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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		

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Lengthieigheigheigheigheigheigheigheigheighei	Mounting type:	In-wall mounting		
Depth:29 mmMaterial:ASS plasticSurface:PlasticColor:BlockShock resistance:Ood m/s ⁴ Notator resistance:Sm/s ⁴ Chartenistance:Sm/s ⁴ Chartenistance:Edeodedddddddddddddddddddddddddddddddd	Width:	15.8 mm		
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Number of electronic relay:PeakeColor:BiokStock resistance:SmoleVitration resistance:SmoleContomityColorse-2 [EM51000-6-3]Directives:Colorse-2 [EM51000-6-3]Directives:Colorse-2 [EM51000-6-3]Directives:Colorse-2 [EM51000-6-3]Directives:Colorse-2 [EM51000-6-3]Switching function of electronic relay:MolesSwitching function of electronic relay:MolesSwitching current of electronic relay:NoSwitching current of electronic relay:NoSwitching voltage of electronic relay:NoSwitching current of electronic relay:NoSwitching voltage for electronic re	Depth:	32.9 mm		
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Shock resistance: 600 m/s ² Variation resistance: 5 m/s ² Conformity Execution 4.2 Standards: Execution 4.2 Directives: Execution 4.2 Execution 4.2 Execution 4.2 Statching function of electronic relay: mpulse Switching voltage of electronic relay: 600 m/a Switching voltage of electronic relay: 000 m/a Switching voltage of electronic relay: 000 m/a Switching voltage of electronic relay: 0100 m/a Maximum impulses witching time of electronic relay: 0100 m/a Maximum impulses witching time of electronic relay: 0100 m/a Yout out of electronic relay: 0100 m/a Yout outputschaftzet des electronic relay: 0100 m/a Yout outputschaftzet des electronic relay: 010 Yout output outputschaftzet des electronic relay: 010 Yout output outputschaftzet des electronic relay: 010 Yout output ou	Surface:	Plastic		
Vitation resistance:Sn/s ^a cortormiyExecution (Second (Sec	Color:	Black		
Contormity Contromity Standards: Ex60006 J EN81000-6-2 J EN81000-6-3 Eventives: CE2014/30EU J Rels2011/65/EU J WEEE2012/19/EU J RED2014/53/EU Electronic relay: Impulse Switching function of electronic relay: Impulse Switching voltage of electronic relay: 80 V Switching voltage of electronic relay: NO Contact form of electronic relay: NO Maximum impulse switching time of electronic relay: 20 s Minimale Impulsschattizeti des elektronischen Relais: 1 s Type of switching voltage for electronic relay: Decential free Potential Voltage output Decential free Potential Voltage output Decential Output voltage type: Decential Output voltage type: Decential Diput service Impulse Communication Bluetooth 1 Bluetont standard: 1 Bluetont standard: 1 Bluetont standard: 1 Bluetont RS-485 Immunication RS-485 Review 2 Review Immunicatiner RS-485 Interfaces: <td>Shock resistance:</td> <td>600 m/s²</td>	Shock resistance:	600 m/s²		
Standards:EN60088 [EN61000-6.2 [EN61000-6.3]Diredives:C62014/30/EU [RoHs2011/86/EU] WEEE2012/19/EU [RED2014/53/EU]Electronic relayImpulseSwitching function of electronic relay:MoveSwitching voltage of electronic relay:000 mAContact form of electronic relay:NoMaximu inpulse switching them of electronic relay:0 sMinimale Impulse switching them of electronic relay:0 sMinimale Impulse switching them of electronic relay:NoOutput voltage for electronic relay:0 sOutput voltage for electronic relay:Declanationer (PotentialOutput voltage for electronic relay:Declanationer (PotentialOutput voltage type:Declanationer (PotentialOutput voltage type:Immander (Potential)Output voltage type:1Output voltage type:Immander (Potential)Number of digital inputs:1Sulta for digital inputs:Immander (Potential)Sulta for digital inputs: <td>Vibration resistance:</td> <td>5 m/s²</td>	Vibration resistance:	5 m/s²		
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Contact form of electronic relay:NOMaximum impulse switching time of electronic relay:20 sMinimale Impulseschaltzeit des elektronischen Relais:1 sType of switching voltage for electronic relay:Potential free PotentialVottage outputVottage outputDigital inputs:Digital inputs:Number of digital inputs:Impute to the standard:Algo and and are input to the standard:Substoch Range:Substoch Range: <t< td=""><td>Switching voltage of electronic relay:</td><td>36 V</td></t<>	Switching voltage of electronic relay:	36 V		
Maximum impulse switching time of electronic relay: 20 s Minimale Impulseschaltzeit des elektronischen Relais: 1 s Type of switching voltage for electronic relay: Potential free Potential Votage output Votage output Output voltage type: DC Digital inputs I Scommunication Bluetooth 1 Bluetooth standard: 42 Bluetooth class: Class 1 Typical Bluetooth Range: 10 m Votage output: SoMBi/s Rs-485 network: SoMBi/s Rs-485 network: Mult master Rs-485 cable length: 10 m	Switching current of electronic relay:	1000 mA		
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Voltage output C Output voltage type: DC Digital inputs DC Digital inputs I Output voltage type: 1 Digital inputs: 1 Communication Bluetooth 4.2 Bluetooth standard: Cass 1 Typical Bluetooth Range: 10 m Communication RS-485 2 Number of RS-485 interfaces: 2 Rs-485 network: Multi master Rs-485 cable length: 10 m	Minimale Impulsschaltzeit des elektronischen Relais:	1 s		
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Communication Bluetooth 4.2 Bluetooth standard: 0.2 Bluetooth class: Class 1 Typical Bluetooth Range: 0 m Ommunication RS-485 Number of RS-485 interfaces: 2 RS-485 interfaces: 20kBlt/s RS-485 network: Multi master RS-485 cable length: 10 m	Digital inputs			
Buetooth standard: 4.2 Bluetooth class: Class 1 Typical Bluetooth Range: 10 m Ommunication RS-485 Scommunication RS-485 Number of RS-485 interfaces: 2 RS-485 baud rate: 50kBit/s RS-485 network: Multi master RS-485 cable length: 10 m	Number of digital inputs:	1		
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	Communication Bluetooth			
Typical Bluetooth Range: 10 m Communication RS-485 Number of RS-485 interfaces: 2 RS-485 baud rate: 20kBit/s RS-485 network: Multi master RS-485 cable length: 10 m RS-485 cable lype: Half-duplex	Bluetooth standard:	4.2		
Communication RS-485 2 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	Bluetooth class:	Class 1		
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	Typical Bluetooth Range:	10 m		
RS-485 baud rate: 250kBit/s RS-485 network: Multi master RS-485 cable length: 10 m RS-485 cable type: Half-duplex	Communication RS-485			
RS-485 network: Multi master RS-485 cable length: 10 m RS-485 cable type: Alf-duplex	Number of RS-485 interfaces:	2		
RS-485 cable length: 10 m RS-485 cable type: Half-duplex	RS-485 baud rate:	250kBit/s		
RS-485 cable type: Half-duplex	RS-485 network:	Multi master		
	RS-485 cable length:	10 m		
RS-485 encryption: Yes	RS-485 cable type:	Half-duplex		
	RS-485 encryption:	Yes		