CIB-DALI ballast, for 64 DALI ballasts
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