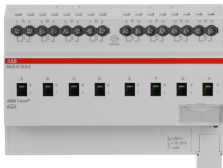




PRODUCT-DETAILS

# SA/S8.16.5.2

## SA/S8.16.5.2 Switch Actuator, 8-fold, 16 A, C-Load, MDRC



| General Information   |                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | SA/S8.16.5.2                                                                                                                                                                                                                                                                                                                                          |
| Product ID            | 2CDG110267R0011                                                                                                                                                                                                                                                                                                                                       |
| EAN                   | 4016779066495                                                                                                                                                                                                                                                                                                                                         |
| Catalog Description   | SA/S8.16.5.2 Switch Actuator, 8-fold, 16 A, C-Load, MDRC                                                                                                                                                                                                                                                                                              |
| Long Description      | The switch actuator uses potential free contacts to switch 8 independent electrical loads via the ABB i-bus® KNX. The device features a manual operation and displaying of the switching state of the outputs. The 16/20 A, 16 A-AC3 (C-load) device is especially suited for loads with high surge currents e.g. flourescent lighting acc. EN 60669. |

| Installation             |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDG941216P0001 |
| Mounting Type            | DIN-Rail        |

| Technical                         |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC505198D0211 |
| Contact Position Indication       | ON / OFF        |

|                                     |          |
|-------------------------------------|----------|
| Number of Outputs                   | 8        |
| Number of LEDs                      | 1        |
| Maximum Number of Switching Outputs | 8        |
| Compatible Bus Systems              | KNX (TP) |
| Product Range                       | KNX      |
| Manual Operation                    | No       |
| Suitable for C-Load                 | Yes      |
| Number of Batteries                 | 0        |

Electrical

|                                    |          |
|------------------------------------|----------|
| Voltage Range                      | 230 V AC |
| Auxiliary Voltage AC/DC            | KNX      |
| Output Voltage (U <sub>out</sub> ) | 230 V AC |
| Rated Current (I <sub>n</sub> )    | 20 A     |
| Maximum Switching Current          | 20 A     |
| Maximum Switching Power            | 3680 W   |
| Power Loss                         | 8 W      |

Design

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

Material Compliance

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| RoHS Information                            | 2CDK505244D2701                                            |
| 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                                        | d7898b4b-ac3e-4fff-aed0-2a294f6b6a8a Germany (DE)          |

Environmental

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

Dimensions

|                                     |                 |
|-------------------------------------|-----------------|
| Width in Number of Modular Spacings | 8               |
| Product Net Width                   | 140 mm          |
| Product Net Height                  | 90 mm           |
| Product Net Depth / Length          | 63.5 mm         |
| Product Net Weight                  | 0.452 kg        |
| Built-In Depth (t <sub>2</sub> )    | 64.5 mm         |
| Dimension Diagram                   | 2CDC072027F0017 |

| Ordering                  |                 |
|---------------------------|-----------------|
| Replaced Product ID (OLD) | 2CDG110134R0011 |

| Certificates and Declarations  |                 |
|--------------------------------|-----------------|
| CB Certificate                 | 9AKK107991A3225 |
| Declaration of Conformity - CE | 2CDK505244D2701 |

| Classifications                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| ETIM 9                             | EC001097 - Switch actuator for bus system                  |
| eClass                             | V11.0 : 27143125                                           |
| UNSPSC                             | 31251516                                                   |
| IDEA Granular Category Code (IGCC) | 3268 >> Switch actuator                                    |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                     | Business To Consumer                                       |

| Categories                                                                                                                    |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|
| Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Standard Outputs → Switch Actuators 16/20 A |  |

