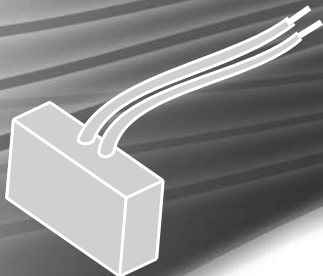


# CLIPSAL®

by Schneider Electric



## Load Correction Device

**31LCDA**  
**S31LCDA**



### Installation Instructions

#### Application

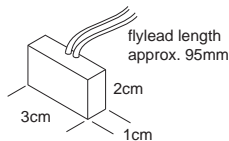
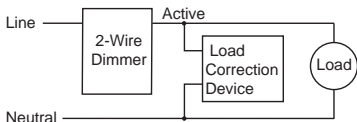
The Load Correction Device is suitable for use with Clipsal and Schneider Electric 2-Wire, mains-powered dimmers that use phase-controlled (LE, TE, or Universal) dimming. The Load Correction Device is not used with 3-Wire dimming units.

The Load Correction Device provides improved dimming performance and load stability for low-power dimmable CFL or LED lighting loads across a wide dimming range. The Load Correction Device also provides a positive off-state for phase-controlled dimmer channels controlling electronic lighting loads. The device is designed to reduce flicker with dimmable LED lights.

#### Installation

The Load Correction Device is designed for dimmers connected to 220-240V a.c., 50Hz mains voltages. The Load Correction Device has two non-polarised fly leads with stranded conductors.

**Important!** The Load Correction Device **MUST** be installed in a containment box for residential installations or inside a service panel box (for DIN rail dimmer applications). Use sleeving on wires when installing behind a solid surface through holes. Provide strain relief. The device requires ventilation; do not cover the devices or wrap it in any material.



## Specifications

Parameter	Description
31LCDA S31LCDA	Load Correction Device, standalone, with 2 fly-leads. For low-power dimmable CFL and LED lighting loads. For DIN rail and standalone dimmer channels.
Operating Voltage Range	220-240Va.c. typical, 50Hz only.
Application	Indoor use only.
Suitability	Clipsal 2-Wire dimmer products, DIN rail or standalone.
Dimmer types	Leading Edge, Trailing Edge or Universal.
Suitable loads	Dimmable CFL / Dimmable LED with electronic control.
Load rating	450W for Dimmable LED, 350W for Dimmable CFL or rating of the dimmer (whichever is less).
Characteristics	Dimming control stability with extra-low-power loads. Positive off-state for phase-controlled dimmer products. Stability over a wide dimming range.
Ambient Operating Temperature Range	0° - 65°C. Product requires adequate ventilation.
Operating Humidity Range	5 - 95% relative humidity, non-condensing.
Regulatory compliance	IEC CISPR15 emissions/ IEC 61547 immunity/ IEC 61347-2-11 Misc device for lighting/ IEC 61547-1/ AS/NZS IEC 61547. ROHS compliant.
Warranty	2-years against manufacturing defects. The warrantor is Schneider Electric Industries SAS.

This product must not be disposed of by incineration or in a landfill. Unwanted product should be handled according to requirements in the location where sold.

**Schneider Electric (Australia) Pty Ltd**

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