KINGDOM ELECTRONICS CC
Electronic Design and Manufacture
Security & Access Control Equipment

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TECHNICAL PRODUCT BULLETIN

12v DC Day Night Switch

Application

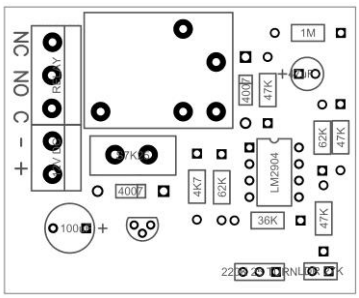
- To automatically bypass or turn on/off any equipment during the day or at night.

Specifications

- 12v DC operation, ideal for solar installations.
- Normally open and closed potential free relay contacts.
- Low standby current 5.6mA.
- Current rating 10A@ 12 VDC.
- Fail safe operation, relay energised during the day.
- Supplied in plastic enclosure filled with waterproof resin.
- Physical size: 69mm x 49mm x 24mm.

Wiring Diagram

○	BLUE	N.C. Relay Contact
○	YELLOW	N.O. Relay Contact
○	WHITE	C Relay Contact
○	BLACK	- 12v DC
○	RED	+12v DC



Installation

- Connect 12v DC and relay contacts to power the equipment.
- Relay will energise if light is detected.
- Cover the unit to simulate darkness, after +- 20 seconds the relay will drop out.