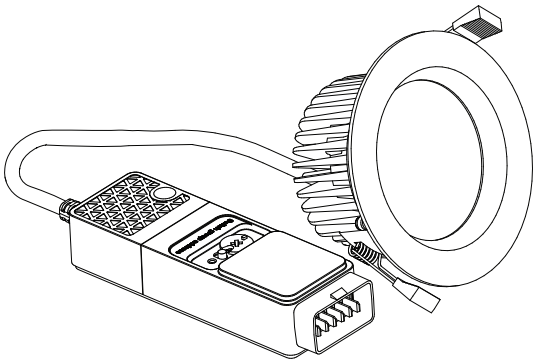
F2483 June 2015

Network Driver with LED Fitting

CLSK12 Series

CLIPSAL by Schneider Electric



The Network Driver with LED Fitting is designed to be controlled via a switched active input or via Clipsal SILC Wireless Gateway Unit.

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with AS/NZS3100 safety standard, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- Hazardous voltage may be present at the wire leads of this product.
- Lock out and tag the input circuit before accessing the wiring connections.

Failure to follow these instructions will result in death or serious injury.

IC-F ABUTTED & COVERED

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⚠CAUTION

EQUIPMENT DAMAGE HAZARD

- Install the device according to instructions in this document
- Pay attention to the specifications and wiring diagrams related to the installation
- Do not use this product for any other purpose than specified in this instructiont
- For electronic control equipment DO NOT MEGGER.

Failure to follow these instructions can result in death or serious injury or equipment damage.

NOTICE

CONNECTION HAZARD

- Do not connect a single Push Button device to more than one Network Relay Unit or Network Driver with LED Fitting

Failure to follow these instructions can result in equipment malfunction.

Product Range

The following products are available in this range.

Product Reference	Description
CLSK12WF-WH	Network Driver with LED Fitting, white, 3000 K warm white
CLSK12WF-BC	Network Driver with LED Fitting, chrome, 3000 K warm white
CLSK12CF-WH	Network Driver with LED Fitting, white, 4000 K cool white
CLSK12CF-BC	Network Driver with LED Fitting, chrome, 4000 K cool white
CLS1R5	Network Relay Unit
CLSSWG	Wireless Gateway Unit
CLSPB	Junction Box and Plug Assembly
CLSMM-WE	Master Off Mech 30 Series
CLSPD	Power Supply DIN Mounted

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Trademarks
Clipsal is a registered trademark of Schneider Electric.
Clipsal SILC is a registered trademark of Schneider Electric.
All other trademarks are the property of their respective owners.

Features

The Network Driver with LED Fitting is designed to control the light output to the integral fitting via a switched active input or by the control system.

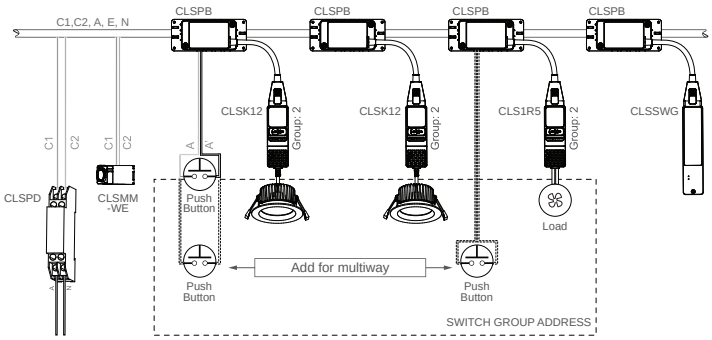


Figure 1: Control system overview

Operation

Light Output

The light output is controllable over a range from 1 to 100%.

Wall Switch Control

The first short press of the switched active button will cause the fitting connected to the LED Driver to turn on. A subsequent short press of the switched active button will cause the LED Driver to turn off. Holding the switched active button allows the light level to be dimmed in the opposite direction of the last switch press. If a dimming level is selected, and the fitting is turned off with a short press, a subsequent short press will return the fitting to the previous light level. If other devices are assigned to the same group, they will all perform the same operations.

Control System

The Network Driver is fully compatible with the Clipsal SILC control system. This enables the unit to be controlled via the wireless gateway and perform more advanced tasks.

* Visit **SILC.clipsal.com** for more information

LED Over-Temperature Protection

If the ambient temperature increases above the maximum rated temperature the LED current will automatically be derated.

Group Assignment

The Network Driver with LED Fitting can be assigned to a Switch group address via the group selection switches. Multiple Clipsal SILC units can be assigned to a single group allowing a large number of devices to be controlled via a single command. Refer to the table below for group assignment:

Input	Group
A 0	0
A 1	1
A 2	2
A 3	3
A 4	4
A 5	5
A 6	6
A 7	7
A 8	8
A 9	9
A A	10
A B	11
A C	12
A D	13
A E	14
A F	15

Input	Group
B 0	16
B 1	17
B 2	18
B 3	19
B 4	20
B 5	21
B 6	22
B 7	23
B 8	24
B 9	25
B A	26
B B	27
B C	28
B D	29
B E	30
B F	31

Slide switch	Range
A	0-15
B	16-31

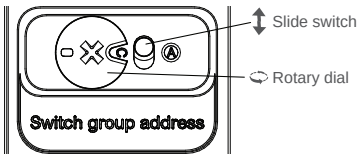


Figure 2: Switch and dial inputs for group assignment

Compatible Loads

The Network Driver with LED Fitting is an integral controlgear, and therefore is not compatible with any loads other than the supplied Fitting.

Installation

Network Driver Installation

1. Set the group assignment to match all devices that will be operated together. If this is the only device operated, select an unique group assignment.
2. Securely mount the Network Driver and LED Fitting within the ceiling space by screwing an M4 type screw through the mounting hole.

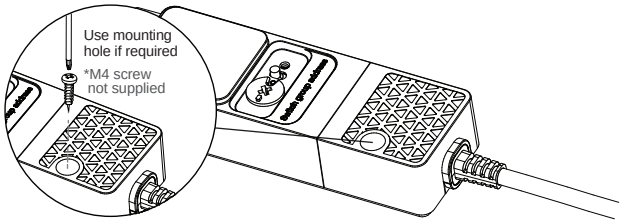


Figure 3: Network Driver and LED Fitting mounting

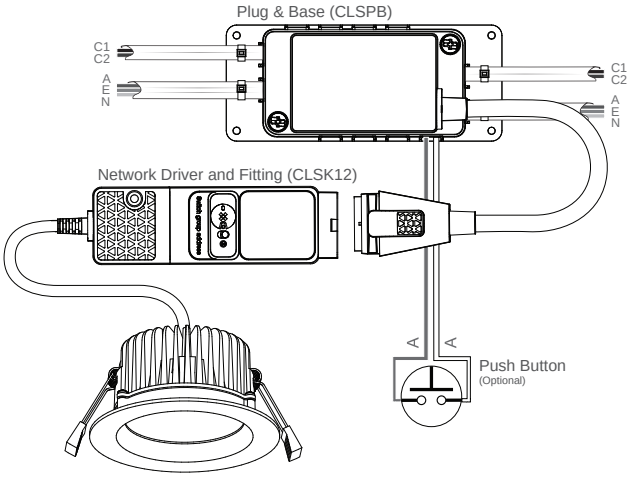


Figure 4: Network Driver and LED Fitting connection to Plug and Base

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LED Fitting Installation

1. Fold back the mounting springs
2. Insert the downlight into the hole
3. Ease the downlight upward

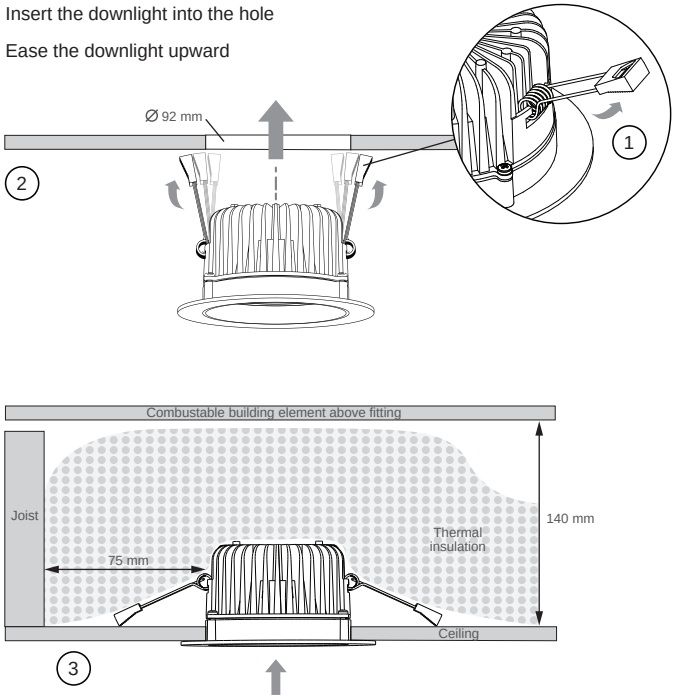


Figure 5: Mounting the LED Fitting

RISK OF FIRE - Required clearance from structural members and building elements

SCB= 75mm HCB= 140mm

Electrical Specifications

Parameter	WF-WH	WF-BC	CF-WH	CF-BC
Supply voltage and frequency	230 Va.c., 50 Hz			
Supply load	< 15.5 W			
Control operating voltage	16 – 22.5 Vd.c.			
Control max. operating current	4 mA			
Max. abnormal voltage on control terminals	Max. supply voltage for 1 min			
Correlated colour temperature (CCT)	3000 K		4000 K	
Colour rendering index (CRI)	>80			
Lumens	>700 lm			
Lifetime (L70)	30,000 hr			
Beam angle	90°			
IP rating (front face only)	44			
Operating temperature range	-5 to 50°C			
Storage temperature range	-5 to 70°C			
Operating humidity range	10 to 85% R.H. non-condensing			
Storage humidity range	10 to 85% R.H. non-condensing			
Safety compliance	AS/NZS 61347-2-13			
	AS/NZS 60598-2-2			
EMC emission compliance	AS/NZS CISPR15			
Specifications typical @ 230 Va.c., 25°C				
No user serviceable parts inside				

Warranty Statement

The benefits conferred herein are in addition to, and in no way shall be deemed to derogate; either expressly or by implication, any or all other rights and remedies in respect to the product that the consumer has under the Commonwealth Trade Practices Act or any other similar State or Territory Laws.

The warrantor is Schneider Electric Australia Pty Ltd, 33-37 Port Wakefield Road, Gepps Cross, South Australia 5094.

This product is guaranteed against faulty workmanship and materials for a period of three (3) years from the date of installation.

Schneider Electric Australia Pty Ltd reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.

This warranty is expressly subject to the product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions. Should the product that is the subject of the claim be found to be in good working order all costs incurred to replace the product shall be met by the claimant.

When making a claim the consumer shall contact the local Schneider Electric office and provide particulars of the defect within 28 days of the fault occurring. Return authorization is required before the product is sent to Schneider Electric. Returned items must be securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

Schneider Electric Australia Pty Ltd

Contact us: clipsal.com/feedback

clipsal.com

Australia National Customer Care Enquiries: Tel 1300 2025 25
Fax 1300 2025 56

New Zealand National Customer Care Enquiries: Tel 0800 652 999
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