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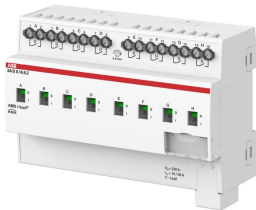
PRODUCT-DETAILS

SA/S8.16.6.2

SA/S8.16.6.2 Switch Actuator, 8-fold, 16 A, C-Load, Energy Function, MDRC

General Information

Extended Product Type	SA/S8.16.6.2
Product ID	2CDG110271R0011
EAN	4016779066433
Catalog Description	SA/S8.16.6.2 Switch Actuator, 8-fold, 16 A, C-Load, Energy Function, MDRC
Long Description	The switch actuator uses potential free contacts to switch 8 independent electrical loads via ABB i-bus® KNX. The device has integrated energy functions. This includes independent load current measurement in each output and easy to use calculation of power and energy consumption for each output or groups of outputs. Via an integrated load shedding object an integration in a load control system can be easily realized. 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. LED or fluorescent lighting (AX) acc. EN60669.

Installation

Instructions and Manuals	2CDG941217P0002
Mounting Type	DIN-Rail

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Technical

Data Sheet, Technical Information	2CDC505202D0211
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_{out})	230 V AC
Rated Current (I_n)	20 A
Maximum Switching Current	20 A
Maximum Switching Power	3680 W
Power Loss	8 W

Design

Color	light grey

Material Compliance

RoHS Information	2CDK505248D2701
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

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

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Product Net Height	90 mm
Product Net Depth / Length	63.5 mm
Product Net Weight	0.561 kg
Built-In Depth (t_2)	64.5 mm
Dimension Diagram	2CDC072027F0017

Ordering

Replaced Product ID (OLD)	2CDG110114R0011

Certificates and Declarations

CB Certificate	9AKK107991A3225
Declaration of Conformity - CE	2CDK505248D2701

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