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 PRODUCT-DETAILS

## HA-M-0.12.1

### HA-M-0.12.1 Heating Actuator, 12-fold, 230 V, MDRC




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#### General Information

Extended Product Type	HA-M-0.12.1
Product ID	2CDG510009R0011
EAN	4016779941808
Catalog Description	HA-M-0.12.1 Heating Actuator, 12-fold, 230 V, MDRC
Long Description	For controlling thermoelectric actuating drives in heating/cooling systems. The outputs are protected against short-circuit and overload. The bus can be connected via enclosed terminal block.

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#### Installation

Instructions and Manuals	2CDG941146P0003
Mounting Type	DIN-Rail

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#### Environmental

Degree of Protection	IP20
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## Technical

Data Sheet, Technical Information	2CDG941146P0003
Number of Outputs	12
Compatible Bus Systems	free@home (TP)
Manipulated Variable	Continuous
Product Range	free@home
Manual Operation	No
Number of Batteries	0

## Electrical

Voltage Range	230 V AC
Output Voltage ( $U_{out}$ )	230 V AC
Maximum Switching Current	0.75 A
Output Current Maximum ( $I_{out}$ )	0.16 A
Power Loss	4 W

## Design

Color	grey
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## 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	0.24 kg
Dimension Diagram	2CDC072027F0017

## Ordering

E-Number (Finland)	2815522
E-Number (Norway)	4549613
E-Number (Sweden)	1701111

## Material Compliance

RoHS Information	2CDK508140D2701
RoHS Status	Following EU Directive 2011/65/EU
REACH Declaration	9AKK107492A1906
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240123
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

SCIP	201579af-836e-46a8-894c-8672abf307dd Germany
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

### Certificates and Declarations

CB Certificate	9AKK107991A3213
Declaration of Conformity - CE	2CDK508140D2701

### External Classifications and Standards

ETIM 9	EC001586 - Heating actuator for bus system
eClass	V11.0 : 27143147
UNSPSC	39121801
Object Classification Code	A

### Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → free@home → Heating, Ventilation and Air Conditioning → Valve Drive Actuators



360°