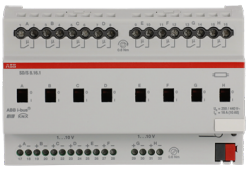
PRODUCT-DETAILS

SD/S 8.16.1

SD/S8.16.1 Switch-/Dim Actuator, 8-fold, 16 A, MDRC



General Information

Extended Product Type	SD/S 8.16.1
Product ID	2CDG110081R0011
EAN	4016779659185
Catalog Description	SD/S8.16.1 Switch-/Dim Actuator, 8-fold, 16 A, MDRC
Long Description	MDRC Devices for switching and dimming of 2, 4 or 8 independent groups of luminaries with electrical ballasts and 1-10V control inputs. Per channel a potential free relay can be switched on or off via the ABB i-bus® or manually. Manual and visual operation is included. A power supply is not necessary.

Installation

Instructions and Manuals	2CDG941042P0003
Wiring Diagram	2CKA000097E0070
Mounting Type	DIN-Rail

Environmental

Degree of Protection	IP20

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Technical

Data Sheet, Technical Information	2CDC507067D0201 2CDC507071D0201
Number of Outputs	8
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Manual Operation	Yes
Number of Batteries	0

Electrical

Rated Operational Voltage	110 ... 230 V AC
Auxiliary Voltage AC/DC	KNX
Output Voltage (U_{out})	230 V AC
Maximum Switching Current	16 A
Maximum Control Current DC	100 mA
Rated Frequency (f)	50 / 60 Hz
Load Type	Universal
Power Loss	10.4 W

Design

Color	light grey

Dimensions

Width in Number of Modular Spacings	8.0
Product Net Width	144 mm
Product Net Height	90 mm
Product Net Depth / Length	64.5 mm
Product Net Weight	0.508 kg
Built-In Depth (t_2)	64.5 mm
Dimension Diagram	9AKK107680A8869

Ordering

E-Number (Finland)	2815181
E-Number (Norway)	4544158
E-Number (Sweden)	1750171
E-Number (Switzerland)	405442805

Material Compliance

RoHS Information	2CDK507127D2701
RoHS Status	Following EU Directive 2011/65/EU
REACH Declaration	9AKK108468A9644
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240123
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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SCIP	b39a2e32-bad6-4464-90de-fc803f50601d Germany (DE)

Certificates and Declarations

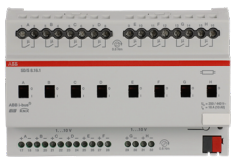
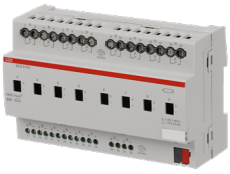
Cyber Security Software Support Period	2 year
Declaration of Conformity - CE	2CDK507127D2701
KNX Certificate	9AKK105710A0106

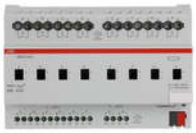
Classifications

ETIM 9	EC001094 - Dimming actuator for bus system
eClass	V11.0 : 27143123
UNSPSC	39121801
Object Classification Code	A
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 → Lighting Control → 1-10V Switch / Dim Actuators and Light Controllers



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