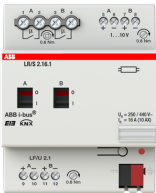




PRODUCT-DETAILS

LR/S 2.16.1

LR/S2.16.1 Light Controller, 2-fold, 1-10 V, MDRC



General Information

|                       |                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | LR/S 2.16.1                                                                                                                                                                                                                                           |
| Product ID            | 2CDG110087R0011                                                                                                                                                                                                                                       |
| EAN                   | 4016779664059                                                                                                                                                                                                                                         |
| Catalog Description   | LR/S2.16.1 Light Controller, 2-fold, 1-10 V, MDRC                                                                                                                                                                                                     |
| Long Description      | Device for switching and dimming two independent groups of luminaries with electronic ballasts (0 - 10 V control input). When combined with the light sensor LF/U 2.1 the device can be used as a 2-fold light controller for constant light control. |

Installation

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDG941051P0003 |
| Mounting Type            | DIN-Rail        |

Technical

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC507087D0201 |
| Number of Outputs                 | 2               |
| Compatible Bus Systems            | KNX (TP)        |

|                     |     |
|---------------------|-----|
| Product Range       | KNX |
| Manual Operation    | Yes |
| Number of Batteries | 0   |

## Electrical

|                                    |                  |
|------------------------------------|------------------|
| Voltage Range                      | 110 ... 230 V AC |
| Output Voltage (U <sub>out</sub> ) | 230 V AC         |
| Maximum Switching Current          | 16 A             |
| Maximum Control Current DC         | 100 mA           |
| Maximum Switching Power            | 2300 W           |
| Power Loss                         | 2.6 W            |

## Design

|       |            |
|-------|------------|
| Color | light grey |
|-------|------------|

## Material Compliance

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| RoHS Information                            | 2CDK507020D2701                                            |
| RoHS Status                                 | Following EU Directive 2011/65/EU                          |
| REACH Declaration                           | 9AKK108468A9644                                            |
| REACH Information                           | False - does not contains substances > 0.1 mass percentage |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                            |
| SCIP                                        | e0a1df0b-4f93-4e58-8aa3-0402a170d950 Germany (DE)          |

## Environmental

|                         |                         |
|-------------------------|-------------------------|
| Ambient Air Temperature | Operation -5 ... +45 °C |
| Degree of Protection    | IP20                    |

## Dimensions

|                                     |                 |
|-------------------------------------|-----------------|
| Width in Number of Modular Spacings | 4               |
| Product Net Width                   | 72 mm           |
| Product Net Height                  | 90 mm           |
| Product Net Depth / Length          | 64.5 mm         |
| Product Net Weight                  | 0.2 kg          |
| Dimension Diagram                   | 2CDC072033F0015 |

## Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| CB Certificate                 | 9AKK107991A3197 |
| Declaration of Conformity - CE | 2CDK507020D2701 |
| KNX Certificate                | 9AKK105710A0067 |

| Classifications            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 9                     | EC001095 - Light control unit for bus system               |
| eClass                     | V11.0 : 27143134                                           |
| UNSPSC                     | 39121801                                                   |
| Object Classification Code | A                                                          |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |

| Accessories     |                          |          |          |                 |
|-----------------|--------------------------|----------|----------|-----------------|
| Identifier      | Description              | Type     | Quantity | Unit Of Measure |
| 2CDG110089R0011 | LF/U2.1 Light Sensor, FM | LF/U 2.1 | 1        | piece           |

Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Lighting Control → 1-10V Switch / Dim Actuators and Light Controllers

