

Energy Saving Switch

Ideally suited for hotel and student accommodation applications, these readers feature an ergonomic design featuring a blue backlit card slot. The Energy Saving Switch has the distinct advantage that the controlled circuit will only be energised when a card of the correct technology is inserted.

The user will simply insert their access card into the reader to enable the integral relay which in turn can be used to control lights, power circuits and other equipment. When leaving the room, the user removes the card and power is shut off after 15 seconds allowing the safe exit of the room occupants.

Features

- Saves energy, saves money by significantly reducing the usage of electricity by only powering circuits and devices when the room is occupied.
- Reduces your carbon footprint by only providing power when the card is in the reader.
- Reduces the risk of equipment overheating and even catching fire.
- Choice of reader technologies: proximity or MIFARE.
- Only operates when a card of the correct type is inserted which prevents the room occupant leaving the room power on by simply inserting for example a business card.
- High Capacity 30A long-life relay
- Ergonomic Design



Specification

	Proximity Energy Saving Switch	MIFARE Energy Saving Switch
TDSi Part Number	5002-0420	5002-0421
Card Technology	125 KHz EM4 102 Proximity	13.56 MHz MIFARE
Operating Voltage	190-240 VAC, 50/60 Hz	
Maximum Load	30 A, 6600W	
Standby Power	1 W	
Delay Time	10-20 seconds (fixed)	
Indications	Blue LED backlight illuminate when inactive	
Relay Service Life	(@220 V, Full load) >10 Million operations	
Operating Temperature	-10 to +60 °C	
Operating Humidity	10 to 95 %RH	
Overall Dimensions	86 x 86 x 35 mm	
Housing Material	Fire-retardant Polycarbonate	
Colour	Grey back with gloss white cover	

Ordering Information

Energy Saving Switch - Proximity	
Energy Saving Switch - Proximity	5002-0420
Proximity Card with Card Number Printed	4262-0245
Energy Saving Switch - MIFARE	
Energy Saving Switch - MIFARE	5002-0421
ISO 1K MIFARE Card - Plain White	2920-3000
ISO 4K MIFARE Card - Plain White	2920-3001
ISO 1K MIFARE Card - White with Serial Number Printed	2920-3002
ISO 4K MIFARE Card - White with Serial Number Printed	2920-3003
White ISO 1K MIFARE Card Sector 4 Encoded	2920-3004

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