Datasheet
21.11.2022

Part n°	201201
Product name	ekey dLine controller 1 relay 1 input
Product name 2	ekey dLine control unit
EAN code	9120068256148
Customs tariff number	8471 9000
Origin country	AT
Weight:	0.047 kg
Application area	For use in both domestic and business applications

With its relay, the ekey dLine control unit controls a motorized lock to open front, basement, or side entrance doors. In addition, it has an input for external opening, such as via door stations. In combination with the ekey dLine fingerprint scanner, the door features smart functions beyond keyless opening, so that the intelligent use of a building begins at the front door. The system is administered using the free ekey bionyx app.

Technical data

Operational data	
Supply typ:	DC
Maximum supply voltage:	30 V
Minimum supply voltage:	10 V
Supply voltage rating:	12 V
Maximum current consumption:	35 mA
Minimum current consumption:	18 mA
Current consumption rating:	24 mA
Maximum power:	0.84 W
Minimum power:	0.43 W
Power rating:	0.58 W
Minimum operating temperature:	-25 °C
Maximum operating temperature:	70 °C
Maximum humidity:	90 %rel
IP code:	IP30
Display	None
Number of buttons:	1
Type of buttons:	Mechanical
Maximum number of registration units:	1
Installed real-time clock:	Yes
Type of operation:	With smartphone
Signaling:	Visual

Mechanical data	
Mounting type:	In-wall mounting
Width:	15.8 mm
Length/height:	117 mm
Depth:	32.9 mm
Material:	ABS plastic
Surface:	Plastic
Color:	Black
Shock resistance:	600 m/s²
Vibration resistance:	5 m/s²

Conformity	
Standards:	EN60068 | EN61000-6-2 | EN61000-6-3
Directives:	CE2014/30/EU | RoHs2011/65/EU | WEEE2012/19/EU | RED2014/53/EU

Electronic relays	
Switching function of electronic relay:	Impulse
Switching voltage of electronic relay:	36 V
Switching current of electronic relay:	1000 mA
Contact form of electronic relay:	NO
Maximum impulse switching time of electronic relay:	20 s
Minimale Impulsschaltzeit des elektronischen Relais:	1 s
Type of switching voltage for electronic relay:	Potential free | Potential

Voltage output	
Output voltage type:	DC

Digital inputs	
Number of digital inputs:	1

Communication Bluetooth	
Bluetooth standard:	4.2
Bluetooth class:	Class 1
Typical Bluetooth Range:	10 m

Communication RS-485	
Number of RS-485 interfaces:	2
RS-485 baud rate:	250kBit/s
RS-485 network:	Multi master
RS-485 cable length:	10 m
RS-485 cable type:	Half-duplex
RS-485 encryption:	Yes