

R. C. Tronics, Incorporated

Specializing In Electronic Controls

**2573 East Kercher Road
Goshen, Indiana 46526
Toll Free 1-866-457-7790**

**Phone 1-574-642-3857
Fax 1-574-642-3858
<http://www.rctronics.com>**

Products



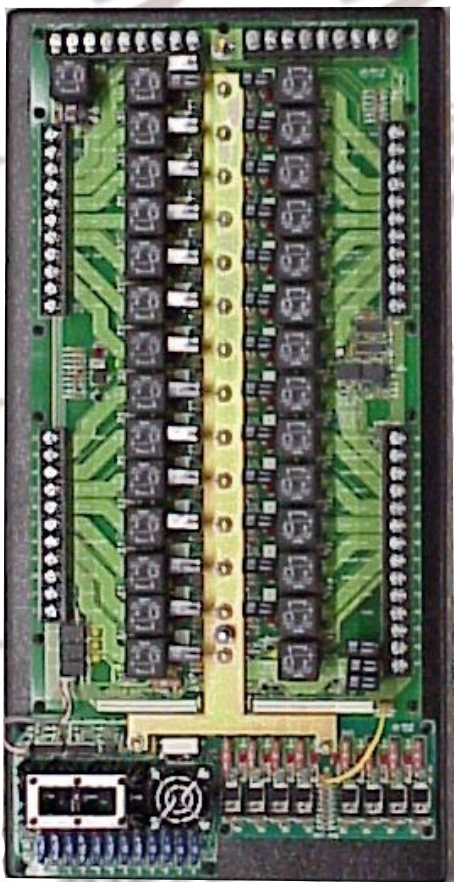
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RCT-743 Ambulance Power Center



Laser Custom-Cut Switch Centers.

Plug-In Data Cables, From Switch to Power Center.

**Dual Module Master Switch, Dash & Module,
Optional. (Shown)**

Code Light & Alert Buzzer, Optional. (Shown)

**Controls Heating / Cooling, Both Single & Dual
Systems with Thermostat Inputs.**

**Master Switch On, Compartment Open, Door Open,
Low Voltage & Battery Indicators, Optional. (Shown)**

Emergency Section Sequencing Both Up & Down.

Add-On Load Management System , RCT-1076

Controls 28 Circuit Breaker Protected Power Loads.

**Horn / Siren, (Vehicle Horn Switch) Defaults to Horn
"Only", When System Shut Down Occurs. Optional.**

**All Loads Can Be Monitored With Three LED
Indicators Associated with Each Load.**

**Signal & Three Power Outputs for Direct Connection
of Strobe Controllers.**

Eight Zone External Compartment Control.

Body Flasher, 12 VDC, 60 Ampere.

Power Center Size; 22 3/8" x 11 3/8" x 2.5" Deep.

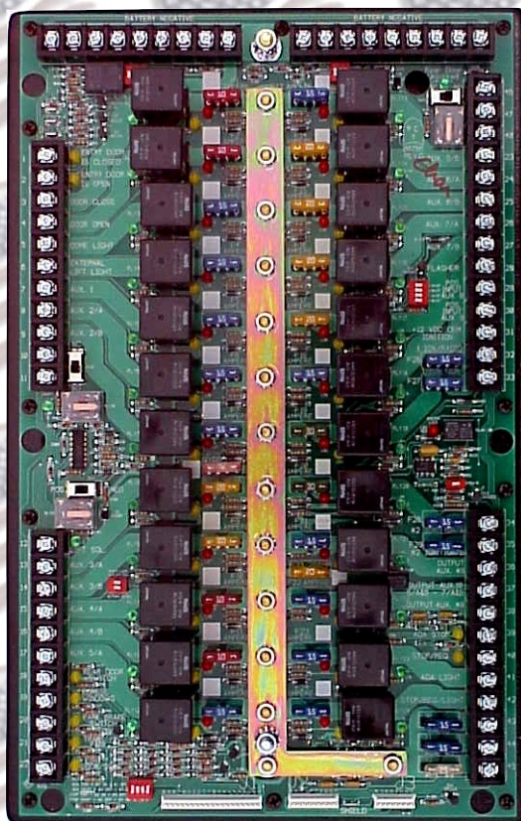
**Total Weight w/Faceplates & Standard Data Cables
Is approximately 18 lbs.**

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RCT-786 Bus Power Center



Laser Custom-Cut Faceplate

Dash Switch Panel & Power Center is connected with a Thirty-Conductor Data Cable. The diameter is 3/8". The total length is determined by the installer.

Many Different Switch Panels are Available.

All Inputs and Outputs are Monitored with LEDs, makes Trouble-shooting a visual event.

Twenty-Four, Fuse Protected Power Relays Provide +12 VDC @ 30 Ampere For All Loads.

Electric Door Operator with Inputs to Limit Door Travel.

Latching Inputs for ADA and Passenger Stop Request.

ADA, Vehicle Secure System, Provides Output for Chair Lift, Locks Vehicle Shift Lever, Interfaces with Ford & Chevy Chassis.

ADA Information Panel, Displays all Inputs and Outputs.

Rear Door Unlock, Prevents Engine Start-Up if not Unlocked.

Information Indicators, Lift Door, ADA Stop, Passenger Stop, Egress Window, Rear Door and Electric Door Open.

Size 16.5" x 10.5" x 2.5" Deep / Weight 9 lbs.

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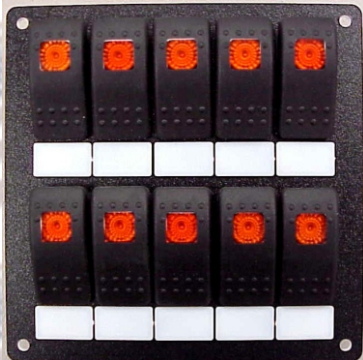
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Speciality Vehicle Power Center

RCT-01279-00000

Switch Center, Size 6x6 inch



RCT-01277-00000

Rotary Switch Center, Size 6x6 inch



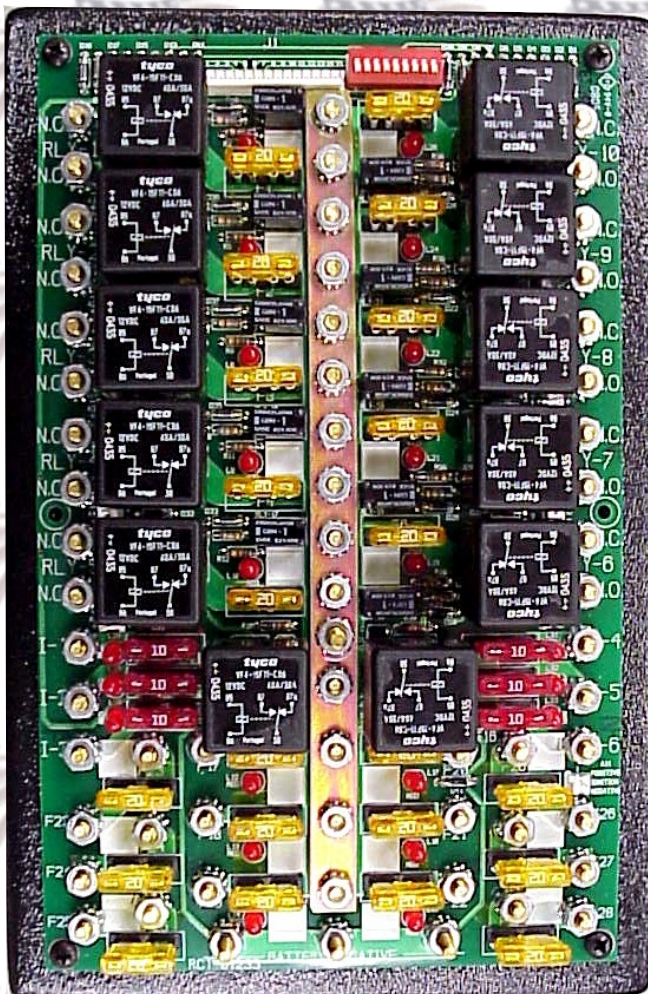
RCT-01276-00000

Slider Switch Center, Size 6x6 inch



RCT-01233-00000

Power Center, Size 7x10.25 inch



RCT-01295-00000

Switch Center, Size 2.85x7.25 inch



RCT-01297-00000

Rotary Switch Center, Size 2.85x7.25 inch



RCT-01296-000

Slider Switch Center, Size 2.85x7.25 inch



All "Switch Centers", have a progressive load capability which permits sequencing of loads, ie; "Rear Flash-Front Flash-Light Bar-Siren".

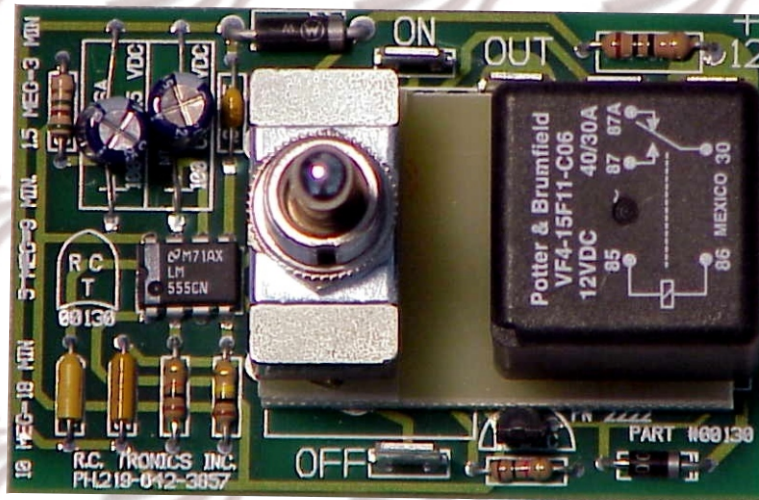
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RCT-130 Light Control Delay Off



Standard Timing Range 9 or 18 Minutes.

Operating Voltage, 12 VDC.

Load Current, 20 Ampere.

External Tabs for Limit Switch Connection

System operation; you may turn load on and off. If left on it will automatically turn off in the timing range. (Additional timing ranges available).

Size 2.9 Long x 1.9 Wide x 2.2 Deep

Weight 4 oz.

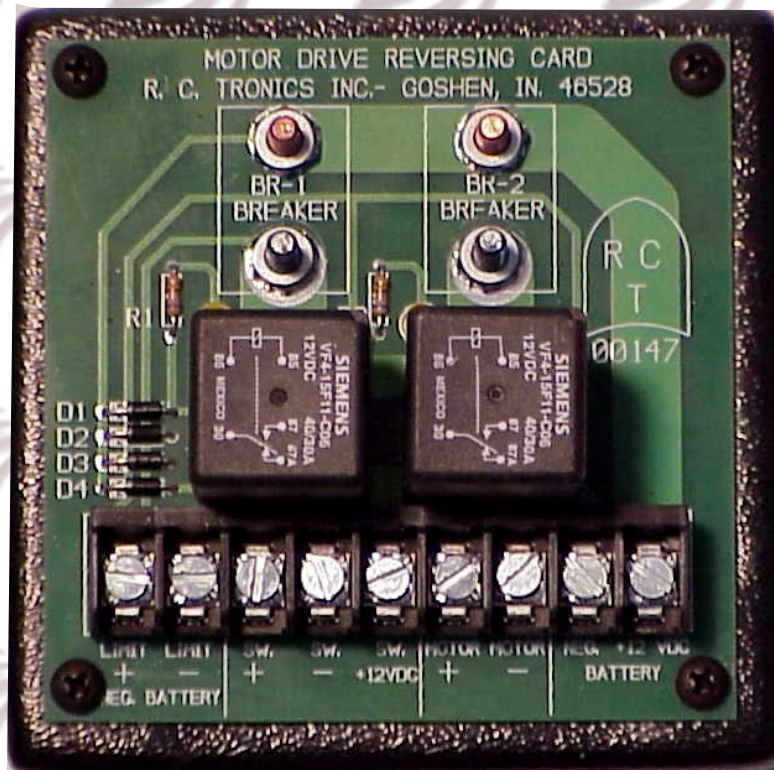
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RCT-147 Two Wire Motor Reversing



Operates 12 VDC Motor at 30 Ampere.

Limit + & -, opens to battery negative to limit travel.

Switch + & -, positive input signal.

Motor+ & -, to two wire 12 VDC motor.

Size 4.5" x 4.5" x 2.5" Weight 8 oz.

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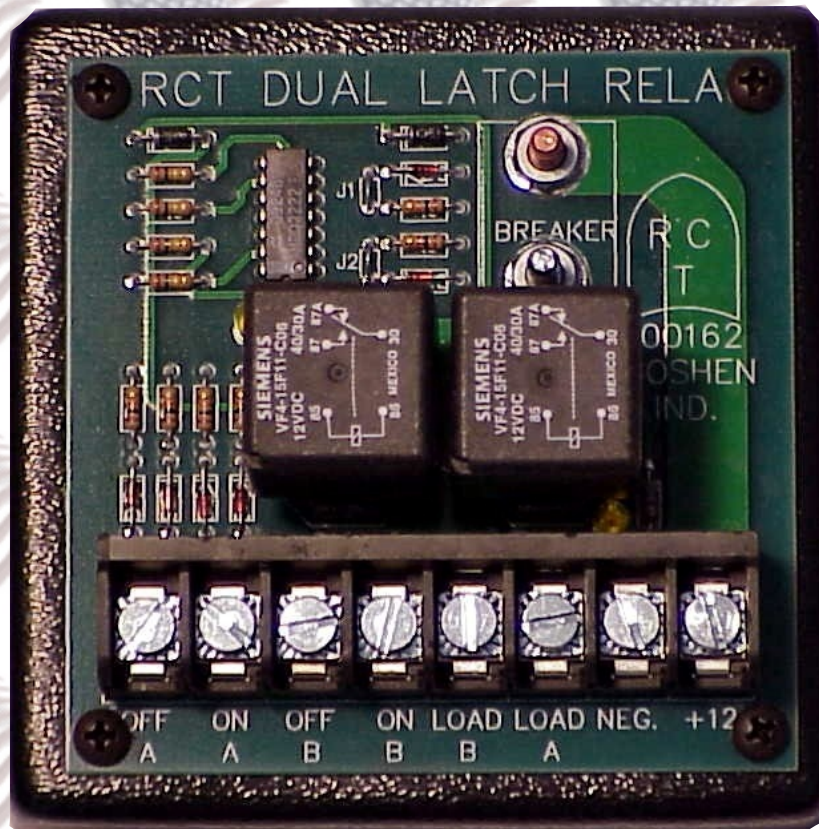
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RCT-162 Dual Latch Relay



System will control two loads with momentary switches. Will operate loads from multiple locations.

Off A, turns load A off.

On A, turns load A on.

Off B, turns load B off.

On A, turns load B on.

Size 4.5" x 4.5" x 2.5" Weight 8 oz.

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RCT-261 Low Level Monitor



Monitor Any Conductive Fluid

Red Conductor - +12 VDC @ 1 Ampere.

Black Conductor - Negative.

Blue Conductor - Load Outout +12 VDC @ 1 Ampere.

Yellow Conductor - Sense Wire.

Size 2.9" x 1.4" x 1" Deep.

Weight 3 oz.

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RCT-264 High-Side Switch



Need to Invert a Signal

Red Conductor - +12 VDC @ 5 Ampere.

Blue Conductor - Load Output +12 VDC @ 5 Ampere.

Yellow Conductor - Sense Batter Negative

Size 2.9" x 1.4" x 1" Deep.

Weight 3 oz.

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RCT-268 Three Second Alarm



Sounds A Three Second Alarm When Sense Input Is Grounded

Red Conductor - +12 VDC @ 5 Ampere.

Black Conductor - Battery Negative

Blue Conductor - Load Output +12 VDC @ 5 Ampere.

Yellow Conductor - Sense Battery Negative

Size 2.9" x 1.4" x 1" Deep.

Weight 3 oz.

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RCT-269 Pulsating Alarm



Sounds A Pulsating Alarm When Sense Input Is Grounded

Red Conductor - +12 VDC @ 5 Ampere.

Black Conductor - Battery Negative

Blue Conductor - Load Output +12 VDC @ 5 Ampere.

Yellow Conductor - Sense Battery Negative

Size 2.9" x 1.4" x 1" Deep.

Weight 3 oz.

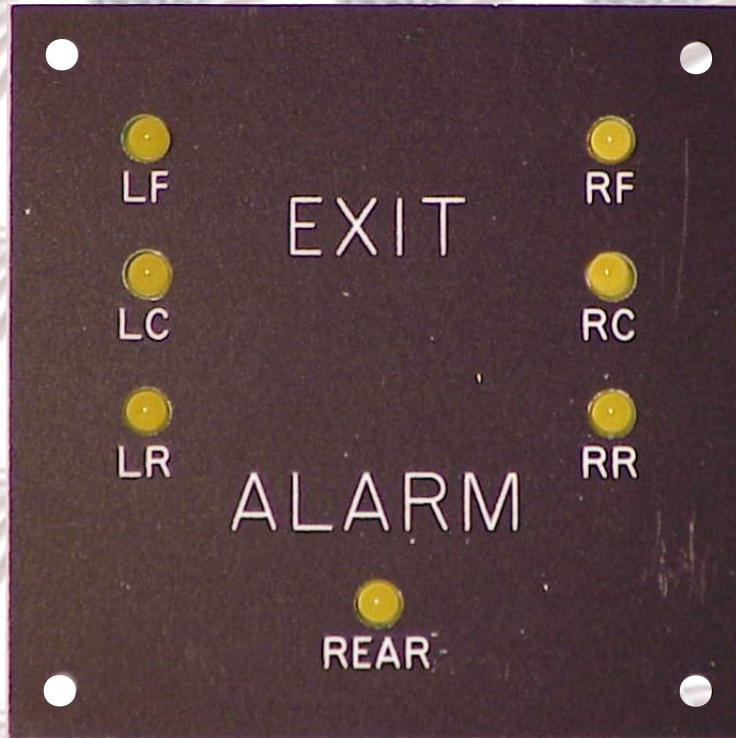
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RCT-272 Exit Alarm-Seven Zone



System Operation, grounding any input will indicate an open window or door with LED Indicator and Audible alarm.

Operating Voltage 12 VDC.

Sink current per zone .020 ampere.

Size 3.5" square X 1" deep

Weight 3 oz.

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RCT-279 Low-Side Switch



Sense A High Resistance To Ground & Drive High Current Load

Red Conductor - +12 VDC @ 5 Ampere.

Black Conductor - Battery Negative

Blue Conductor - Load Output Battery Negative @ 5 Ampere.

Yellow Conductor - Sense Battery Negative

Size 2.9" x 1.4" x 1" Deep.

Weight 3 oz.

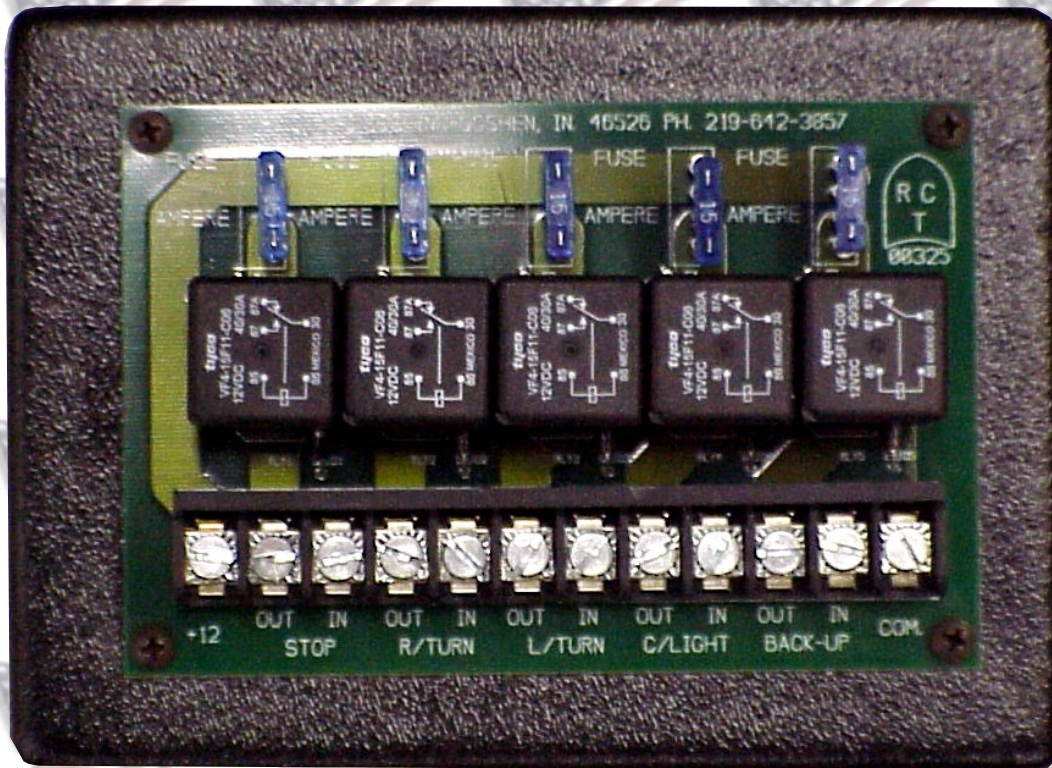
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RCT-325 Five Relay with On Output



Five Relay with Relay On LEDs.

Grounding any relay inputs "SW.1" thru "Sw.5" will provide a "RLY On" signal to battery positive.

Size 7.4" x 5.5" x 2.5" Deep.

Weight 1 lb.

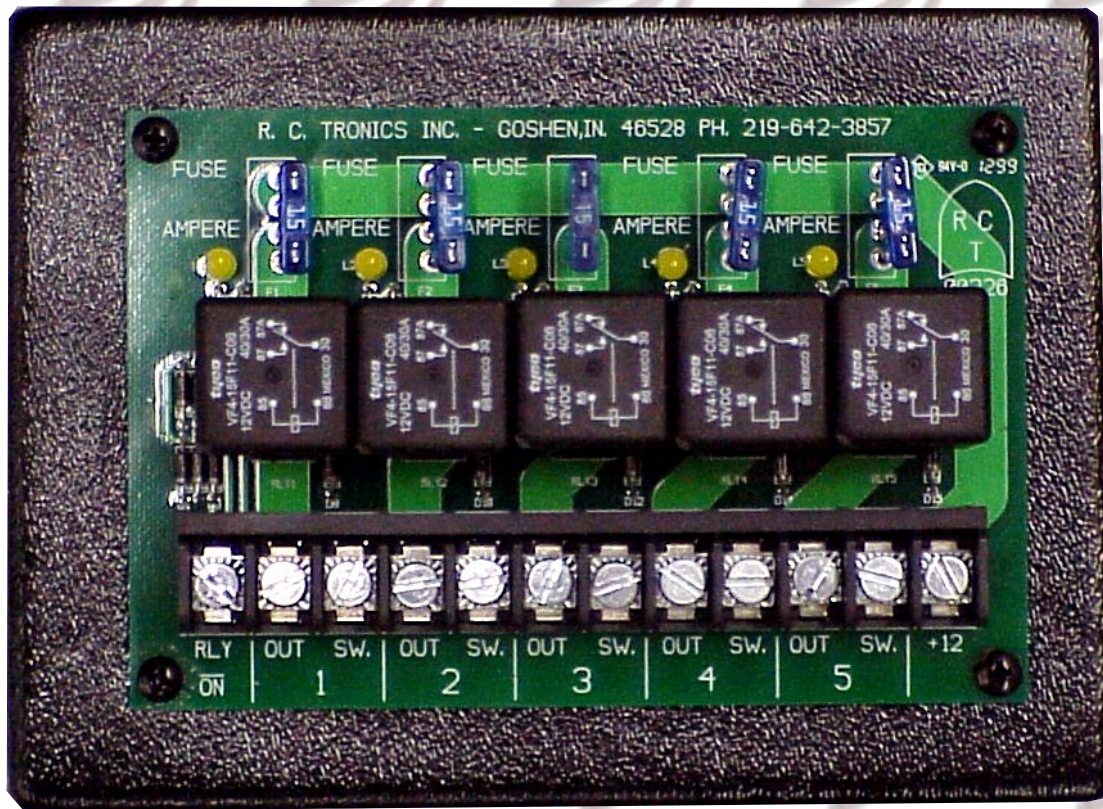
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RCT-326 Five Relay with On Output



Five Relay with Relay On LEDs.

Grounding any relay inputs "SW.1" thru "Sw.5" will provide a "RLY On" signal to battery negative.

Size 7.4" x 5.5" x 2.5" Deep.

Weight 1 lb.

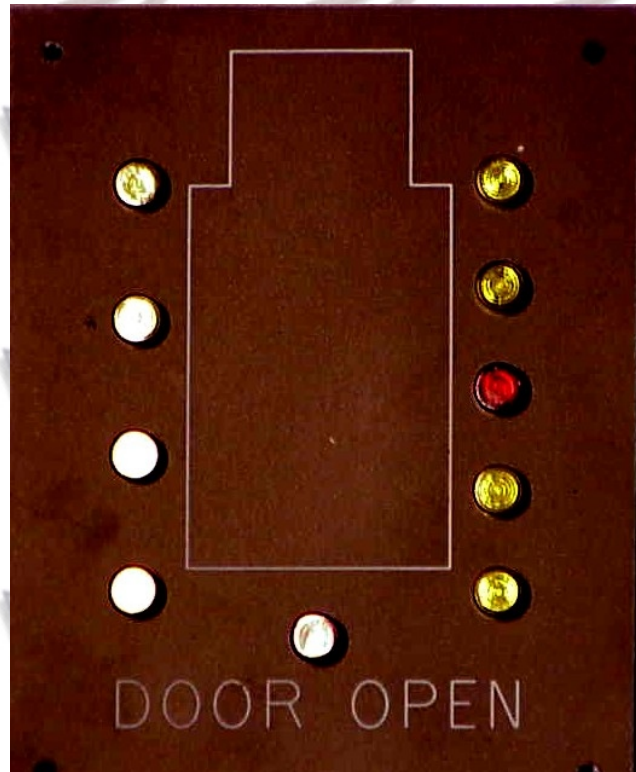
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RCT-354 Ten Zone Open Door/Compartment Monitor



Provides visual indication only of open door or compartment.

Custom face plates, per your requirements, laser cut.

Select flashing or steady led indication.

4.5" x 3.5" x 1" deep

Weight 4 oz.

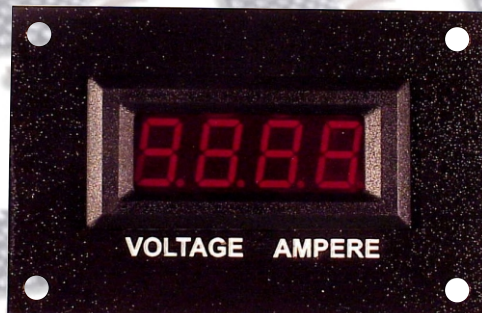
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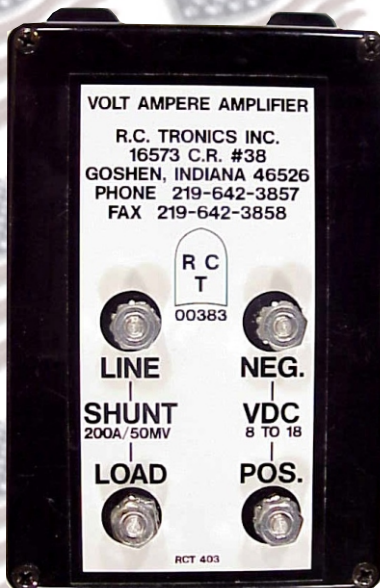
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Digital Voltage, Ampere and Hourmeters

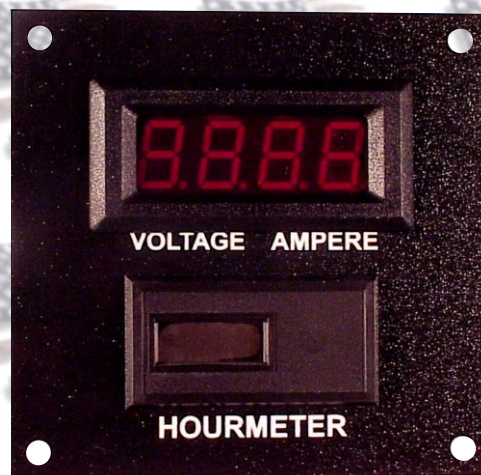


RCT-400



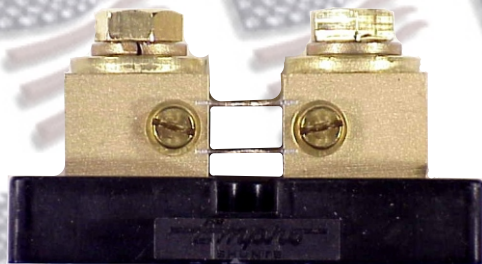
RCT-383

**Voltage/Ampere
Used with all Displays**

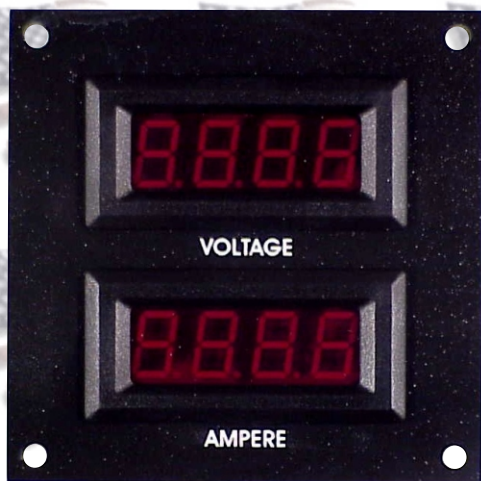


RCT-399

**Alternates Voltage, Amperage
With Digital Hour Meter**

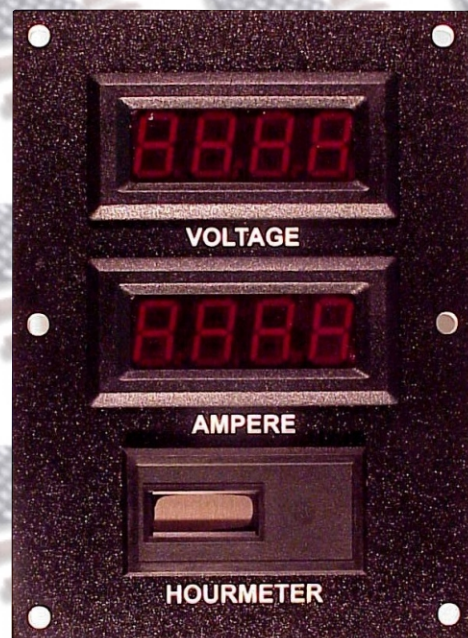


MLB-50-200 Current Shunt



RCT-1377

Constant Voltage & Current



RCT-398

Voltage, Amperage & Hour

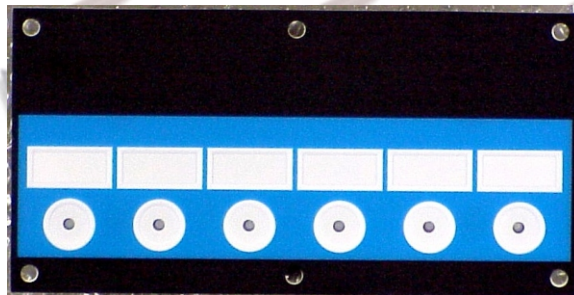
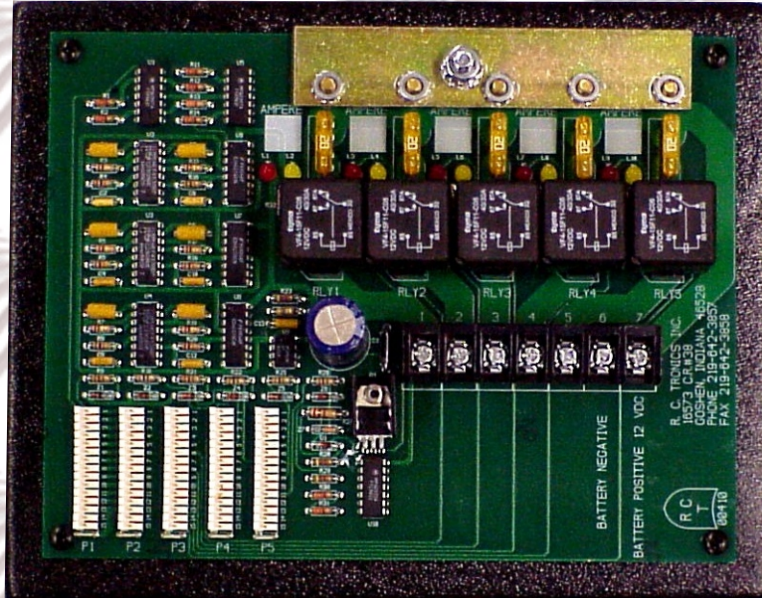
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RCT-410 Power Center, Momentary Switching



Switch up to five 12 VDC @ 30 Ampere loads from multiple locations.

Ideal for Transit Bus, Limo's Fire and Ambulance Vehicles.

**RCT-434, Two Switch/RCT-431, Three Switch/RCT-428 Four Switch
RCT-425, Five Switch & RCT-422, Six Switch (Shown)**

Power Center Size 9.5" x 7.5" x 2.5' Deep / Switch Size 6" x 3" x .8 Deep

Weight 1.5 lbs.

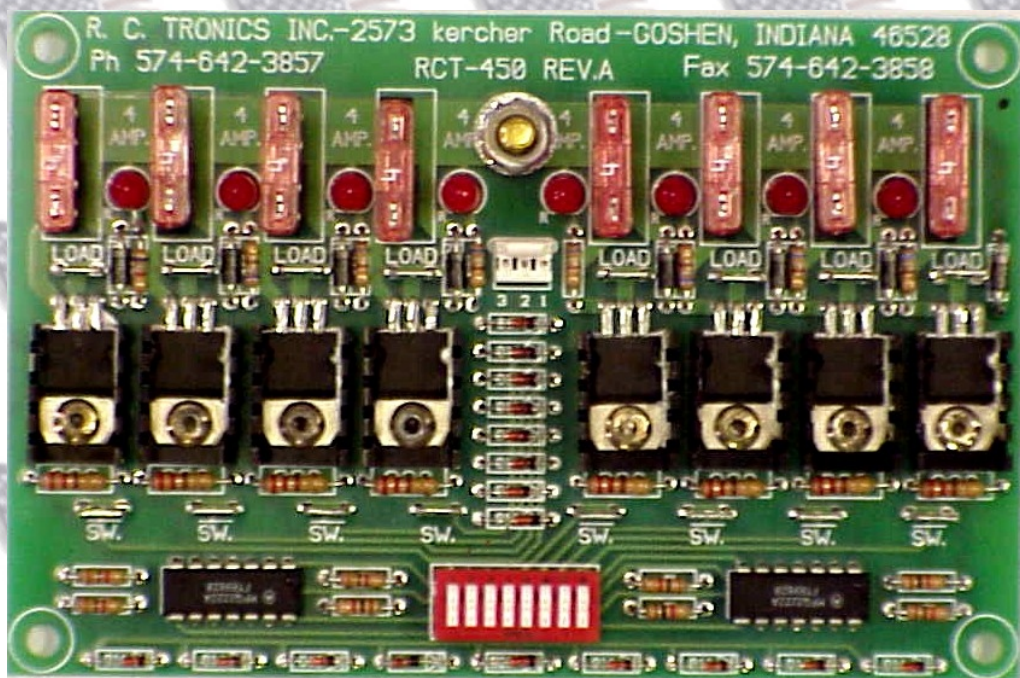
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RCT-450A Eight Compartment Light Control With Zone Control Select



Eight Zones With Single Output To +12 VDC @ 4 Ampere When Any Input Goes to Battery Negative.

Can Be Used With Dash Indicator Depicting Open Compartment. (Pin #3)

All Zones Enabled with 12 VDC Signal from "System Enable", (Pin #2)

All zones can be overridden with Dip Switch mounted on PCB

Fuse Protected, Maximum Current Four (4) Ampere.

All Fuses Monitored With Red Led.

Size 5.5" x 3.6" x 1.8" Deep

Weight 8 oz.

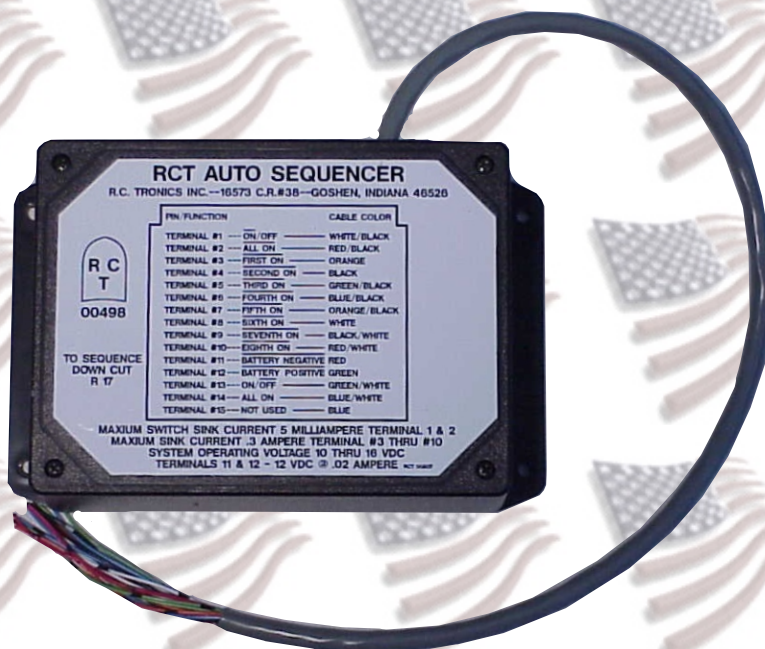
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RCT-498 Auto Sequencer



Eliminate Alternator Stress, via Load Shock

Sequence up to eight loads (300 ma. sink)

Selectable Sequence Down Feature

Sequence start, sink (2 ma.) or +12 vdc (2ma.)

All on, sink (2ma.)

System Power Supply 12VDC @ 20 ma.

Physical Size; 2.4" deep x 4.6" high x 7.3" long

Weight 13 oz.

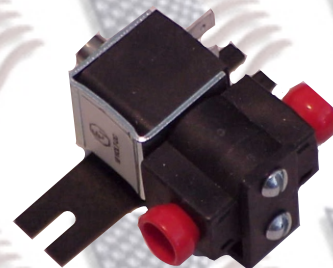
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RCT-510 / 595 Idle Increaser



Our "Manual Idle Increaser", RCT-510 shown. RCT-595 is identical with one exception, a 15 minute timer which will remove high idle after a time period. Terminal identification as follows.

1. "SERVICE BRAKE" - Plus 12 volts DC input from service brake. Will inhibit +12 vdc output from Terminal marked "SOLENOID OUT".
2. "SYSTEM ENABLE" - This terminal must be taken to battery negative. Together with "Park Brake" And "Transmission" will produce +12 vdc at "SOLENOID OUT".
3. "PARK BRAKE" - This terminal must be taken to battery negative. Together with "System Enable" And "Transmission" will produce +12 vdc at "SOLENOID OUT".
4. "TRANSMISSION" - This terminal must be taken to battery negative. Together with "System Enable" And "PARK BRAKE" will produce +12 vdc at "SOLENOID OUT".
5. "SOLENOID +12" - This terminal must be connected to +12 vdc. It is provided as an absolute power Removal from terminal "SOLENOID OUT".
6. "NEGATIVE" - To battery negative.
7. "SYSTEM +12" - To battery or ignition +12 vdc.
8. "SOLENOID OUT" - To supplied solenoid valve.

AVAILABLE BRACKETS FOR VACUUM MOTOR

1. RCT -511 Vacuum Motor Bracket - Chevrolet GP Chassis 454 CID (year 1994, 1995, 1996)
2. RCT -508 Vacuum Motor Bracket - Ford Chassis E350 (year 1988 thru 1996)
3. RCT -568 Vacuum Motor Bracket - Ford Chassis E350 (year 1996 and 2001)

AVAILABLE TRANSMISSION PARK SENSOR BRACKET

4. RCT 281 Transmission Bracket - Ford Chassis E350 gas (year 1988 thru 1995) diesel (1988 thru 1994)
5. RCT 567 Transmission Bracket - Ford Chassis E350 V-8 and V-10 gas (year 1996 and 2001)

2' High x 3.2" Wide x 5.7" Long ---Weight 8 oz ---Solenoid 4 oz ---Vacuum Motor 5 Oz.

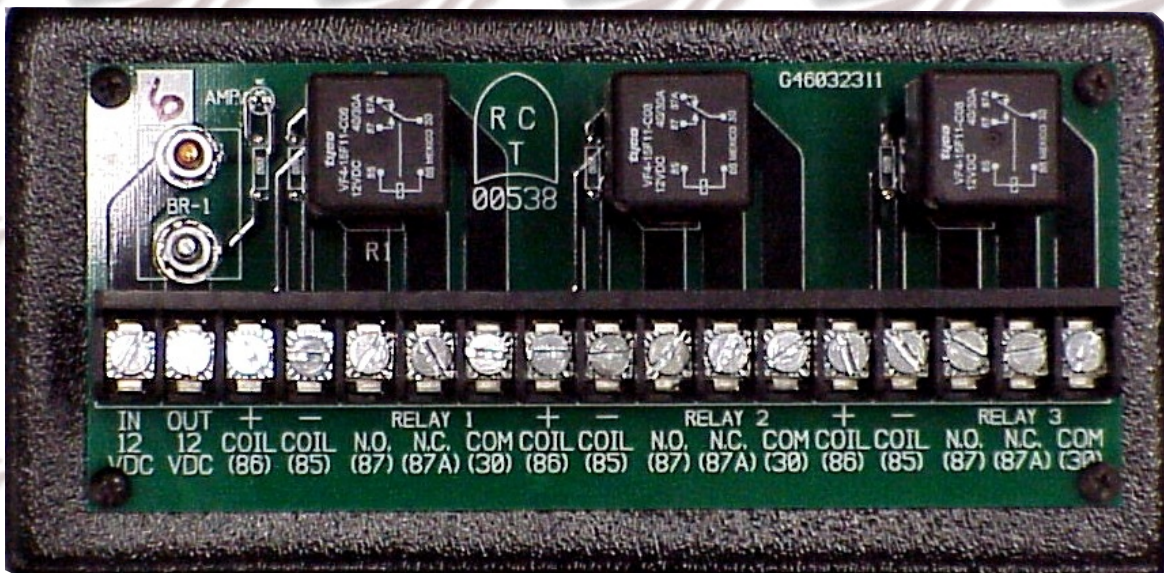
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RCT-538 Three Relay with Breaker PCB



Three Relay PCB, Form C Outputs.

General Purpose Outputs.

**Single Circuit Breaker, User Defined
Rating.**

Size 8.7" X 4.3" X 2.5" Deep.

Weight 13 oz.

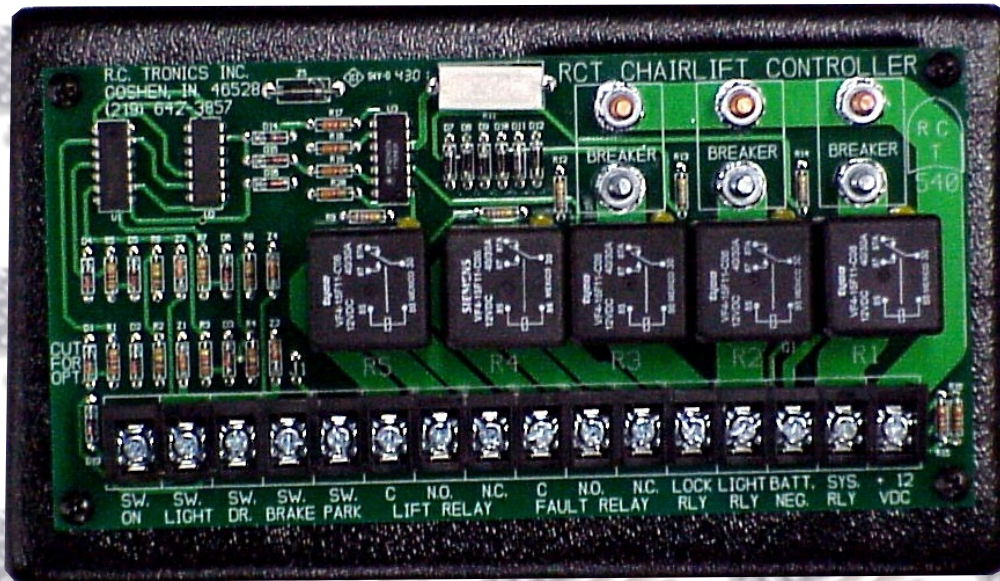
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RCT-540 ADA Chair Lift Control



SW. ON-----Normally connected to switch, which operates to Battery Negative, Enables RCT-540.

SW. LIGHT-----Normally connected to +12 VDC, vehicle headlight switch. Cut J1 jumper, Below left of Relay R5. This input may be left open, light relay R2 will Operate when system is armed and door is opened.

SW. DR.-----Normally connected to door plunger switch, which operates to battery Negative when lift door is opened.

SW. BRAKE-----Normally connected to vehicle parking brake, which operates to Battery Negative.

SW. PARK----- Normally connected to vehicle transmission switch, which operates to Battery Negative.

LIFT RELAY-----C = common terminal to N.O. (normally open). N.C. (normally closed) This relay #5 operates when all inputs are present and vehicle is deemed "Safe".

FAULT RELAY---C = common to terminal N.O. (normally open) N.C. (normally closed) This relay #4 operates when a condition exists and vehicle is deemed "Unsafe".

LOCK RELAY---Operates anytime system is armed or any input is present. Positive 12 VDC rated at 15 ampere.

LIGHT RELAY---Operates when inputs are correct. Used for platform lighting. Rated 12 VDC at 15 ampere.

BATT. NEG.-----Connect to battery negative. Use #16 AWG conductor. **THIS MUST BE WIRED DIRECT TO BATTERY, DO NOT SWITCH.**

SYS. RELAY-----Operates when SW. ON or SW. DR. is operated to battery negative. Positive 12 VDC rated 15 ampere.

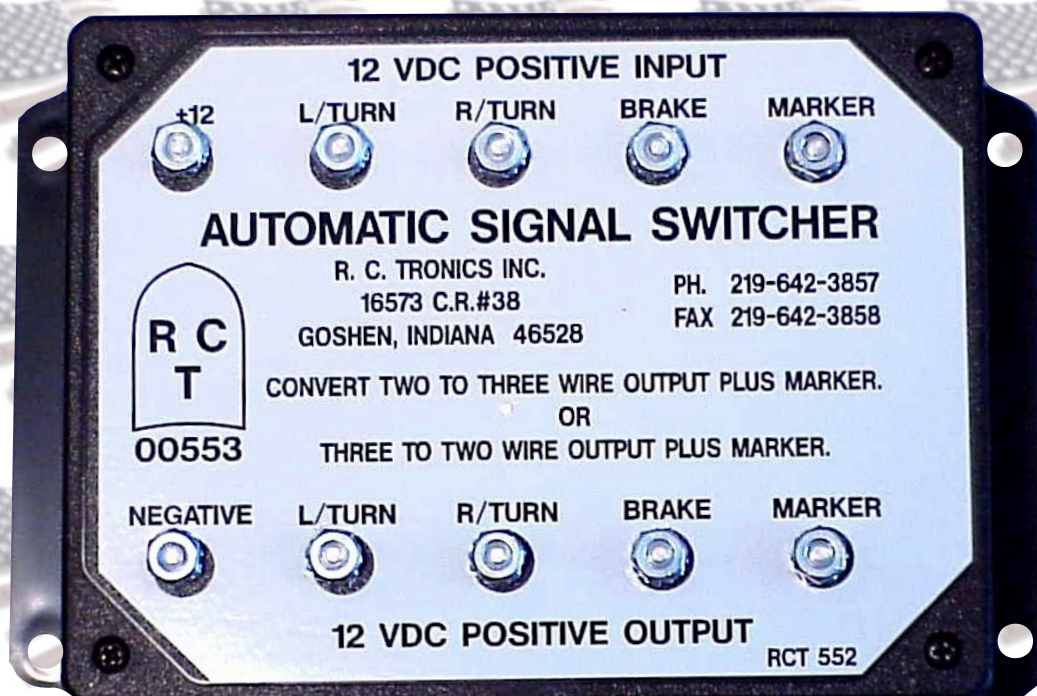
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RCT-553 Automatic Signal Switcher



Amplifies - Left Turn / Right Turn / Brake / Marker

All Inputs 12 / 24 VDC @ 5 ma.

All outputs 12 / 24 VDC @ 15 Ampere.

Convert two-wire input to three wire output, plus marker.

Convert three-wire input to two wire output, plus marker.

+12 VDC - Size wire AWG to Total Load Requirements.

Negative - #20 AWG. to Battery Negative.

Size; 2.4" Deep x 4.6" High x 7.3" Long, Weight 20 oz.

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RCT-567 Transmission Park Sensor



Used with Ford V-10 Gas

Maximum switch current .5 ampere.

WHITE - COMMON

BLACK - NORMALLY OPEN

BLUE - NORMALLY CLOSED

Weight 4 oz.

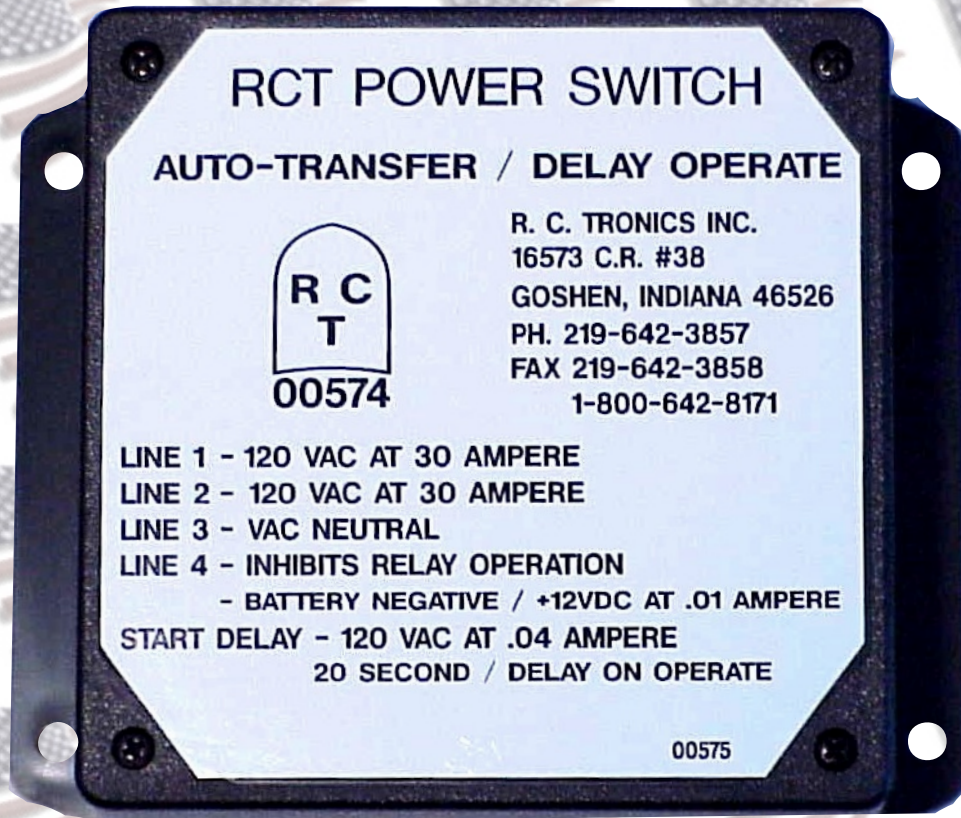
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RCT-574 Power Transfer Switch



Power Switch, delay on application of AC Power. It will transfer 120 / 240 VAC with current capability of thirty (30) ampere.

The approximate delay of 20 seconds.

Can be used for transfer of Shoreline or Generator Power.

5.7" Wide X 4.6" High X 2.4" Deep

Weight 18 OZ.

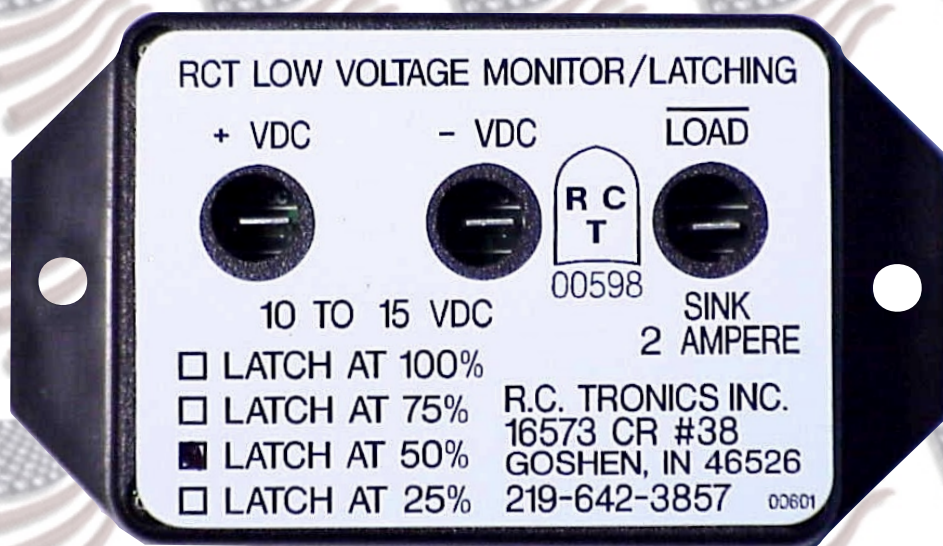
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<http://www.rctronics.com>**

RCT 598 LOW VOLTAGE MONITOR / LATCHING



This control is designed to latch to battery negative when voltage level drops below a preset level. It will remain in that condition until power is removed from load.

It is well suited and is often used with RCT-510 or RCT-595 "MANUAL IDLE INCREASER". To install; simply supply +12 VDC power to + VDC, battery negative to - VDC. Then remove battery negative from power solenoid and reconnect wire from that solenoid and connect to the "LOAD" terminal of RCT-598 Low Voltage Monitor / Latching.

DIMENSIONS 1" X 2.4" X 4.3"

Weight 3 OZ.

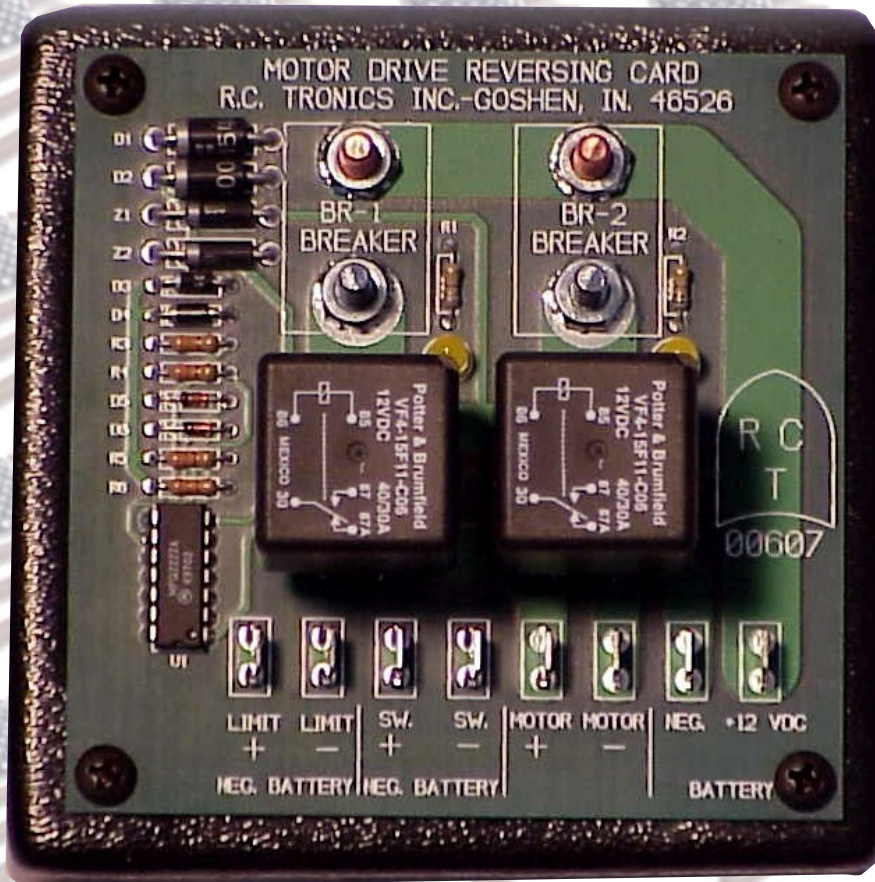
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RCT-607 Motor Reversing



Momentary Switch Closure

Maxium Current 30 Ampere at 12 Volts D. C.

Switch + / - Sink Current .14 Ampere

Limit + / - Sink Current .01 Ampere

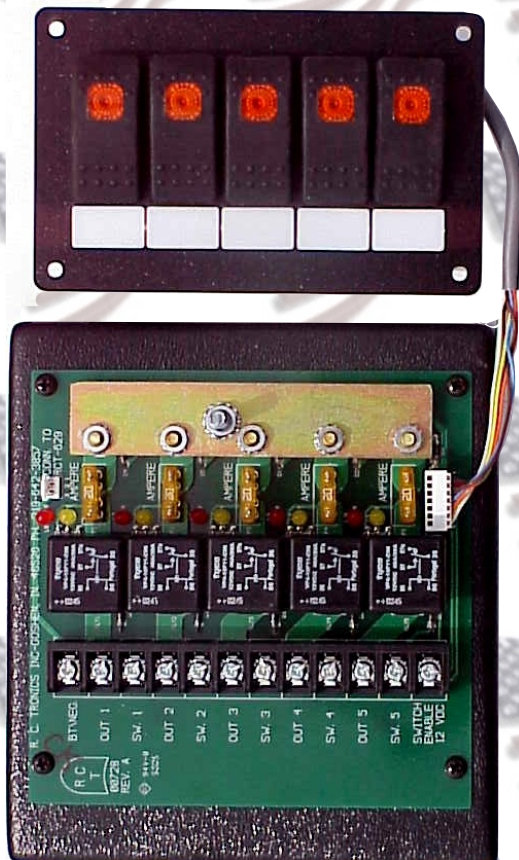
OPERATE ANY TWO WIRE D.C. MOTOR

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RCT-728 / RCT-621 Power Center

Dimension 7 1/2 " high x 6 3/4" wide x 3" deep weight 20 oz.

This system can carry a maximum of 200 ampere at 12 VDC. Unit houses five 40-ampere relays. Each relay is fuse protected, which can be protected with ATO or circuit breakers. Open fuse is indicated with a red LED located beside each fuse. Relay "energized" is indicated with an amber LED. Each relay can be operated with a contact closure to battery negative, (rated 12 VDC at .14 ampere) at terminal strip marked SW 1 thru SW 5. Relay output to loads is also located at terminal strip. (Rated 12 VDC at 40 ampere) The two additional openings at terminal strip are, "Battery Negative" (rated 12 VDC at 1 ampere) and "Switch Enable". (Rated 12 VDC at .1 ampere) Cutting zero ohm resistors above each switch will cause relay not to energize until the signal is present at "Switch Enable". Eight-conductor data cable is required to connect Power Center to Switch Panel.

BT/NEG.	= Battery Negative	12 VDC at 1 ampere
OUT 1	= Relay # 1 output	12 VDC at 40 ampere
SW. 1	= Operates relay # 1	12 VDC at .14 ampere
OUT 2	= Relay # 2 output	12 VDC at 40 ampere
SW. 2	= Operates relay # 2	12 VDC at .14 ampere
OUT 3	= Relay # 3 output	12 VDC at 40 ampere
SW. 3	= Operates relay # 3	12 VDC at .14 ampere
OUT 4	= Relay # 4 output	12 VDC at 40 ampere
SW. 4	= Operates relay # 4	12 VDC at .14 ampere
OUT 5	= Relay # 5 output	12 VDC at 40 ampere

EIGHT PIN HEADER

Pin #1	= Black Wire, Battery Positive +12 VDC
Pin #2	= Red Wire, Switch Enable +12 VDC
Pin #3	= Green Wire, Battery Negative
Pin #4	= Brown Wire, Switch # 1
Pin #5	= Blue Wire, Switch # 2
Pin #6	= Orange Wire, Switch # 3
Pin #7	= Yellow Wire, Switch # 4
Pin #8	= White Wire, Switch # 5

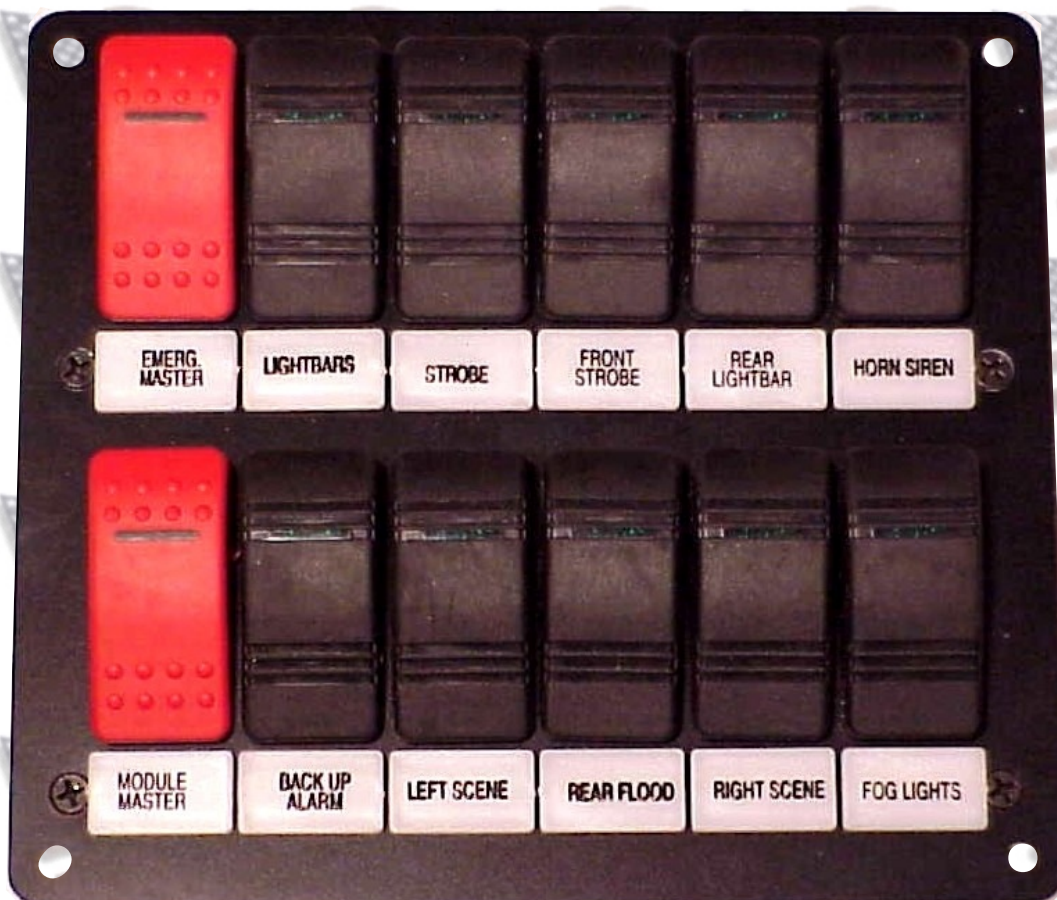
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RCT-645 FACEPLATE 12 SWITCH WITH BACK LIGHT



AVAILABLE SWITCHES

Carling Switch; maintained, single pole- on / off - single light-black.	Part # V1D11HOB-CGB00-000
Carling Switch; maintained. single pole- on / off / on - double light-black.	Part # V6D1WHHB-CHB00000
Carling Switch; maintained-single pole- on / off - single light-red.	Part # V4D11HOB-AGR00000
Carling Switch; momentary-single pole- on / off - single light-red.	Part # V2D11HOB-ARG00-000
Carling Switch; momentary-single pole- on / off - single light-black.	Part # V2D11HOB-CGB00000
Carling Switch; momentary-single pole- on / off / on - double light-black.	Part # V8D1WHHBCHB00000

Dimensions 2" x 6 1/4" x 7" weight 14 oz.

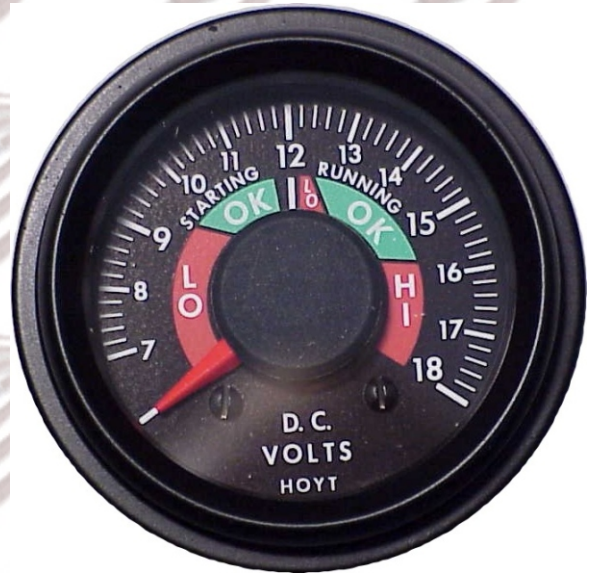
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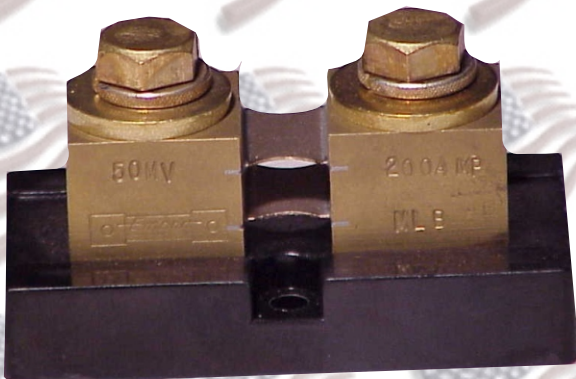
Voltmeter Order RCT-660



Ampere Meter Order RCT-659



Current Shunt MLB-50/200



Hour Meter Order RCT-658

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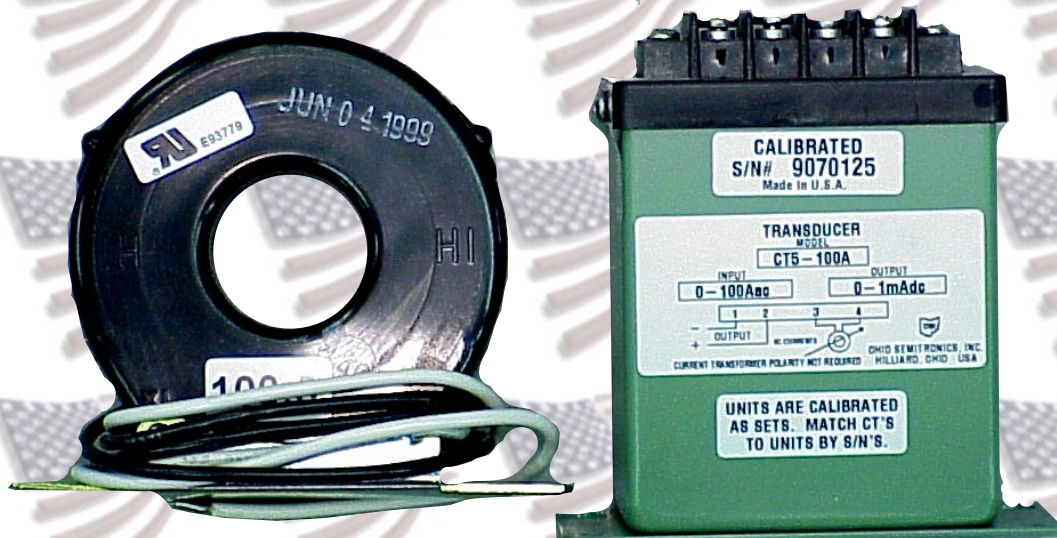
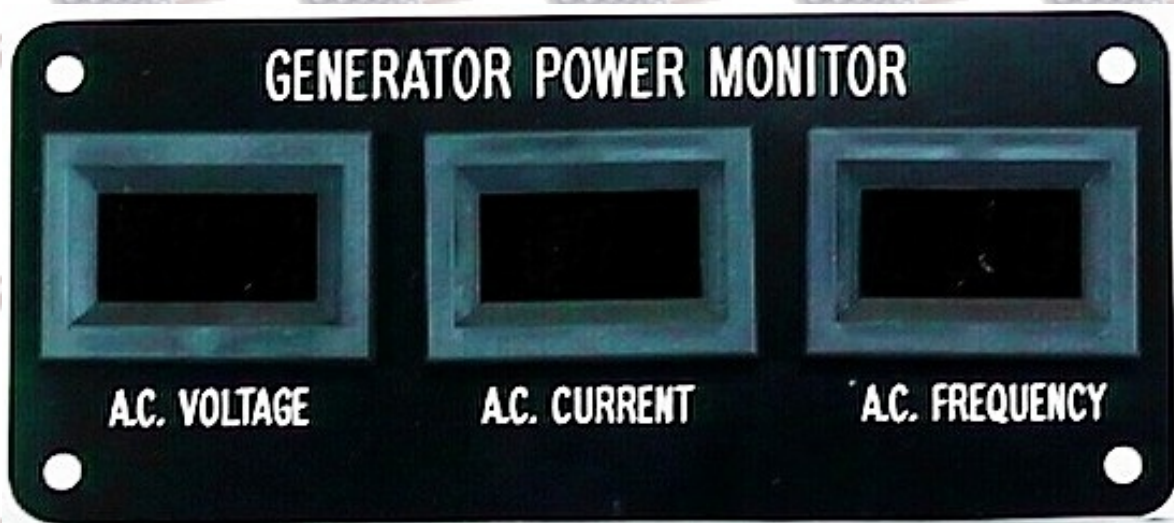
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RCT-668 Digital AC Voltage, Amperage & Frequency

Monitors AC Power. Size 6.4 x 2.8



Current Transducer. One Required For Each Current Meter

Pin #1 of Current Meter, (red) to +12 VDC

Pin #2 of Current Meter, (black) to - VDC (common)

Pin #3 of Current Meter, Not Used

Pin #4 of Current Meter, Not Used

Pin #5 of Current Meter, (green) to Current Transducer Terminal #2

Pin #6 of Current Meter, (white) to Current Transducer Terminal #1

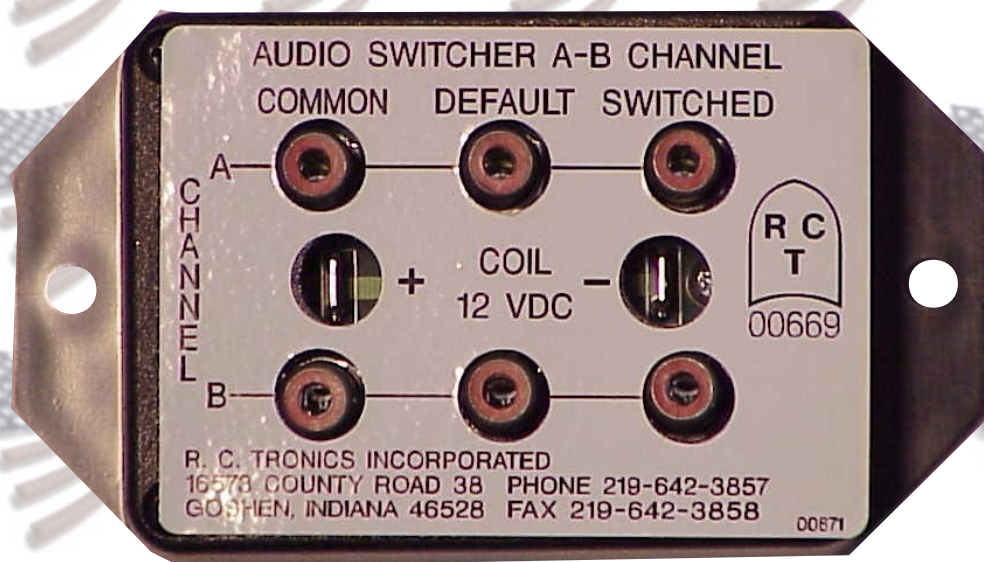
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RCT-669 Audio Selector



Select 1 of Two Audio inputs.

Coil

Voltage 12 VDC @ .006 Ampere.

4.25 x 2.375 x 1.125 deep.

Weight 3 oz.

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RCT-673 Ignition Delay On Release



This module provides a delay on removal of ignition power. It interfaces with all of our systems so as to provide you with ample time to exit the vehicle..

Size 1" x 2.4" x 4.3"

Weight 4 oz.

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RCT-686 Electronic Current Shunt



Operates 12 VDC, Requires .1 Ampere of Current

**Outputs 50 millivolts, with 200 ampere sensed current.
(Can be scaled for various outputs, up to 350 ampere)**

Requires no physical contact with conductor being sensed.

Module Size: 4.3" long x 2.3" wide x 1.1" high

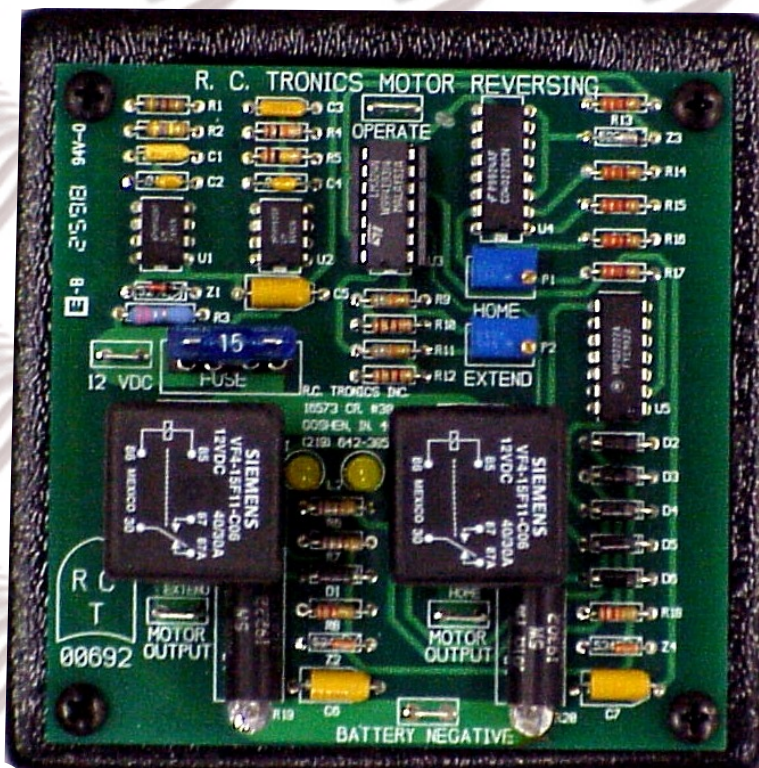
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RCT-692 Motor Torque Controller Two Wire Motor Door Operator



Operates Electric Door, Steps & Slide Outs.

Independent Current Adjustments for Extend & Retract

Operates 12 VDC Motors up to 30 Ampere

Size; 4.5" Square x 2.5" Deep

Weight 10 oz.

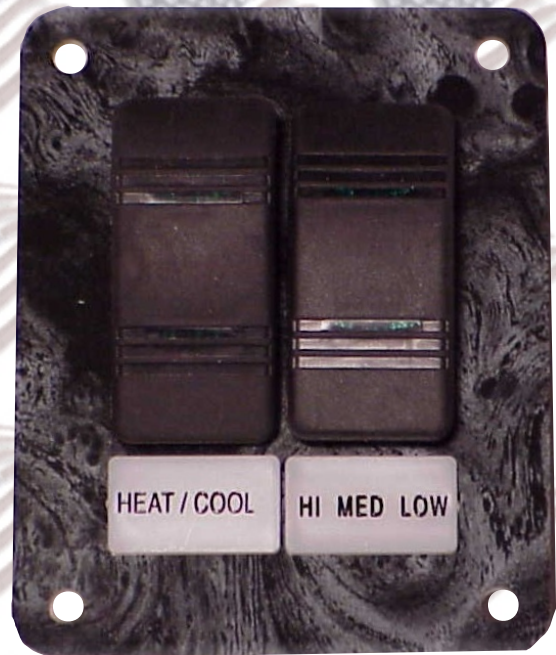
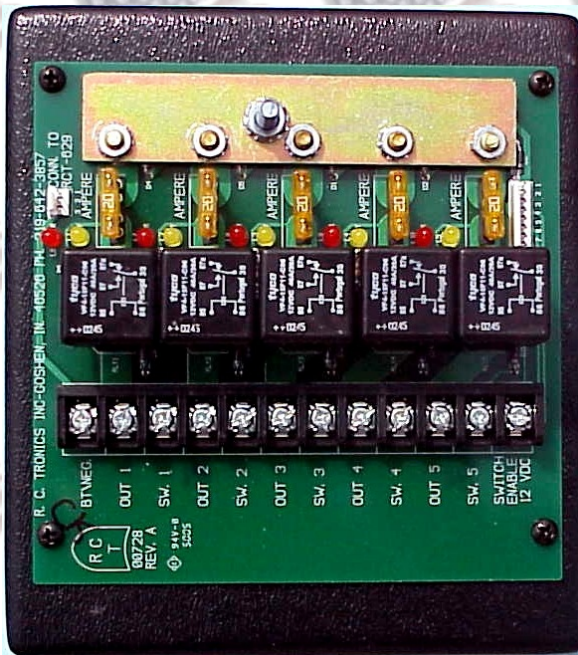
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HEATING & COOLING CONTROLLER



RCT-728 / RCT-713 Power Center

Dimension 7 1/2" high x 6 3/4" wide x 3" deep weight 20 oz.

This system can carry a maximum of 200 ampere at 12 VDC. Unit houses five 40-ampere relays. Each relay is fuse protected, which can be protected with ATO or circuit breakers. Open fuse is indicated with a red LED located beside each fuse. Relay "energized" is indicated with an amber LED. Each relay can be operated with a contact closure to battery negative, (rated 12 VDC at .14 ampere) at terminal strip marked SW 1 thru SW 5. Relay output to loads is also located at terminal strip. (Rated 12 VDC at 40 ampere) The two additional openings at terminal strip are, "Battery Negative" (rated 12 VDC at 1 ampere) and "Switch Enable". (Rated 12 VDC at .1 ampere) Cutting zero ohm resistors above each switch will cause relay not to energize until the signal is present at "Switch Enable". Eight-conductor data cable is required to connect Power Center to Switch Panel.

BT/NEG.	= Battery Negative	12 VDC at 1 ampere
OUT 1	= Relay # 1 output	12 VDC at 40 ampere
SW. 1	= Operates relay # 1	12 VDC at .14 ampere
OUT 2	= Relay # 2 output	12 VDC at 40 ampere
SW. 2	= Operates relay # 2	12 VDC at .14 ampere
OUT 3	= Relay # 3 output	12 VDC at 40 ampere
SW. 3	= Operates relay # 3	12 VDC at .14 ampere
OUT 4	= Relay # 4 output	12 VDC at 40 ampere
SW. 4	= Operates relay # 4	12 VDC at .14 ampere
OUT 5	= Relay # 5 output	12 VDC at 40 ampere

EIGHT PIN HEADER

Pin #1	= Black Wire, Battery Positive +12 VDC
Pin #2	= Red Wire, Switch Enable +12 VDC
Pin #3	= Green Wire, Battery Negative
Pin #4	= Brown Wire, Switch # 1
Pin #5	= Blue Wire, Switch # 2
Pin #6	= Orange Wire, Switch # 3
Pin #7	= Yellow Wire, Switch # 4
Pin #8	= White Wire, Switch # 5

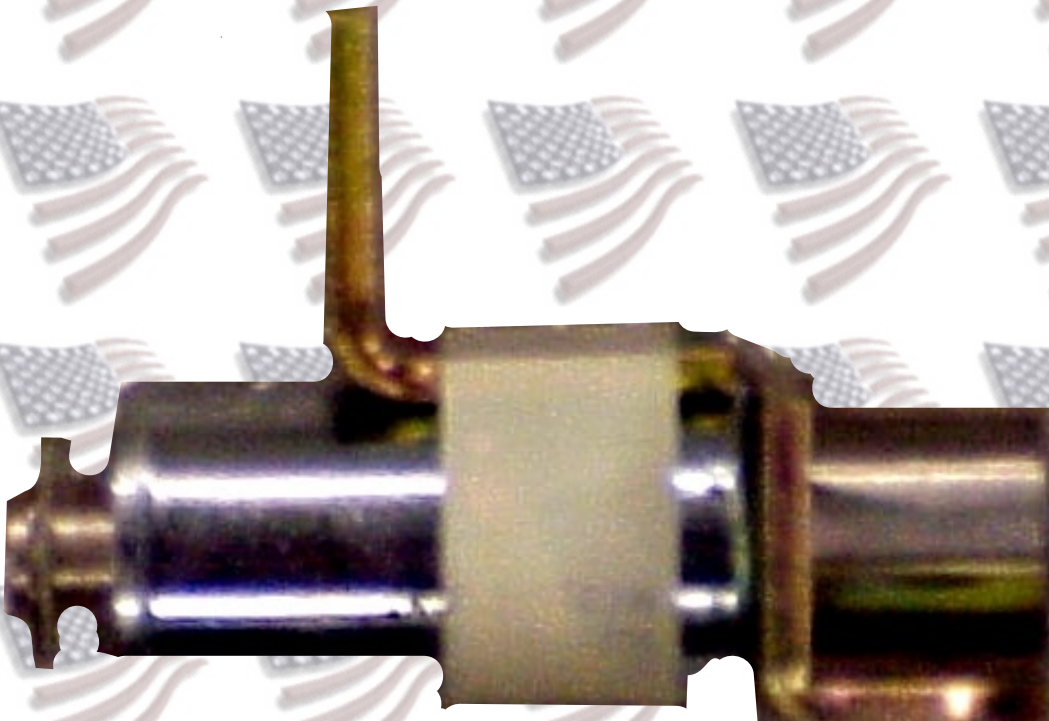
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RCT-724 Emergency Park Brake Lock



Locks Emergency Brake

Ford E-Series

All Stainless Steel.

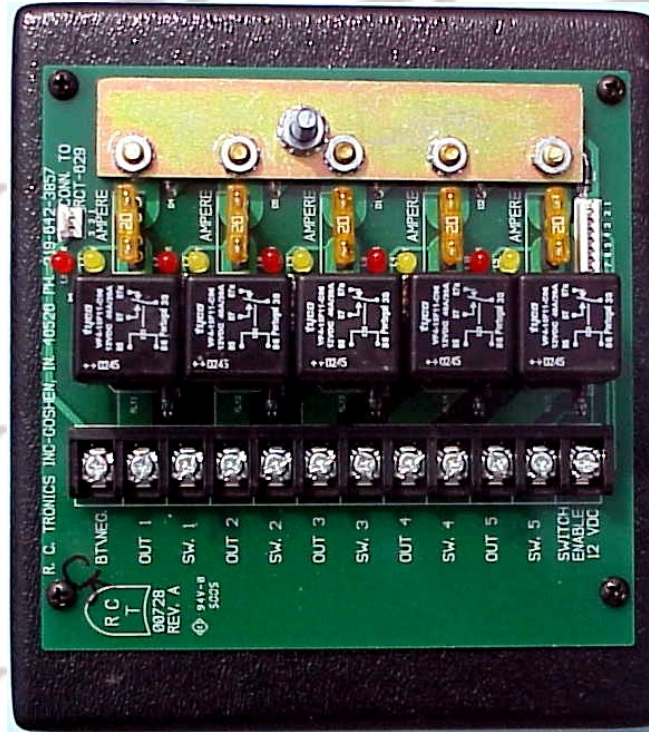
Coil 12 VDC @ 1 Ampere.

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RCT 728 Power Center

Dimension 7 1/2 " high x 6 3/4" wide x 3" deep weight 20 oz.

This system can carry a maxim of 200 ampere at 12 VDC. Unit houses five 40-ampere relays. Each relay is fuse protected, which can be protected with ATO or circuit breakers. Open fuse is indicated with a red LED located beside each fuse. Relay "energized" is indicated with an amber LED. Each relay can be operated with a contact closure to battery negative, (rated 12 VDC at .14 ampere) at terminal strip marked SW 1 thru SW 5. Relay output to loads is also located at terminal strip. (Rated 12 VDC at 40 ampere) The two additional openings at terminal strip are, "Battery Negative" (rated 12 VDC at 1 ampere) and "Switch Enable". (Rated 12 VDC at .1 ampere) Cutting zero ohm resistors above each switch will cause relay not to energize until the signal is present at "Switch Enable". Eight-conductor data cable is required to connect Power Center to Switch Panel.

BT/NEG.	= Battery Negative	12 VDC at 1 ampere
OUT 1	= Relay # 1 output	12 VDC at 40 ampere
SW. 1	= Operates relay # 1	12 VDC at .14 ampere
OUT 2	= Relay # 2 output	12 VDC at 40 ampere
SW. 2	= Operates relay # 2	12 VDC at .14 ampere
OUT 3	= Relay # 3 output	12 VDC at 40 ampere
SW. 3	= Operates relay # 3	12 VDC at .14 ampere
OUT 4	= Relay # 4 output	12 VDC at 40 ampere
SW. 4	= Operates relay # 4	12 VDC at .14 ampere
OUT 5	= Relay # 5 output	12 VDC at 40 ampere
SW. 5	= Operates relay # 5	12 VDC at .14 ampere

EIGHT PIN HEADER

Pin #1	= Black Wire, Battery Positive +12 VDC
Pin #2	= Red Wire, Switch Enable +12 VDC
Pin #3	= Green Wire, Battery Negative
Pin #4	= Brown Wire, Switch # 1
Pin #5	= Blue Wire, Switch # 2
Pin #6	= Orange Wire, Switch # 3
Pin #7	= Yellow Wire, Switch # 4
Pin #8	= White Wire, Switch # 5

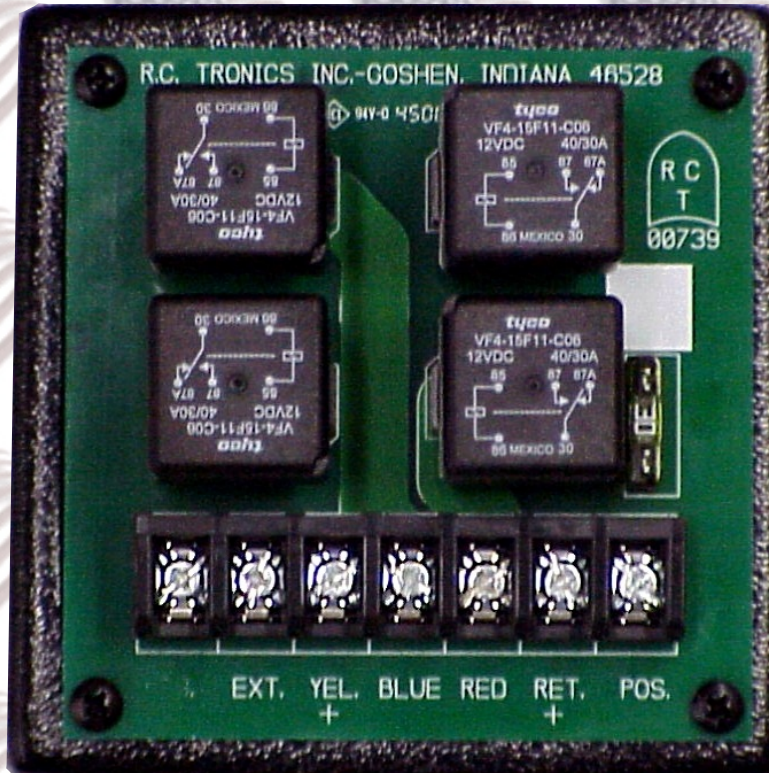
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RCT-739 Three Wire Motor Reversing



**Operates Warner Electric Motor with Internal Limits.
DF12-10-W51-04LN001-2401**

Motor Outputs 12 VDC @ 30 Ampere.

12 VDC Command Inputs @ .24 Ampere.

Size 4.5" Square X 2.5" Deep.

Weight 10 oz.

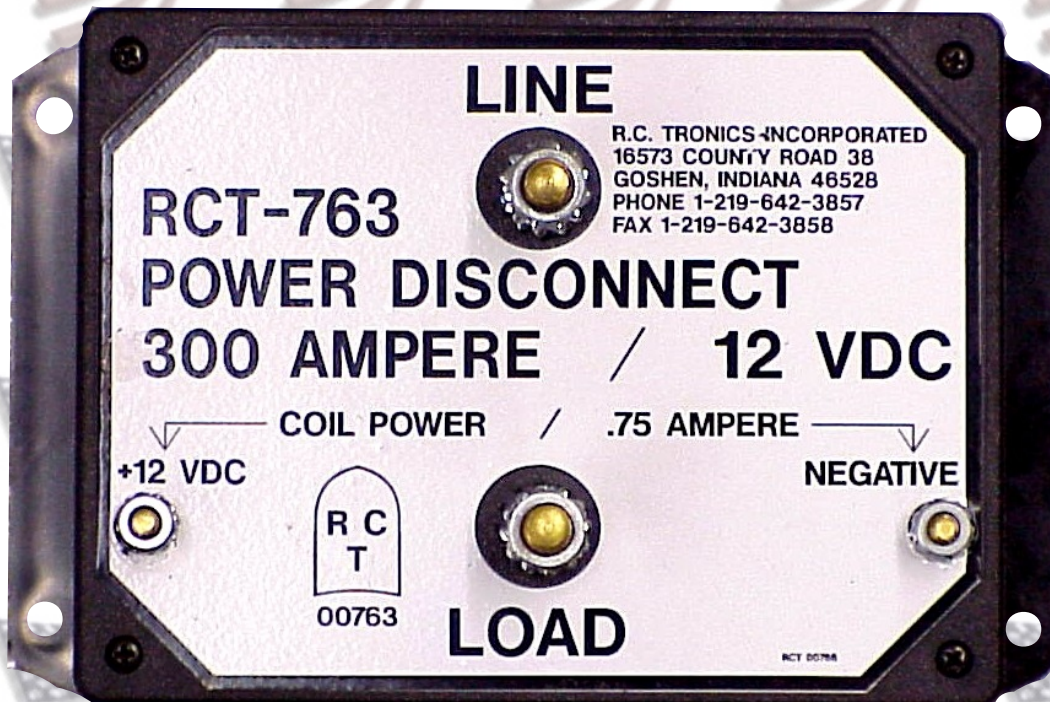
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RCT-763 Power Disconnect



300 Ampere Power Disconnect

12 VDC Coil at .75 Ampere

Suppression Diode

Size 7.3" x 4.7" x 3.3 Deep

Weight 1.65 Lbs.

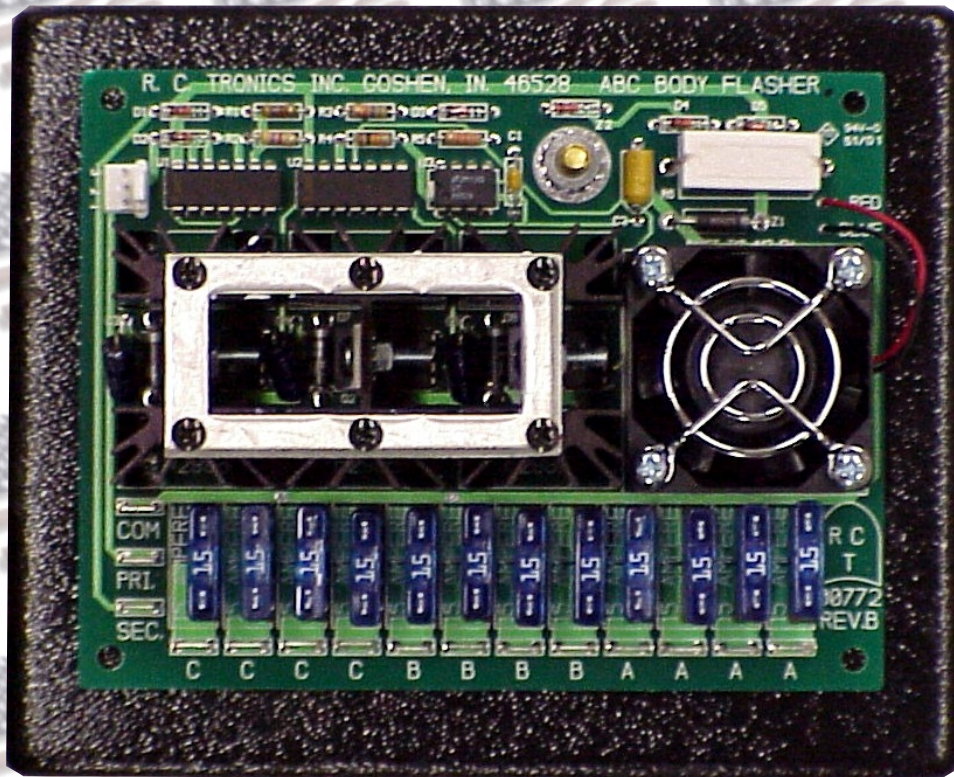
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RCT-772 Solid State Body Flasher



Primary operation; A and C with B 180 degree out of phase. (5 ma. sink)

Secondary operation; A with B 180 degree out of phase. (5 ma. sink)

Each Output (A/B/C) Rated 60 Ampere, Four 15 Ampere Circuits, Each.

Physical Size: 2.5 inch deep x 5.1 inch high x 6.3 inch long.

Weight: 13 oz.

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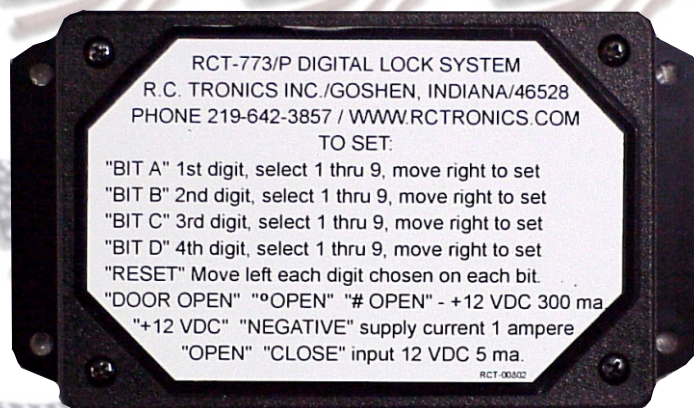
<http://www.rctronics.com>

ELECTRONIC DOOR CONTROLLER

Select (4) digit unlock code. System will provide output to operate Interior light.

Open door by pushing "OPEN".

Close door by pushing "CLOSE".



Key Pad and Control Module connected via data cable.

Code set via dip switches, located inside control module

RCT-773/P + 12 VDC @ .25 Ampere

RCT-773/N - VDC @ .25 Ampere

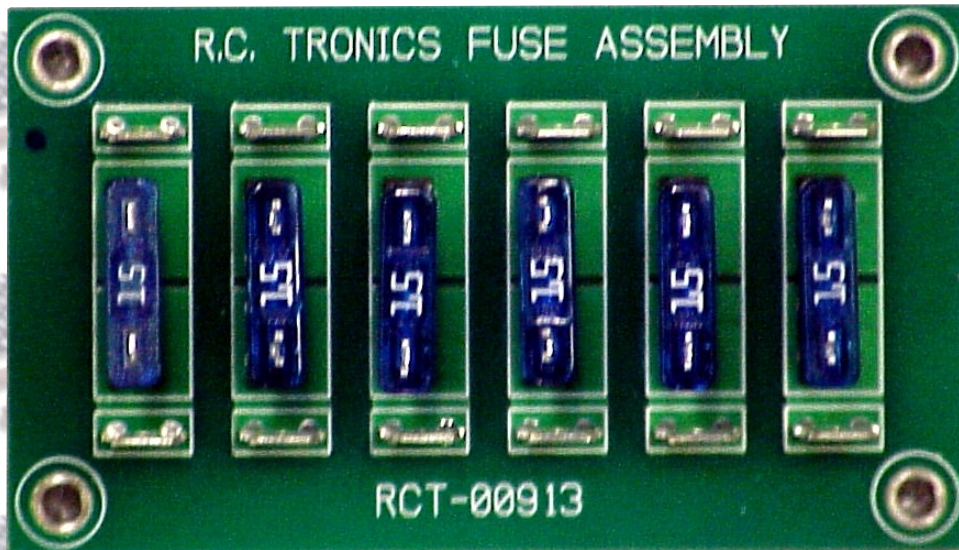
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RCT-913 Five Isolated Fuse Assembly



**.140 Inch Mounting On Each
Corner.**

Size 3.5" x 2" x 1.3" Deep

Weight 3 oz.

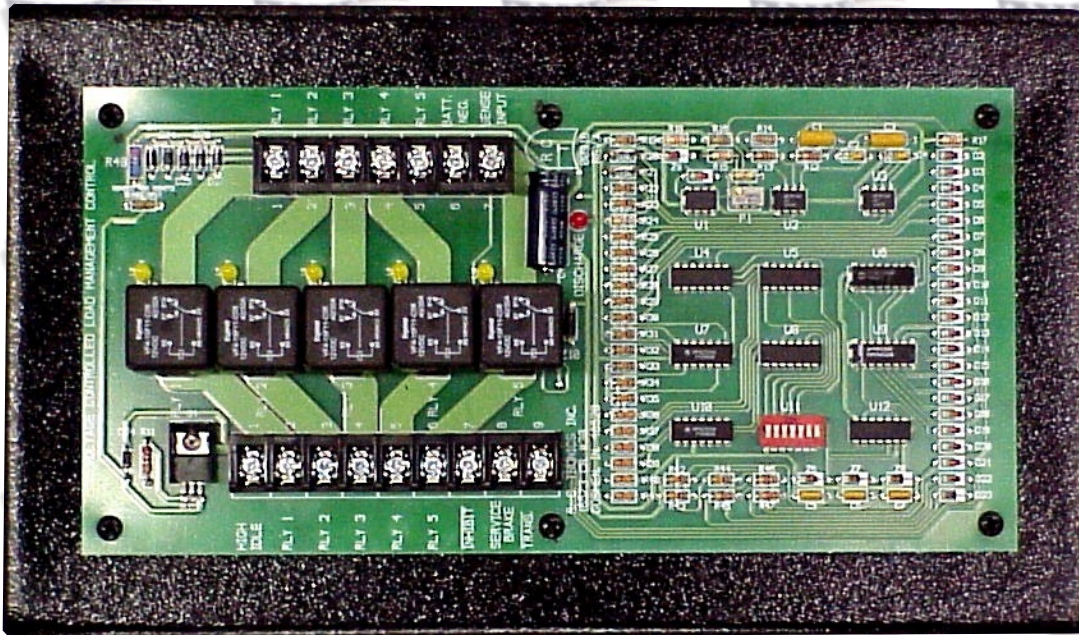
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RCT-00918 Load Management Control



This controller will monitor system voltage. Once it displays a low voltage, indicated by red led, unit will output +12 vdc @ 4 ampere maximum, on 30 second interval, which can be connected to idle up engine controls thereby increasing alternator output. If continued low voltage is detected unit will remove up to five loads rated 12 vdc @ 30 ampere each. As voltage begins to increase indicating system battery is charging. The unit will begin to reapply the loads it has removed, but do on a three-minute time cycle.

The controller has amber indicators showing the status of the relays.

Controller has seven position dip-switch; switch 1 thru 5 will inhibit relays 1 thru 5. (operating any one of the first five switches will cause that load not to be removed) Switch 6, "Automatic Reloading", (operating this switch will cause the system not to reload) Switch 7, Inhibits System operation. Unit is shipped with each relay enabled, auto reload enabled and system enabled.

Unit power is supplied from relay 1 through 5 inputs. The first load to be removed will be relay 1, then relay 2 ECT. For the control to begin shedding loads it must be connected to a sensor, indicating that the transmission is in "PARK", which is taken to battery negative.

Applying 12 VDC signal to, "Service Brake Input" will cause system to reapply all loads and then begin to remove loads again.

In addition there is a terminal "INHIBIT" a switch closure to battery negative will reapply all loads and not permit load shedding.

Dimensions 2 ½ x 8 x 13 ½ Weight 27 oz.

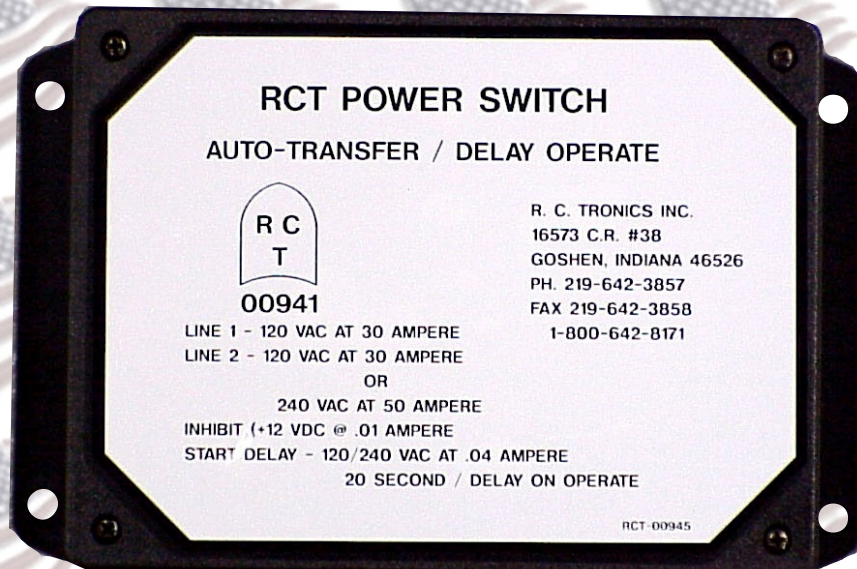
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RCT-00941 Power Switch



Generator or Shoreline Power Transfer Switch.

Twenty Second Delay on Operate to Load.

120 / 240 VAC at 30 Ampere. (Maximum Load)

Sensed Voltage 120 / 240 VAC.

Inhibit Input 12 VDC. (Used for Auto Eject)

7.3" Wide x 4.7" High x 2.4" Deep

Weight 22 OZ.

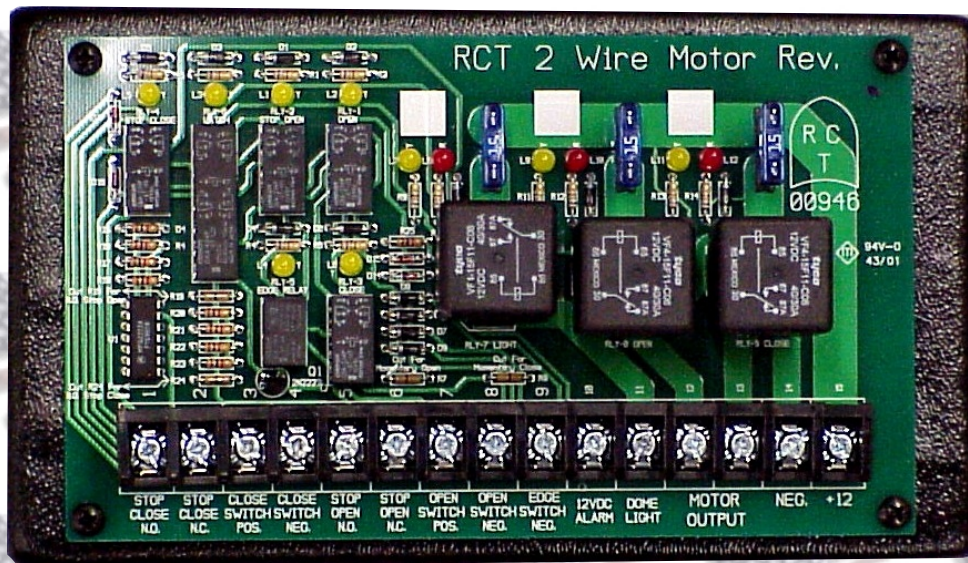
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RCT-946 Two Wire Motor Reversing



Control can be used with both momentary or maintained, "Command Open or Closed" switches. These inputs can be positive or negative.

Control will accept both N.O. Or N.C. "DOOR IS OPEN", "CLOSED IS CLOSED" Limit switch inputs.

Control has "SENSITIVE EDGE INPUT", When input is sensed it will stop doors during the opening or open door when closing.

Control has, "12 VDC Alarm" which activates when the sensitive edge input is sensed.

Control has "Dome Light" which outputs + 12 VDC @ 15 Ampere.

All Signal inputs are monitored with LED's for ease of troubleshooting.

Easily interfaced with "Keyless Entry Systems".

Fuses monitored with red LED's.

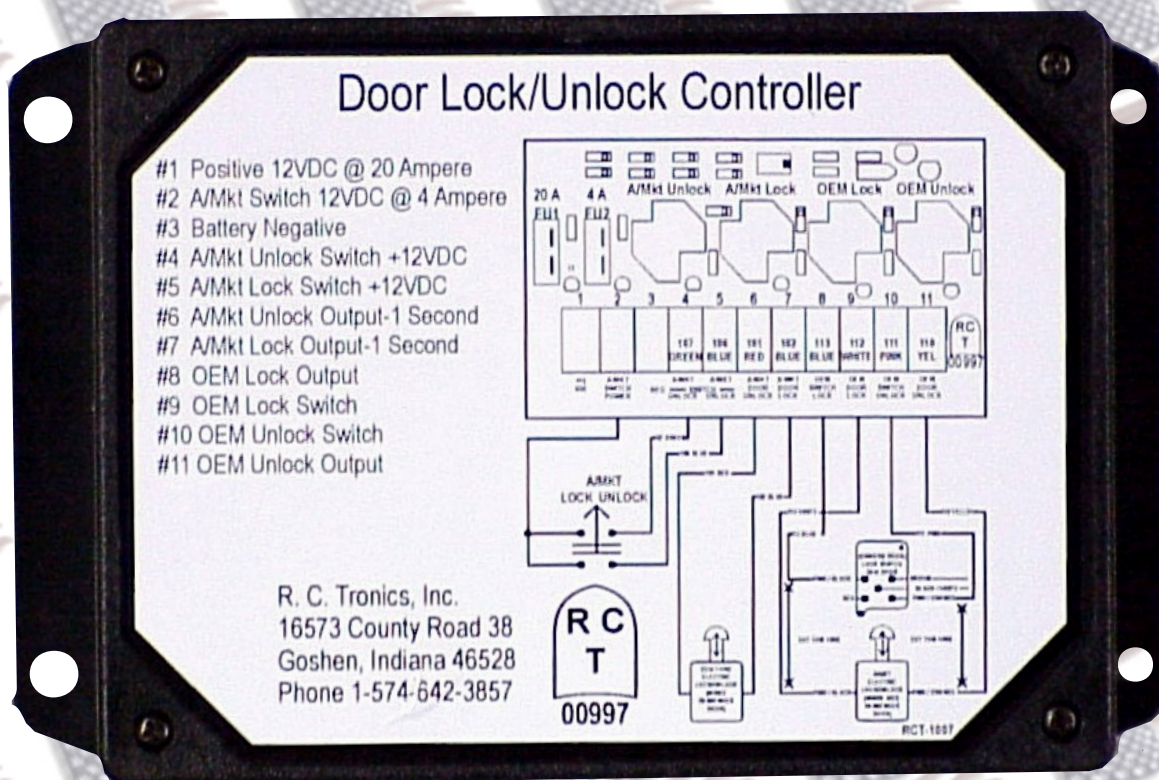
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RCT-00997 Door Lock-Unlock Controller



Lock & Unlock OEM and After Market Ford Doors.

Works with Both Ford E & F Series.

All Fuses and Relays Monitored with Leds.

Size 7.2" x 4.7" x 2.4" Deep

Weight 1 lb.

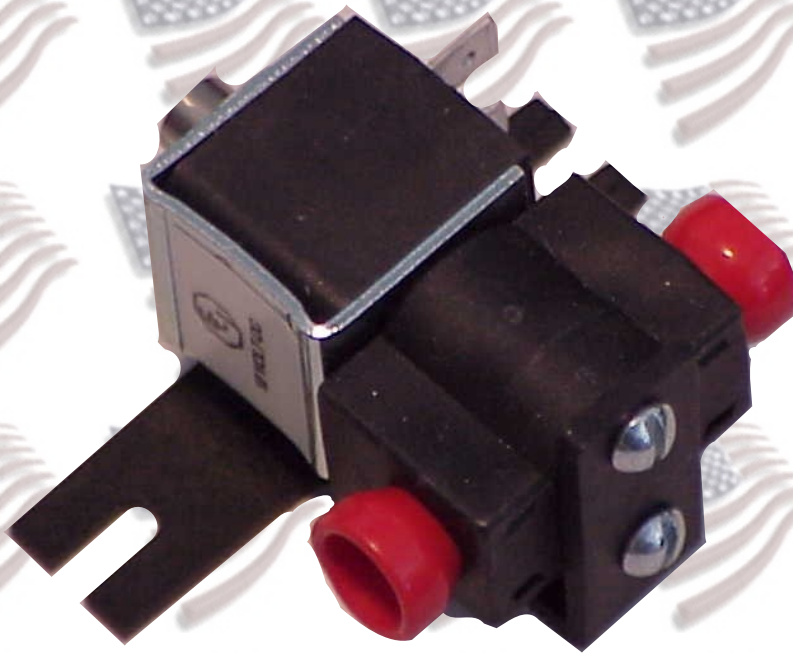
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ELC 12 VDC THREE-WAY N.C.



This is a twelve volt d.c., 24 watt, 3-way N.C. solenoid valve. Coil Class A (105 deg. C). Operating temperature 120 degree F. Valve body is Polypropylene, seals NBR with a body orifice of .062. Electrical Connection via two .250 male tabs. Unit requires mounting area of two and three fourths inches with a depth of two inches.

Maximum operating pressure, air is sixty PSI. (60)

Order Part Number 621-253B

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Vacuum Motor With Limit



AVAILABLE BRACKETS FOR VACUUM MOTOR

RCT-511 Vacuum Motor Bracket - Chevrolet GP Chassis 454 CID (year 1994, 1995, 1996)

RCT-508 Vacuum Motor Bracket - Ford Chassis E350 (year 1988 thru 1996)

RCT-568 Vacuum Motor Bracket - Ford Chassis E350 (year 1996 and 2001)

Weight 5 oz.

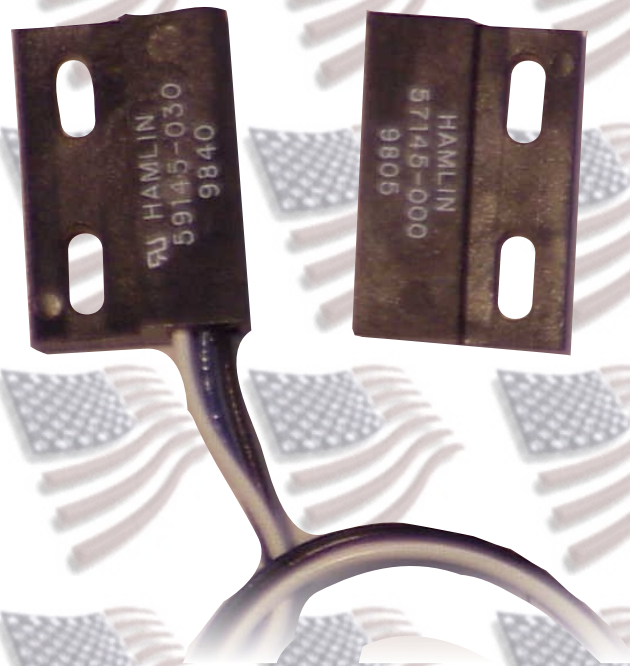
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Hamlin Switch and Magnet



SWITCH 59145-030

MAGNET 57145-000

WHITE - COMMON

BLACK - NORMALLY OPEN

BLUE - NORMALLY CLOSED

Size .7 Wide x 1.1 Long x .25 Thick

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ENM Hour Meter



Order T41E45

10 to 80 VDC

.6 Watt

Size 2" x 1.2" x 3" Deep.

Weight 3 oz.

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RCT Keyless Entry System



**Remotely Operate Any One Of
Our Electric Door or Door
Locking Controls.**

Order # 90-912

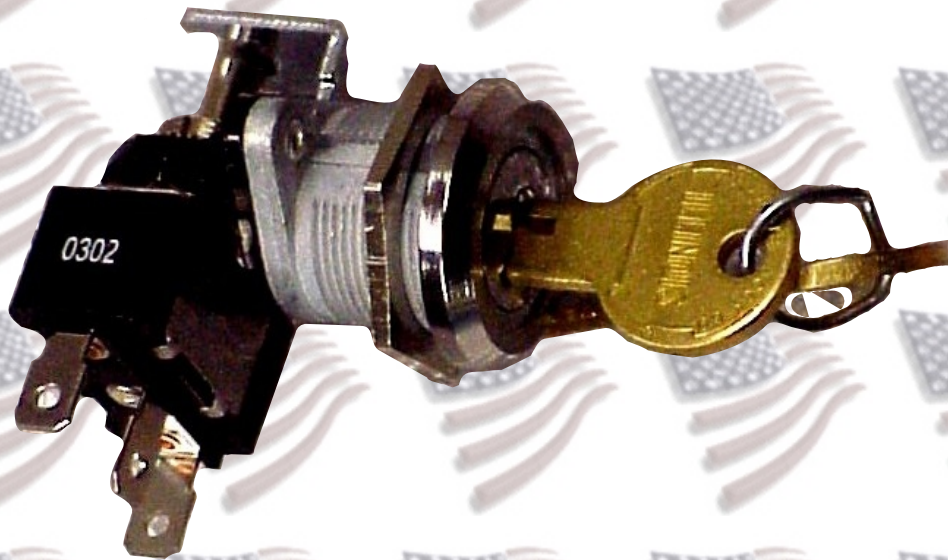
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Eaton Key Switch



Electric Door Operator Switch

Stainless Steel

Uses Standard Toggle Switch.

Momentary Switch, Order SS206CP.

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RCT-1363 High Idle & Park Module



Interfaces with Ford F-250/350/450/550 and E-250/350/450. Unit will provide three step RPM increases at the following battery voltage levels, Level #1-13 VDC=1000 RPM, Level #2-12VDC=1200 RPM, Level #3-11.3 VDC=1500 RPM. Other ranges available upon request.

SEQUENCE OF OPERATION

Supply +12 VDC to J1-3 "PTO MODE" with internal dip switch in the "ON" position and PCM enablers satisfied module will monitor battery voltage and adjust engine RPM. With internal dip switch in the "OFF" position and additional +12 VDC input to J1-1 "PTO ENGAGE" must be provided.

J1-1 PTO Engage, +12 VDC Input. (Optional input. To be used with internal "Dip Switch Off".)
J1-2 Battery Negative Input. (Must be taken to "Battery Negative" Terminal.)
J1-3 PTO Mode, +12 VDC Input. (May be switched to request Idle Increase.)
J1-4 Ignition, +12 VDC Input. (Must be at +12 VDC to operate, Transmission In "PARK" output.)

Note: J2-1 thru J2-5 is to be interfaced to the, "CHASSIS ONLY"

J2-1 PTO Mode, Chassis Input. (Connect to, PCM Pin C2-26, Circuit 2242, Wire color "Orange".)
J2-2 PTO RPM, Chassis Input. (Connect to, PCM Pin C2-07, Circuit 2246, Wire color "Orange/Yellow".)
J2-3 PTO Indicator, Chassis Input. (Connect to, PCM Pin C2-42, Circuit 2244, Wire color "Orange/Lt Blue".)
J2-4 PTO Engage, Chassis Input. (Connect to PCM Pin C2-09, Circuit 2243, Wire color "Orange/White".)
J2-5 Park-Only, Chassis Input. (Connect to PCM Pin C2-46, Circuit 1146, Wire color "Lt. Green/Red".)

J3-1 "PARK" Output
J3-2 "PARK" Output
Circuit Provides Contact Closure, (NO) with "TRANSMISSION IN PARK". May be used to provide, "ENGINE START ONLY IN PARK".

Size: Left to Right 4.3 inches x Top to Bottom 2.45 inches x 1.15 inches Deep. Weight 8 oz..

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RCT-01414 Plug-In-Play Bus Power Center Center Same Features as our RCT-00786 Terminal Strip Bus Power Center

CN-15, CN14, CN13, CN12 with 6 each, or a total 24 pins to "Battery Negative"

CN11-49 Battery Negative
CN11-50 Command "Door Close"
CN11-51 Command "Door Open"

CN01-01 Limit Switch "Entry Door Is Closed"
CN01-02 Limit Switch "Entry Door Is Open"
CN01-03 Motor Output "Door Close"
CN01-04 Motor Output "Door Open"
CN01-05 12 VDC Output "Dome Light"
CN01-06 12 VDC Output "External Lift Light"

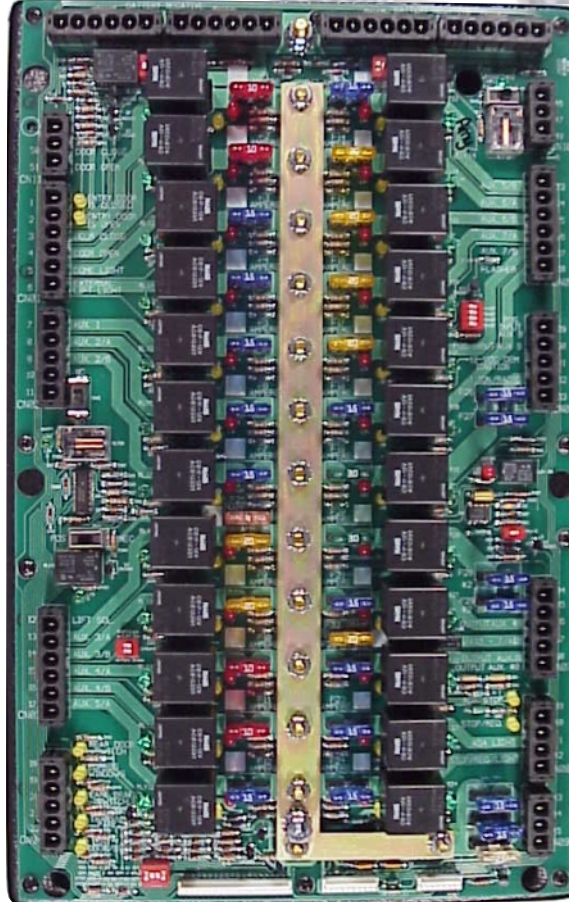
CN02-07 12 VDC Output "Aux. 1"
CN02-08 12 VDC Output "Aux. 2/A"
CN02-09 12 VDC Output "Aux. 2/B"
CN02-10 Dry Contact "Shift Lock"
CN02-11 Dry Contact "Shift Lock"

*Normally Open and Normally Close
Contacts available, select with Sw2.
Green LED shows "Shift Lock Enabled"*

*Sw1 selects a battery negative or
battery positive at CN03-12. Green
LED shows "ADA Lift Enabled"*

CN03-12 Output "ADA Lift Enable"
CN03-13 12 VDC Output "Aux. 3/A"
CN03-14 12 VDC Output "Aux. 3/B"
CN03-15 12 VDC Output "Aux. 4/A"
CN03-16 12 VDC Output "Aux. 4/B"
CN03-17 12 VDC Output "Aux. 5/A"

CN04-18 Limit Switch "Rear Door Switch"
CN04-19 Limit Switch "Egress Windows"
CN04-20 Limit Switch "Park Brake Switch"
CN04-21 Limit Switch "Transmission In Park"
CN04-22 Limit Switch "Lift Door Switch"



J1 & J2 to Switch Center. J3 to ADA Display

*Normally Open and Normally Close
Contacts available, select with Sw3.
Green LED shows "Rear Door Unlocked"*

CN10-46 Limit Switch "Rear Door Unlocked" (sink)
CN10-47 Dry Contact "Engine Start"
CN10-48 Dry Contact "Engine Start"

CN05-23 12 VDC Output "Aux. 5/B"
CN05-24 12 VDC Output "Aux. 6/A"
CN05-25 12 VDC Output "Aux. 6/B"
CN05-26 12 VDC Output "Aux. 7/A"
CN05-27 12 VDC Output "Aux. 7/B"
CN05-28 12 VDC Output "Flasher"

CN06-29 Input 12 VDC @ .14 ampere "Aux. 8"
CN06-30 Input 12 VDC @ .14 ampere "Aux. 9"
CN06-31 Input 12 VDC @ .35 ampere "Ignition"
CN06-32 12 VDC Output "Ignition"
CN06-33 12 VDC Output "Ignition"

CN07-34 12 VDC Output "Ignition"
CN07-35 12 VDC Output "Ignition"
CN07-36 12 VDC Output "Aux. 8"
CN07-37 12 VDC Output "6/A, 6/B, 7/A, 7/B"
CN07-38 12 VDC Output "Aux. 9"

CN08-39 Push Button Input "ADA Stop Request" (sink)
CN08-40 Push Button Input "Stop Request" (sink)
CN08-41 12 VDC Output "ADA Light"
CN08-42 12 VDC Output "Stop Request Light"

CN09-43 12 VDC Output "Battery"
CN09-44 12 VDC Output "Battery"
CN09-45 12 VDC Output "Battery"

All Inputs and Outputs are Monitored with LEDs, makes Trouble-shooting a visual event.

Twenty-Four, Fuse Protected Power Relays Provide +12 VDC @ 20 Ampere For All Loads.

Electric Door Operator with Inputs to Limit Door Travel.

Latching Inputs for ADA and Passenger Stop Request.

ADA, Vehicle Secure System, Provides Output for Chair Lift, Locks Vehicle Shift Lever, Interfaces with Ford & Chevy Chassis.

ADA Information Panel, Displays all Inputs and Outputs.

Rear Door Unlock, Prevents Engine Start-Up if not Unlocked.

Information Indicators, Lift Door, ADA Stop, Passenger Stop, Egress Window, Rear Door and Electric Door Open.

Size 16.5" x 10.5" x 2.5" Deep / Weight 10 lbs.

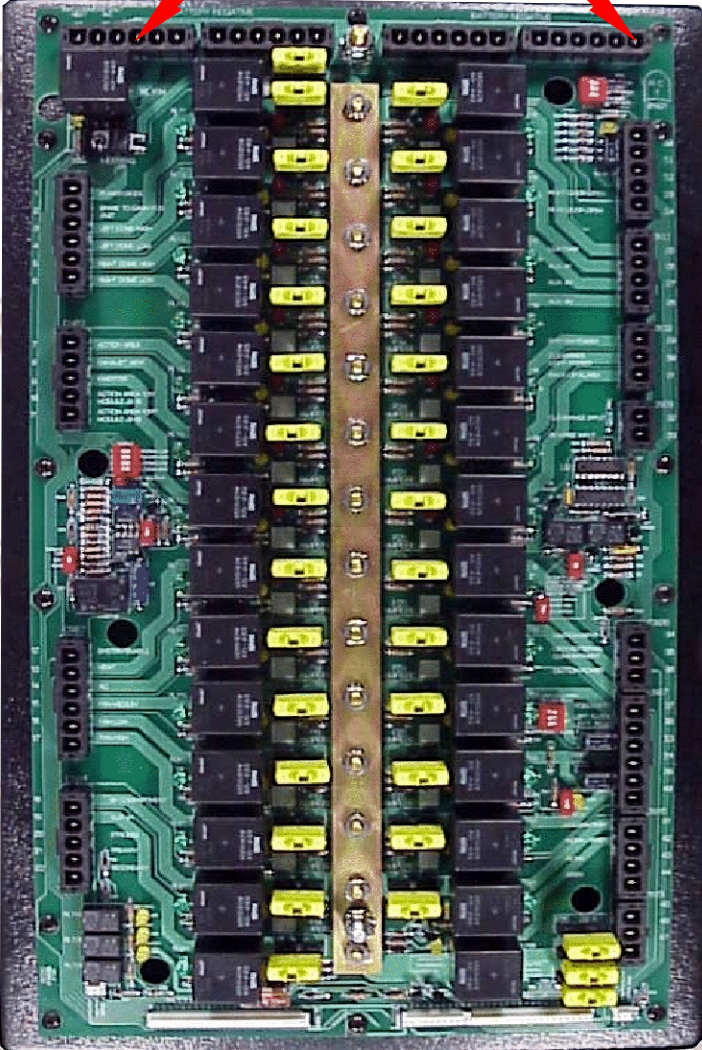
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RCT-01421 Plug-In-Play Bus Power Center Center Same Features as our RCT-00743 Terminal Strip Ambulance Power

Battery Negatives



CN16-49 A/C Common (Sink)
CN16-48 Heat Common (Sink)

CN01-01 Power Diode, Output.
CN01-02 Module Master. (Sink)
CN01-03 Left Dome High, Output.
CN01-04 Left Dome Low, Output.
CN01-05 Right Dome High, Output.
CN01-06 Right Dome Low, Output.

CN02-07 Action Area, Output.
CN02-08 Exhaust Vent, Output.
CN02-09 Inverter, Output.
CN02-10 Action Area "ON". (Sink)
CN02-11 Action Area "OFF". (Sink)

Dip Switch A, selects which "Dome Lights", operate when "Rear or Right Doors" open.

Dip Switch D, "CN" inhibits timing action or "Action Area Lights", off.

Dip Switch E, inhibits output of "Low Voltage".

CN03-12 System Enable, Input. (.15 Amp.)
CN03-13 Heat, Output.
CN03-14 A/C, Output.
CN03-15 Fan Medium, Output.
CN03-16 Fan Low, Output.
CN03-17 Fan High, Output.

CN04-18 02 Compartment, Output.
CN04-19 Aux. 4, Output.
CN04-20 Strobes, 12VDC, 1 Ampere, Output.
CN04-21 Primary, 12VDC, 1 Ampere, Output.
CN04-22 Secondary, 12VDC 1 Ampere, Output.

Strobes "CN" Led.
Primary "CN" Led.
Secondary "CN" Led.

J3-1 Ground
J3-2 Primary "CN" (sink)
J3-3 Secondary "CN" (sink)

CN12-50 Common Terminal, Relay 37.
CN12-51 Normally Closed, Relay 37.
CN12-52 Normally Open, Relay 37.
CN12-23 Right Door Open, Input. (Sink)
CN12-24 Rear Door Open, Input. (Sink)

CN11-25 Light Bar, Output.
CN11-26 Aux. 1, Output.
CN11-27 Aux. 2, Output.
CN11-28 Aux. 3, Output.

CN10-29 System Power, Output.
CN10-30 Clearance Light, Output.
CN10-31 Back-Up Alarm, Output.

CN09-32 Clearance Light, Input. (.15 Ampere)
CN09-33 Reverse, Input. (.15 Ampere)

Dip Switch F "CN", inhibits "Rear Flood Lights "CN", in Reverse.

Dip Switch "CN" to enable Sw14 on PCB-745.

CN08-34 Ignition, Input. (.15 Ampere)
CN08-35 External Compartment Door. (Sink)
CN08-36 Ignition Power, Output.

Dip Switch B, operates right / left floods with respective right / left "Compartment Doors".

CN07-37 Fog Lights, Output.
CN07-38 Left Front Flood, Output.
CN07-53 Left Rear Flood, Output.
CN07-54 Right Rear Flood, Output.
CN07-39 Right Front Flood, Output.
CN07-40 Rear Floods, Output.

Dip Switch E, operates left / right side floods with "Rear Floods".

CN06-41 Vacuum Pump, Output.
CN06-42 Horn/Siren, Common.
CN06-43 Horn, Normally Closed.
CN06-44 Siren, Normally Open.

CN05-45 +12 VDC, F29 Output.
CN05-46 +12 VDC, F30 Output.
CN05-47 +12 VDC, F31 Output.

J3,RCT-772 J2,Module Switch Panel J1,Dash Switch Panel J4,RCT-450

All Inputs and Outputs are Monitored with LEDs, makes Trouble-Shooting a visual event.

All Fuses Monitored for "Open" by a Red LED.

Twenty-Eight, Circuit Breaker Protected Power Relays Provide +12 VDC @ 20 Ampere For All Loads.

22 3/8 inches x 11 3/8 inches X 2.5 inches deep.

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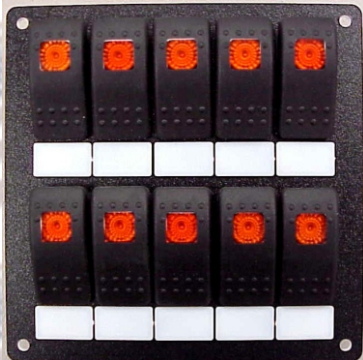
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Speciality Vehicle Power Center

RCT-01279-00000

Switch Center, Size 6x6 inch



RCT-01277-00000

Rotary Switch Center, Size 6x6 inch



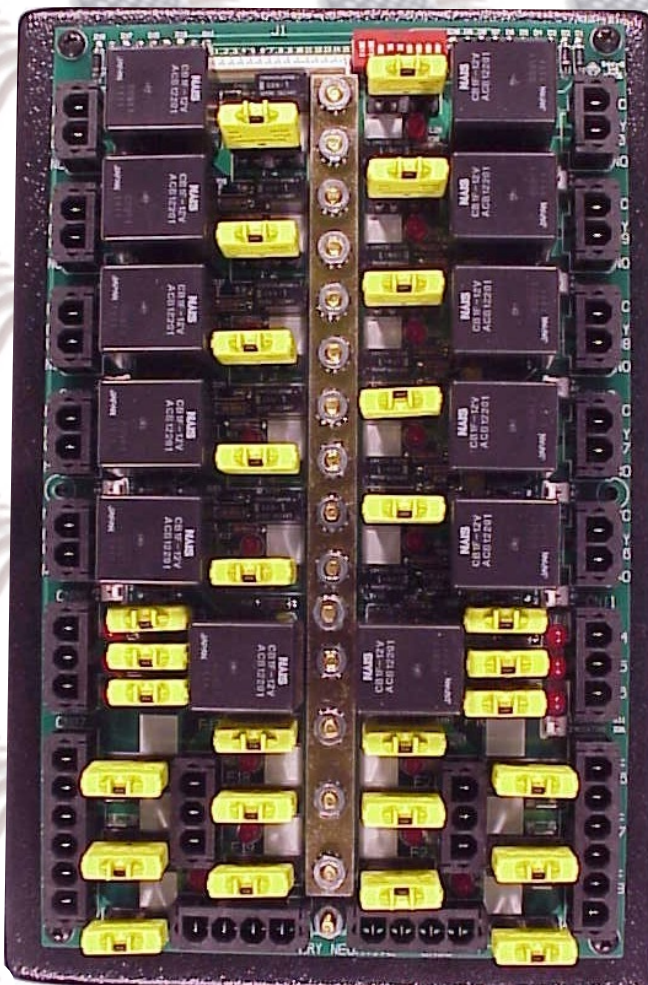
RCT-01276-00000

Slider Switch Center, Size 6x6 inch



RCT-01431-00000

Power Center, Size 7x10.25 inch



RCT-01295-00000

Switch Center, Size 2.85x7.25 inch



RCT-01297-00000

Rotary Switch Center, Size 2.85x7.25 inch



RCT-01296-000

Slider Switch Center, Size 2.85x7.25 inch



All "Switch Centers", have a progressive load capability which permits sequencing of loads, ie; "Rear Flash-Front Flash-Light Bar-Siren".

Plug-In-Play

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LOW COST POWER RELAY.

TROUBLE SHOOT WITHOUT TEST EQUIPMENT

DE-PLUGABLE CONNECTOR WITH DUAL CONNECTION POINTS.

FIELD REPLACEABLE FUSE, 20 AMPERE MAXIMUM.

MOUNTS ON STANDARD DIN RAILS 15, 32 and 35

PHYSICAL SIZE 2.6 X 1.8 X 2.1 DEEP, WEIGHT 2 OZ

RED LED MARKED "POS." ILLUMINATED INDICATES 12 VDC POSITIVE INPUT, FUSE OPEN.

RED LED MARKED "NEG" ILLUMINATED INDICATES NEGATIVE INPUT, FUSE OPEN.

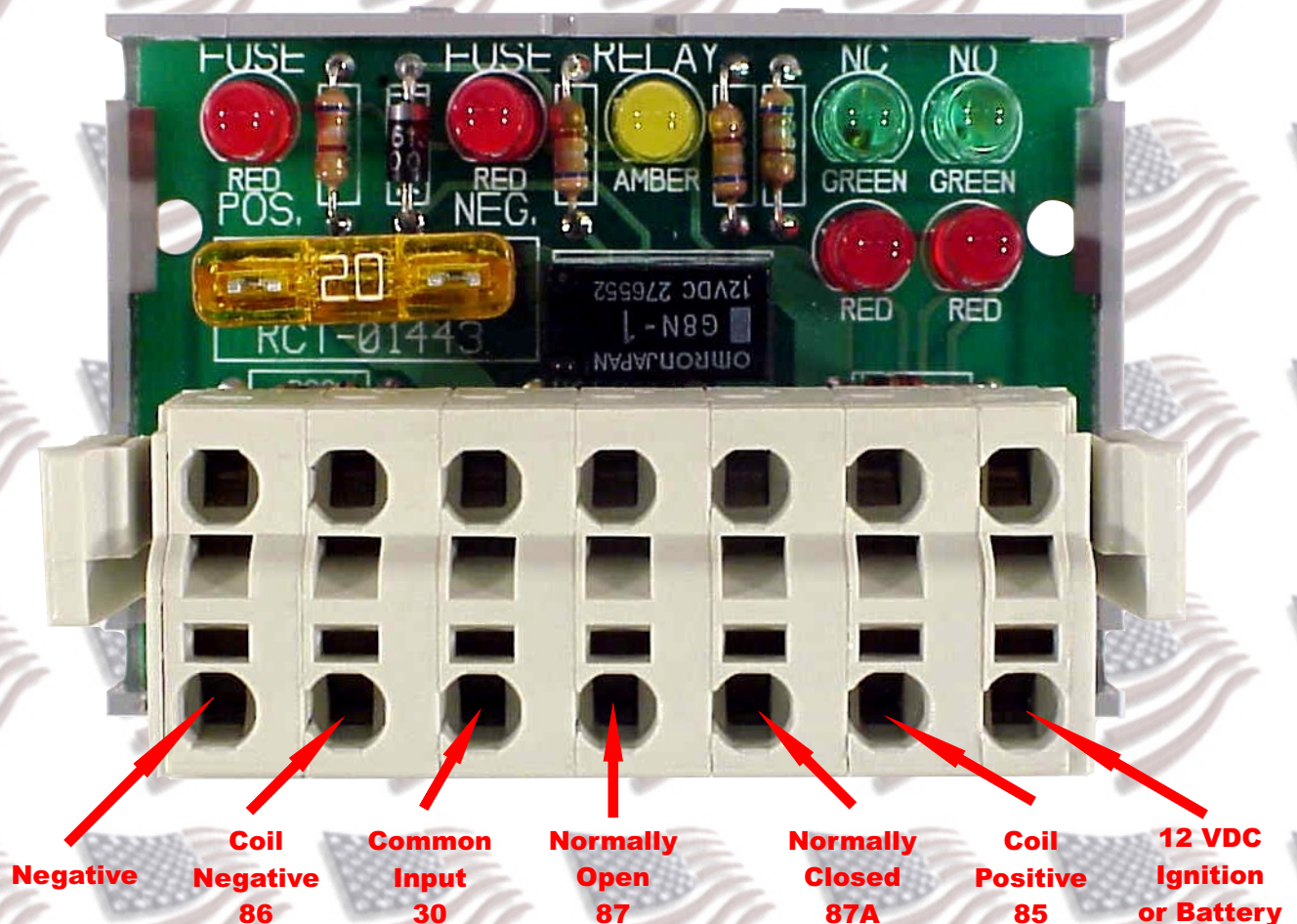
AMBER LED ILLUMINATED INDICATES POWER RELAY ENERGIZED.

GREEN LED MARKED "NC" INDICATES 12 VDC OUTPUT OF RELAY NORMALLY CLOSED CONTACT.

RED LED MARKED "NC" ILLUMINATED INDICATES NEGATIVE OUTPUT OF RELAY NORMALLY CLOSED CONTACT.

GREEN LED MARKED "NO" INDICATES 12 VDC OUTPUT OF RELAY NORMALLY OPEN CONTACT.

RED LED MARKED "NO" INDICATES NEGATIVE OUTPUT OF RELAY NORMALLY OPEN CONTACT.

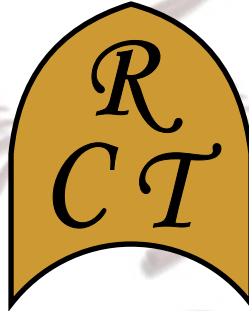


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