

## ekey net Steuereinheit integra 2

### Product description

The *ekey net CP integra 2* is an actuator (switch) to address motor locking systems, electrical door strikes, etc. The control panel is to be used in combination with the network capable access control system *ekey net* and has been designed for mortise installation into doors and gates. Therefore, the metal plates are available in different widths.



### Features

- 2 relays outputs (dry rely contact, relay 1 switches electric potential X1PIN6 = VCC).
- 2-digit seven-segment-display and 4 push buttons for operation and to display the system status.
- Integrated (flush-mounted) installation into door leaf
- To be installed indoors<sup>1)</sup>
- AC /DC power supply
- Offline operation possible after configuration
- Operable only within the network capable access control system ekey net

### Item number

Description		Item #		
Name	shape	width 18mm	width 20mm	width 24mm
ekey net CP integra 2	round	100515	100514	100513
	square	100534	100533	100532

### Normen

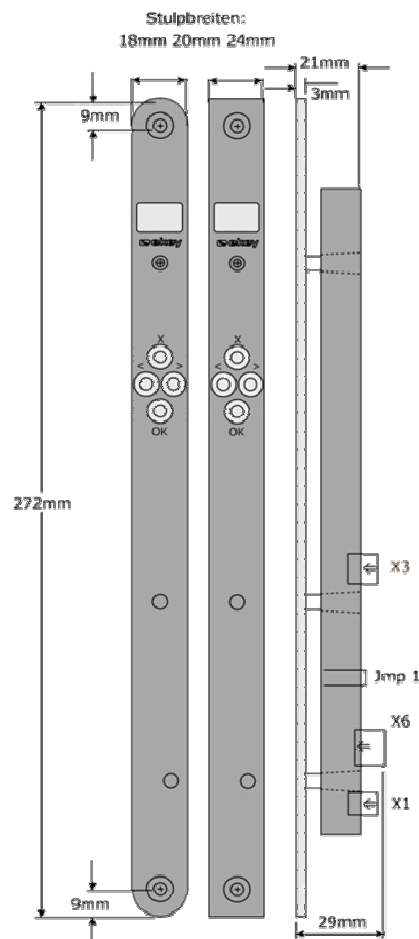
The ekey net CP integra 2 is compliant with the 2004/108/EG(CE) and 2002/95/EC (RoHs) guidelines.

#### applied harmonized standards

EN61000-6-2:2005  
EN 61000-6-3:2007



### Dimensions



**Electrical connection**



<b>X3</b> <table border="1"> <tr><td>3</td><td>1</td></tr> <tr><td>4</td><td>2</td></tr> </table>	3	1	4	2	<b>X3 –Finger scanner</b>	<b>PIN</b>	<b>Cable Type A color</b>				
	3	1									
	4	2									
	RS485 (CLAMP 2)	1	yellow								
RS485 (CLAMP 1)	2	green									
Power supply for FS (CLAMP 3)	3	brown									
	Power supply for FS (CLAMP 4)	4	white								
<b>X6</b> <table border="1"> <tr><td>3</td></tr> <tr><td>2</td></tr> <tr><td>1</td></tr> </table>	3	2	1	<b>X6 – Relay 1 screw clamp</b>	<b>PIN</b>	<b>Cable Type C color</b>					
	3										
	2										
1											
Power supply motor lock (+) (voltage via X1, Pin 6, white)	1	-									
Power supply motor lock (-) (voltage via X1, Pin 5, brown)	2	-									
	Switching impulse (voltage X1, Pin 6, white, is triggered here via relay 1)	3	-								
<b>X1</b> <table border="1"> <tr><td>8</td><td>7</td><td>6</td><td>5</td></tr> <tr><td>4</td><td>3</td><td>2</td><td>1</td></tr> </table>	8	7	6	5	4	3	2	1	<b>X1 - Main supply</b>	<b>PIN</b>	<b>Cable Type B color</b>
	8	7	6	5							
	4	3	2	1							
	Switching input 1	1	blue								
	Switching input 2	2	grey								
	ekey net clamp 2	3	yellow								
	ekey net clamp 1	4	green								
	Power supply DC- or AC	5	brown								
	Power supply DC+ or AC	6	white								
Relay 2 C	7	pink									
Relay 2 NO/NC (jumper setting)	8	red									

## Technical Data

### Absolute maximum threshold values

Operating the device beyond these values will destroy it!

Technical data ekey net CP integra		Unit	Values
<b>Supply</b>	AC	V	24
	DC	V	±30
<b>Temperature range</b>	Storage	°C	-40 up to +85
	Operation	°C	-40 up to +85

### Electrical characteristics

Technical data ekey net CP integra	Unit	Values
<b>Supply</b>	VAC	8-24
	VDC	8-30
<b>Power input</b>	W	~ 1
<b>Relays</b>	Quantity	2
<b>RELAYS</b>		
Relay switching capacity		42VDC(AC)/2A
Maximum voltage (Peak AC)	VAC(DC)	60
ON- resistance (max.)	Ω	0,12
Leakage current	μA	1
Boot time	ms	1.5
Switch-off time	ms	0.5
<b>Temperature range</b>	°C	-40 up to +85
<b>Protection class</b>	IP	40 (front side)
<b>Digital inputs</b>		1
<b>Max. current on X6 PIN 1 (only for integra)*</b>	A	3

Subject to optical and technical modifications, any liability for misprints excluded!