



October 2021 New Product Release

# **NEW** Recess Mount Timer Switch with in-built Battery Status Monitoring



Part No. 3970072

## Lucidity Advantages

• Micro Processor controlled using Nanowatt technology to ensure no added drain to the battery that you are using to power your vehicle.

- Laser Cut Stainless Steel
- Encapsulated with Silicone for Durability
- Recess Mount

### **Optional**

### **PIR Sensor**



Part No. 3970074

• PIR (Passive Infrared Sensor) used for automatic lighting applications

• Designed to Integrate with Standard & Recess Mount Timer Switch

• 9-36 Volts

## Remote Switch



Part No. 3270421

- IP69 Rated
- Stainless Steel
- Surface Mount

## **Additional Features**

Most importantly, a Refrigerated Van should perform its main duty: to deliver produce at the correct temperature. Many switch products on the market, if left switched on, will flatten a refrigeration unit's battery. This leaves the refrigeration unit inoperable. If the correct switch is fitted for the application, our timer switch will never flatten your battery. If a switch is selected with programmable time options, the switch is programmable from the on/off button. Simply press and hold the on/off button to select the desired time duration. Alternatively, the switch may be programmed to be a simple on/off switch with no time lapse. Even if the timer switch is left on, it will not allow the refrigeration unit's battery to go flat. The timer switch will shut down when the voltage threshold to start the refrigeration unit is reached.

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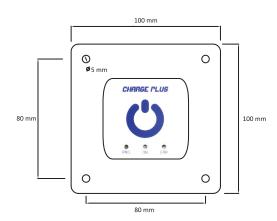
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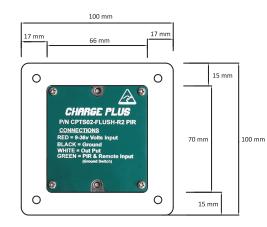
Recess Mount Timer Switch           Recess Mount Timer Switch           3970072           12 Volts DC         ✓           24 Volts DC         ✓           From Lighting Reducer         ✓           Input Over-Voltage Protection         ✓           30 Minute         ✓           30 Minute         ✓           30 Minute         ✓           90 Minute         ✓           90 Winute         ✓ </th <th colspan="4"></th>				
12 Volts DC       ✓         24 Volts DC       ✓         Prom Lighting Reducer       Input Over-Voltage Protection         Input Over-Voltage Protection       ✓         30 Minute       ✓         30 Minute       ✓         90 Minute       ✓         12 word       ✓         13 word       ✓         14 word       ✓         15 Word       ✓         16 Word       ✓         17 word </td <td colspan="2" rowspan="2">Key Features</td> <td><b>Recess Mount Timer Switch</b></td>	Key Features		<b>Recess Mount Timer Switch</b>	
Hon-Timed - Press to Turn On/Off       ✓         5 Minute       ✓         30 Minute       ✓         30 Minute       ✓         90 Minute       ✓         Short Circuit Protected Output       ✓         Low Input Battery Protection (protects input battery against over-discharging)       ✓         Remote Switch Input Provision       ✓         90 Winute       ✓         90 Winute       ✓         90 Remote Switch Input Provision       ✓         90 Winute       ✓ <td>3970072</td>			3970072	
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Over Current Protected Output     ✓       Short Circuit Protected Output     ✓       Low Input Battery Protection (protects input battery against over-discharging)     ✓       Remote Switch Input Provision     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     Yellow       Yellow     ✓       Yellow     ✓		Input Over-Voltage Protection		
Over Current Protected Output     ✓       Short Circuit Protected Output     ✓       Low Input Battery Protection (protects input battery against over-discharging)     ✓       Remote Switch Input Provision     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     Yellow       Yellow     ✓       Yellow     ✓	NЦ	Non-Timed - Press to Turn On/Off		
Over Current Protected Output     ✓       Short Circuit Protected Output     ✓       Low Input Battery Protection (protects input battery against over-discharging)     ✓       Remote Switch Input Provision     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     Yellow       Yellow     ✓       Yellow     ✓	MEAB	5 Minute		
Over Current Protected Output     ✓       Short Circuit Protected Output     ✓       Low Input Battery Protection (protects input battery against over-discharging)     ✓       Remote Switch Input Provision     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     Yellow       Yellow     ✓       Yellow     ✓		30 Minute	$\checkmark$	
Over Current Protected Output     ✓       Short Circuit Protected Output     ✓       Low Input Battery Protection (protects input battery against over-discharging)     ✓       Remote Switch Input Provision     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     ✓       Participarty     Yellow       Participarty     Yellow       Participarty     Yellow       Yellow     ✓       Yellow     ✓		60 Minute		
Short Circuit Protected Output       ✓         Low Input Battery Protection (protects input battery against over-discharging)       ✓         Remote Switch Input Provision       ✓         Image: Superstand Stress over-discharging)       ✓         Image: Switch Input Provision       ✓         Image: S	IS H	90 Minute		
Low Input Battery Protection (protects input battery against over-discharging)       ✓         Remote Switch Input Provision       ✓         Image: Switch Input Pr	Over Current Protected Output			
(protects input battery against over-discharging)       ✓         Remote Switch Input Provision       ✓         U       Red       ✓         SUG       Yellow       ✓         U       Yellow       ✓         U       Yellow       ✓         U       Yellow       ✓         V       ✓       ✓         V       ✓       ✓       ✓         V       ✓       ✓       ✓         V       <	Short Circuit Protected Output			
Remote Switch Input Provision   Red   Solo   Yellow			1	
Red   Yellow   Ganger   Yellow			•	
Red       Yellow       GJ NOT VO, SUBJE       Red       Yellow       Yellow       Yellow       Operates with PIR Sensor				
Red       Yellow       GJ NOT VO, SUBJE       Red       Yellow       Yellow       Yellow       Operates with PIR Sensor	"PRG" LED COLOUR	Red	✓	
Red       Yellow       GJ NOT WANDON WA		Yellow		
Red     ✓       Yellow     ✓       Operates with PIR Sensor     ✓	"ON" LED			
Operates with PIR Sensor		Yellow	✓	
Operates with PIR Sensor	"ERR" LED COLOUR	Red	✓	
•		Yellow		
Encapsulated Electronics	Operates with PIR Sensor		1	
	Encapsulated Electronics			

## **Technical Drawings**

REAR VIEW

#### FRONT VIEW





SIDE VIEW

