



PRODUCT-DETAILS

6109/28-500

6109/28-500 CO2 RTC HUM w. input 5f.



General Information	
Extended Product Type	6109/28-500
Product ID	2CKA006134A0317
EAN	4011395208793
Catalog Description	6109/28-500 CO2 RTC HUM w. input 5f.
Long Description	Control element with room temperature controller function and CO2/moisture/air pressure sensor. For activating heating, ventilation and fan coil actuators. With universal input with: - max. of 5 binary inputs - 4 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V - 2 binary inputs and 1 analogue input for activating sensors with external power supply 1-10 V/0-10 V and an external temperature sensor PT1000 / 6226T/ DP4-T-1. With integrated temperature sensor. With display of set-value temperature. Master/slave configuration. With base-load operation. The bus can be connected via enclosed terminal block. Class of temperature controller 1 Contribution to space heating energy efficiency 1,0%.

Installation	
Instructions and Manuals	No document needed
Mounting Type	Flush Mounted

Technical

Data Sheet, Technical Information	No document needed
Number of Digital Inputs	5
Number of Inputs	5
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Number of Batteries	0

Electrical

Rated Voltage (U <sub>r</sub> )	24 V
Auxiliary Voltage AC/DC	24 V AC/DC
Rated Current (I <sub>n</sub> )	5 A

Material Compliance

RoHS Information	2CKA200000E4598
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	True - contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	77837f38-8060-4c0f-b25b-34f07a8ca816 Germany (DE)

Environmental

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

Dimensions

Product Net Width	71 mm
Product Net Height	71 mm
Product Net Depth / Length	44 mm
Product Net Weight	91.5 g
Screen Size	1 in

Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E1138
Declaration of Conformity - UKCA	2CKA400000E0211

Classifications

ETIM 9	EC000926 - Physical sensor for bus system
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eClass	V11.0 : 27143137
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 → User Operation → Bus Coupling Units / Push Button Coupling Units → Push Button Coupling Units

