

Product Code	Description
G6-2KT-86	20A,100-240VAC 1 Gang Keycard Switch with time delay



G6-2KT-86-BFCE

(Black interior, Grey Gun Metal colour)

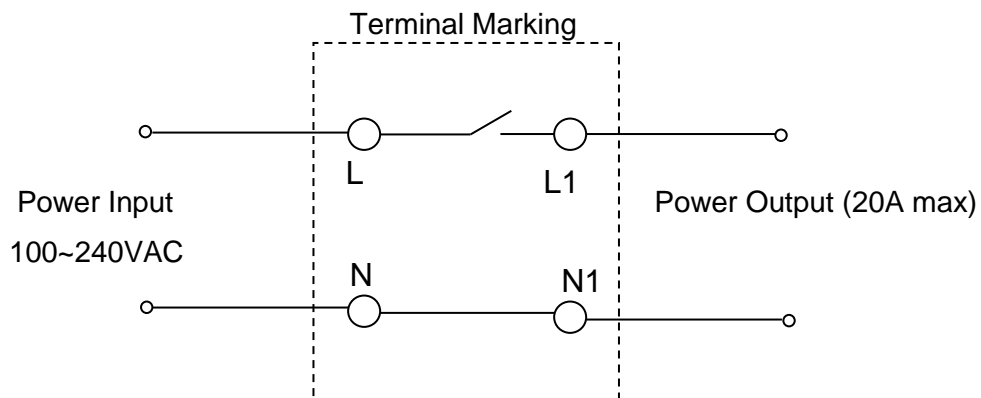


Product back view

## Technical Specification

- Rated voltage: 100-240VAC, 50/60Hz
- Output Relay: 20A, 250VAC
- Recommended wire size:  
4mm<sup>2</sup> - 6mm<sup>2</sup>
- Off-delay time: 30±10s
- Card detection method:  
Mechanical (micro-switch)
- Dimensions:  
86 x 86 x 4 mm (WxHxD)
- Fix Center: 60.3mm
- Fix Screw: M 3.5 x 0.6 x 30 mm± x 2  
M 3.5 x 0.6 x 25 mm± x 2
- Mounting box: > 35mm
- Mounting box: >35mm depth
  - R1150, flush mounting, plastic  
(80 x 80 x 48.4mm) (WxHxD)
  - M1247, flush mounting, metal  
(79 x 73 x 47mm) (WxHxD)
- Comply to standards:  
GB/T 16915、IEC 60669

## Wiring Diagram:



## Other Ultimate Keycard Switch selection:

Card Detection Method	Product code	Input Voltage	Output (max. rating)
Mechanical (Micro-switch)	G6-2KT	100~240VAC	20A 100-240VAC
	G6-KT9	12~24VDC	Dry-contact (10A@240VAC)
RF, Low Frequency (125KHz)	G8-2KT	100~240VAC	20A, 100~240VAC
	G8-KT9	12~24VDC	Dry-contact (10A@240VAC)
RF, High Frequency* (13.56MHz)	G9-2KT	100~240VAC	20A, 100~240VAC
	G9-KT	100~240VAC	Dry-contact (10A@240VAC)
	G9-KT9	12~24VDC	Dry-contact (10A@240VAC)




\* MiFare Classic 1K and 4K RFID card

For other input-output configurations, please contact T&J Sales representative

## Application Note:

1. Wire up the Keycard Switch as in the wiring diagram, ensure that the connections are properly tightened, use ferrule on wire if the wire size is not within the recommended.
2. After installation, power up the Keycard switch, after a short warm-up time, the output is on (Red LED indicator OFF), after a delay of ~30 seconds, the output is cut off, the unit now enter a standby mode (Red LED indicator ON).
3. To activate the output, user slots in the card. To cut off the output (power), pull out the card. After a delay of ~30 seconds, output (power) will be automatically cut off (Red LED indicator ON).



Product Code	Colour
G6-2KT-86-BFSS	 Black Interior, Stainless Steel, Fingerprint Proof, Satin Nickel
G6-2KT-86-BFMR	 Black Interior, Electroplated with Matt Brass, Fingerprint Proof, Satin Brass
G6-2KT-86-BSBL	 Black Interior, Matt Black
For other colours, please contact T&J Sales representative	