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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 <sup>4</sup> Notator resistance:Sm/s <sup>4</sup> Chartenistance:Sm/s <sup>4</sup> Chartenistance:Edeodedddddddddddddddddddddddddddddddd	Width:	15.8 mm		
MetadiaA8S plasticBudrace:PlasticColor:BlackShock resistance:BlowShock resistance:BlowConcruitySimpleConcruityExecution resistance:Shock resistance:BlowConcruityExecution resistance:Shock resistance:BlowConcruityExecution resistance:Shock resistance:Execution resistance:Shock resistance:Execution resistance:Shock resistance:BlowShock resistance:Execution resistance:Shock resistance:BlowShock res	Length/height:	117 mm		
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		
Color:BlackShok resistance:50 m/s²Variation resistance:5m/s²ContomityC2014/30/EU [NG1000-6-3]Shok resistance:62014/30/EU [NG1000-6-3]Directives:62014/30/EU [NG1000-6-3]Bouteries:62014/30/EU [NG1000-6-3]Shok resistance:62014/30/EU [NG1000-6-3]Bouteries:62014/30/EU [NG1000-6-3]Shok resistance:mpulseShok resistance:62014/30/EU [NG1000-6-3]Shok resistance:mpulseShok resistance:62014/30/EU [NG1000-6-3]Shok resistance:180Shok resistance:180Shok resistance:19Shok resistance:19Shok resistance:19Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:10Shok resistance:20Shok resistance:<	Material:	ABS plastic		
Shock resistance:     600 m/s <sup>2</sup> Variation resistance:     5 m/s <sup>2</sup> 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 <sup>a</sup> 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		
Determine in the set of the set	Conformity			
Electronic relays     Impulse       Switching function of electronic relay:     38 V       Switching outges of electronic relay:     1000 mA       Contact form of electronic relay:     NO       Maximum impulse switching time of electronic relay:     20 s       Minimale Impulsschattzeit des elektronischen Relais:     1 s       Type of switching voltage for electronic relay:     Potential free   Potential       Votage output     DC       Outget output     DC       Dutput voltage type:     DC       Dutput voltage type:     1 s       Switching number of digital inputs:     1 s       Dutput voltage type:     DC       Buetooth standard:     1 s       Buetooth standard:     1 s       Switching Name:     Canse 1       Tormunication Rs-485     1 s       Number of Rs-485 interfaces:     1 s       Rs-485 shetwork:     2 sOkBlt/s       Rs-485 shetwork:     2 sOkBlt/s       Rs-485 shetwork:     3 sufficient setse	Standards:	EN60068   EN61000-6-2   EN61000-6-3		
Switching function of electronic relay:ImpulseSwitching voltage of electronic relay:36 VSwitching current of electronic relay:1000 mAContact form of electronic relay:NoMaximum impulse switching time of electronic relay:20 sMinimale Impulsschatzeit des elektronischen Relais:1 sType of switching voltage for electronic relay:Potential free   PotentialVotage outputDCVotage outputDCOutput voltage type:DCNumber of digital inputs:1Potential free   Potential1Buetooth standard:1Buetooth Range:1Typical Bluetooth Range:20 sTypical Riverof RS-485 interfaces:2Number of RS-485 interfaces:2Rs-485 abel ength:300BH/sRs-485 cabel length:10 mRs-485 cabel length	Directives:	CE2014/30/EU   RoHs2011/65/EU   WEEE2012/19/EU   RED2014/53/EU		
Switching outgee of electronic relay:36 VSwitching ourrent of electronic relay:000 mAContact form of electronic relay:NoMaximum impulse switching time of electronic relay:20 sMinimale Impulsechatzetit des elektronischen Relais:1 sType of switching voltage for electronic relay:Potential free   PotentialVotage outputDVulget outget for electronic relay:DCOutput voltage type:DCOutput voltage type:1Number of digital inputs:1Steletoth Standard:42Bletoth class:Class 1Typical Bluetoth Range:1Number of RS-485 interfaces:2Number of RS-485 interfaces:2Number of RS-485 interfaces:2Rs-485 cable length:0 mRs-485 cable length:0 m <tr< td=""><td colspan="4">Electronic relays</td></tr<>	Electronic relays			
Switching current of electronic relay:     1000 mA       Contact form of electronic relay:     NO       Maximum impulse switching time of electronic relay:     20 s       Minimale Impulseschatzeit des elektronischen Relais:     1 s       Type of switching voltage for electronic relay:     Potential free   Potential       Voltage output     DC       Output voltage tor electronic relay:     DC       Digital inputs     DC       Digital inputs     1       Output voltage type:     DC       Digital inputs     1       Section Bluetooth     1       Buetooth standard:     1/2       Buetooth class:     Class 1       Typical Bluetooth Range:     2       Number of RS-485 interfaces:     2       Number of RS-485 interfaces:     2       RS-485 baud rate:     2       RS-485 cable length:     1/1       RS-485 cable length:     0 m	Switching function of electronic relay:	Impulse		
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		
Minimale Impulsschaltzeit des elektronischen Relais:   1 s     Type of switching voltage for electronic relay:   Potential free   Potential     Voltage output     Voltage output   DC     Output voltage type:   DC     Digital inputs   1     Sumber of digital inputs:   1     Communication Bluetooth   1     Bluetooth standard:   4.2     Bluetooth class:   Class 1     Typical Bluetooth Range:   10 m     Vomber of RS-485 interfaces:   20     RS-485 baud rate:   20     RS-485 cable length:   10 m     RS-485 cable length:   Holf duplex call	Contact form of electronic relay:	NO		
Potential free   Potential       Votage output     DC       Output voltage type:     DC       Digital inputs     I       Number of digital inputs:     1       Communication Bluetooth     Class 1       Bluetooth class:     Class 1       Typical Bluetooth Range:     10 m       Vomber of RS-485 interfaces:     20       RS-485 baud rate:     20       RS-485 cable length:     10 m       RS-485 cable length:     Hold matter	Maximum impulse switching time of electronic relay:	20 s		
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		
Output voltage type:   DC     Digital inputs   Digital inputs:     Number of digital inputs:   1     Communication Bluetooth   1     Bluetooth standard:   4.2     Bluetooth class:   Class 1     Typical Bluetooth Range:   10 m     Vumber of RS-485   2     Number of RS-485 interfaces:   2     RS-485 network:   10 m     RS-485 network:   10 m     RS-485 network:   10 m	Type of switching voltage for electronic relay:	Potential free   Potential		
Digital inputs   1     Number of digital inputs:   1     Communication Bluetooth   4.2     Bluetooth standard:   6.42     Bluetooth class:   Class 1     Typical Bluetooth Range:   10 m     Communication RS-485     Number of RS-485 interfaces:   2     RS-485 network:   200kBit/s     RS-485 network:   Multi master     RS-485 cable length:   10 m	Voltage output			
Number of digital inputs:   1     Communication Bluetooth   4.2     Bluetooth standard:   6.2     Bluetooth class:   Class 1     Typical Bluetooth Range:   10 m     Communication RS-485     Number of RS-485 interfaces:   2     RS-485 network:   S0kBit/s     RS-485 network:   10 m     RS-485 network:   10 m     RS-485 network:   10 m     RS-485 network:   10 m     RS-485 network:   Multi master     RS-485 cable length:   10 m	Output voltage type:	DC		
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		