

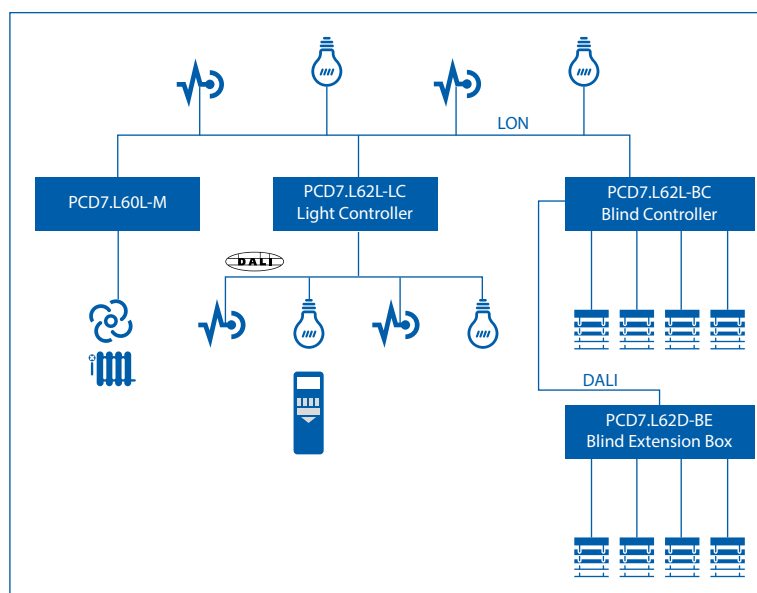
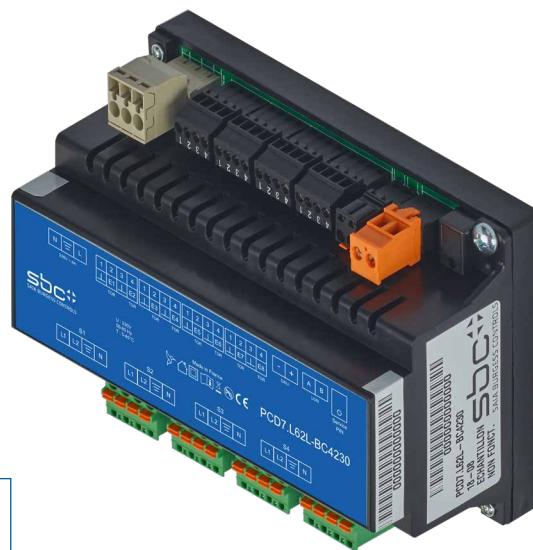
PCD7.L62L and PCD7.L62D

Controllers and extension modules

The SBC line offers a replacement solution for existing lighting controllers and individual lights. They can be used either to control 4 lights or 4 blinds, as an extension to a PCD7.L60L controller. One set (PCD7.L62L controller + extension module) provides a controller hub with 8 outlet ports.

These outlet ports allow for individual control of comfort parameters for offices (lighting and blinds).

The standard configuration includes one DALI port, allowing it to be connected to SBC accessories (multi-sensors, ambient control units, etc.).



Key advantages

- ▶ use as a new installation or for renovations
- ▶ identical product configuration for controllers and extension modules
- ▶ direct operation of blinds and lights

Functions

- ▶ Direct control of lights or via the DALI network (depending on the product)
- ▶ Direct operation of blinds
- ▶ Via the DALI network and the ambient control units, with or without multi-sensors: operates as a stand-alone unit or as part of a LONWORKS® network, as an automatic slave unit or linked to a GTB
- ▶ The controller is the master device on a DALI network; the extension module operates as a slave
- ▶ The TOR inlet ports can be used for 4 raising/lowering buttons or for software-recognized inputs
- ▶ The controllers used to operate blinds over a DALI network can also handle DALI ballasts, as well as other lights and blinds
- ▶ Simple building renovations with controllers for 8 lights and 8 blinds
- ▶ The same product configuration can be used for the controller and the extension module to optimise the installation
- ▶ Add an extension module for lighting or blinds to expand your existing network
- ▶ All-or-Nothing and 0 to 10 V dimming lighting systems can be operated directly through an extension control unit, supporting 4 lights, or through a PCD7.L60L device via the DALI network
- ▶ Blinds can be operated directly, using an extension module with support for 4 blind sets
- ▶ On the DALI network: connection for all accessories from the SBC line (multi-sensors, ambient control units and RF remote control) as well as DALI ballasts
- ▶ Depending on configuration, the system can be used to operate up to 8 sets of blinds, 12 lights in DALI mode, as well as 4 multi-sensors

Mechanical characteristics

Material	ABS V0
Dimensions	L 143 × l 95 × h 71 mm
IP	IP20
Weight	400 g

Inlet ports

Controller or Blinds extension module:
8 digital inputs for blinds
Connections: 4 4-point detachable connectors, no 3.5

Outlets

**Controller or Lighting extension module:
(PCD7.L62L-LC/PCD7.L62D-LE)**

4 outlet ports 0 to 10 V

Connections:
2 4-point detachable screw connectors, no 3.5

4 relay outlet ports for lighting inrush, 80 A, 20 ms - 1000 W max

Connections:
4 male connectors, compatible with Wieland_92.033.0058.1 - not provided

**Controller or Blinds extension module:
(PCD7.L62L-BC/PCD7.L62D-BE)**

Blinds 230 V: 4 × 2 relay outlet ports

– 1 A max per outlet, 5 A max at start-up
– 4-point detachable connectors (male connectors - provided)

Blinds 24 V: 4 × 2 outlet ports

– 350 mA per outlet
– 4-point detachable screw connectors - provided

Standards/Warranties

DIRECTIVE 2014/35/EU "LOW VOLTAGE"
DIRECTIVE 2011/65/EU "ROHS DIRECTIVE"
DIRECTIVE 2014/30/EU "ELECTROMAGNETIC COMPATIBILITY"

Electrical specifications

Power supply
100 to 230 V/50 to 60 Hz stand-by power 1 W
Protection: breaker Class D
Lighting: Max current: 10 A/female connector compatible with Wieland_92.034.0058.1 - not provided
Blinds: Max current: 4 A/detachable 3-point connector provided

Network connections

– 2 DALI terminals – Connections:
2 point detachable spring-loaded connector
Wiring either using 2 HO5VK wires of 0.5 to 1.5 mm²
or by a single pair SYT1 wire of 0.9 mm²
DALI outlet: Max current 150 mA DC
– 2 LONWORKS® terminals: typical cable BELDEN 7701NH
(only in configurations with a controller)

Environment

Operating temperature 5°C to +45°C
Storage temperature –20°C to +70°C
Relative humidity +20% to +90%
without condensation

	Controllers			Extension modules		
	PCD7.L62L-LC4D	PCD7.L62L-BC4230	PCD7.L62L-BC424	PCD7.L62D-LE4D	PCD7.L62D-BE4230	PCD7.L62D-BE-424
Digital lighting	4			4		
Dimmer lighting 0 to 10V	4			4		
Blinds 230 V		4			4	
Blinds 24 V			4			4
Dry contact inlet ports		8	8		8	8
Master Lon DALI nodes	1	1	1			
Slave DALI extension module				1	1	1
Pin service push button	1	1	1			
Test push button				1	1	1

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