



PRODUCT-DETAILS

# TSA/K230.2

## TSA/K230.2 Thermoelectric Valve Drive, 230 V



General Information	
Extended Product Type	TSA/K230.2
Product ID	2CDG120049R0011
EAN	4016779950671
Catalog Description	TSA/K230.2 Thermoelectric Valve Drive, 230 V
Long Description	The Thermoelectric Valve Drives TSA/K are suited for opening and closing valves in Heating, Ventilating and Air-Conditioning (HVAC) systems. The devices are normally closed available in 230 V and 24 V with pluggable connecting cable. The shapely housing protects the device against splash water. The device is especially suited to control radiators, converter heaters and cooling ceilings for single room temperature controlling. The valve drive can be controlled with the Electronic Switch Actuator ES/S or with the Electronic Relay ER/U in combination with the Universal Interface US/U and a Room Thermostat. The easy and quick snap-on mounting on all common valves occurs via Valve Adapters VA/Z.
Installation	
Instructions and Manuals	9AKK2017-108771
Mounting Type	Built-in
Technical	

Data Sheet, Technical Information	2CDC508160D0201
Product Range	KNX free@home
Manual Operation	No
Number of Batteries	0

Electrical

Rated Voltage (U <sub>r</sub> )	230 V
Power Loss	1 W

Design

Color	white
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Material Compliance

RoHS Information	2CDK508154D2702
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

Degree of Protection	IP54
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Dimensions

Product Net Width	44.4 mm
Product Net Height	52.1 mm
Product Net Depth / Length	58.4 mm
Product Net Weight	0.104 kg

Certificates and Declarations

Declaration of Conformity - CE	2CDK508154D2702
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Classifications

ETIM 9	EC000792 - Actuating drive for bus system
eClass	V11.0 : 27143135
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
2CDG110058R0011	ES/S4.1.2.1 Electrical Switch Actuator, 4-fold, 1 A, MDRC	ES/S 4.1.2.1	1	piece
2CDG110059R0011	ES/S8.1.2.1 Electrical Switch Actuator, 8-fold, 1 A, MDRC	ES/S8.1.2.1	1	piece
2CDG110116R0011	VAA/S6.230.2.1 Valve Drive Actuator, 6-fold, 230 V, MDRC	VAA/S 6.230.2.1	1	piece
2CDG110117R0011	VAA/S12.230.2.1 Valve Drive Actuator, 12-fold, 230 V, MDRC	VAA/S 12.230.2.1	1	piece
2CDG110209R0011	FCC/S1.4.1.1 Fan Coil Controller, PWM, 3-stage, MDRC	FCC/S1.4.1.1	1	piece
2CDG110210R0011	FCC/S1.1.1.1 Fan Coil Controller, 2 x PWM, 3-stage, MDRC	FCC/S1.1.1.1	1	piece
2CDG110211R0011	FCC/S1.1.2.1 Fan Coil Controller, 2 x PWM, Manual Operation, 3-stage, MDRC	FCC/S1.1.2.1	1	piece
2CDG110216R0011	VC/S4.1.1 Valve Drive Controller, 4-fold, MDRC	VC/S4.1.1	1	piece
2CDG110217R0011	VC/S4.2.1 Valve Drive Controller, 4-fold, Manual Operation, MDRC	VC/S4.2.1	1	piece
2CDG110234R0011	FCC/S1.5.1.1 Fan Coil Controller, 2 x PWM, 0-10 V, MDRC	FCC/S1.5.1.1	1	piece
2CDG110235R0011	FCC/S1.5.2.1 Fan Coil Controller, 2 x PWM, 0-10 V, Manual Operation, MDRC	FCC/S1.5.2.1	1	piece
2CDG120009R0011	VA/Z10.1 Valve Adapter, M 30 x 1.5, for Dumser, Chronatherm, Vescal, KaMo	VA/Z10.1	1	piece
2CDG120010R0011	VA/Z50.1 Valve Adapter, M 30 x 1.5, for Honeywell, Reich, Cazzaniga, Landis+Gyr, MNG	VA/Z50.1	1	piece
2CDG120011R0011	VA/Z78.1 Valve Adapter, Flange, for Danfoss RA	VA/Z78.1	1	piece
2CDG120012R0011	VA/Z80.1 Valve Adapter, M 30 x 1.5, for Heimeier, Herb, Onda, Schlösser, Oventrop	VA/Z80.1	1	piece

Categories

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

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