Switches Catalog





Air Conditioning & Heating Replacement Parts

SWITCHES

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Air Cylinders





Shaft Diameter: 5/8" (15.88mm)

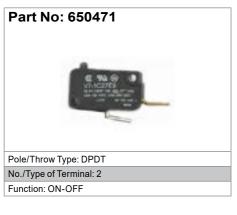
Fitting Type: 3/16" Push-In Nylon Tube

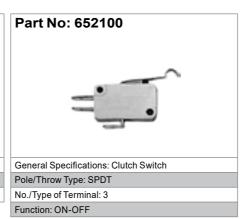
General Specifications: Dual Shaft



Part No: 591540

Clutch & Micro Switch





Electronic Freeze Switches



Push Button Switches



Rocker Switches

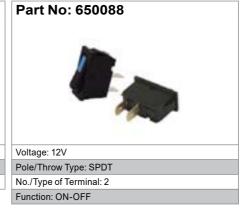
No./Type of Terminal: 5

Function: ON-OFF-ON





Part No: 570500







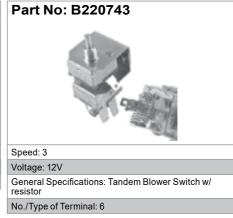
Rotary Switches

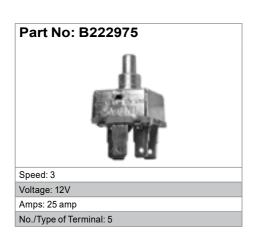


Rotary Switches (cont'd)









Toggle Switches







Toggle Switches (cont'd)



Pole/Throw Type: Toggle Function: OFF-ON-ON-ON

Function: ON-OFF-ON





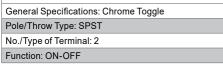




Part No: 651154











Trinary Pressure Switches

This switch assembly performs three distinct functions. The first function prevents the compressor from operating if system charge is lost or ambient temperature is too low. The second stops compressor if head pressure increases to unsafe levels. It automatically resets when pressure drops back to normal. The third function is a shutter/fan override switch that keeps head pressure within normal range by opening shutters or operating engine fan to increase air flow across condenser when head pressure rises above set valve.

Install trinary on liquid side of A/C system between condenser and expansion valve, for use with R-12 and R-134a systems.

Trinary Pressure Protection			
Low Pressure	22.5±7.5 Psi (Falling Pressure)	40 Psi (Rising Pressure)	
High Pressure	325±25 Psi	230±20 Psi Below (Opening Pressure)	
Shutter/Fan Override	35 - 60 Psi Below (Closing Pressure)	200 - 230 Psi (Rising Pressure)	





Binary Pressure Switches

This switch assembly performs two distinct functions. The first function prevents the compressor from operating if system charge is lost or ambient temperature is too low. The second stops compressor if head pressure increases to unsafe levels. It automatically resets when pressure drops back to normal.

Install binary on liquid side of A/C system between condenser and expansion valve, for use with R-12 and R-134a systems.

Binary Pressure Protection			
Low Pressure	30 - 15 Psi (Falling Pressure)	40 Psi (Rising Pressure)	
High Pressure	270 - 330 Psi (Rising Pressure)	80 - 120 Psi Below (Opening Pressure)	











Pressure Switches High Pressure Switches



Cut Out: Reset: 245





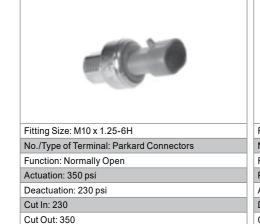




Part No: 1000250288

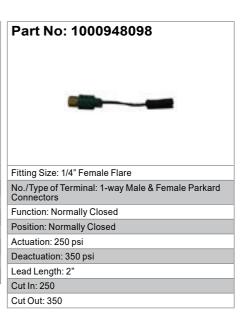
Part No: 651323





Part No: 1000198478

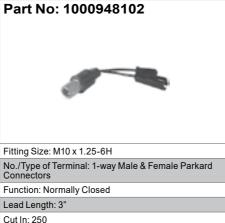




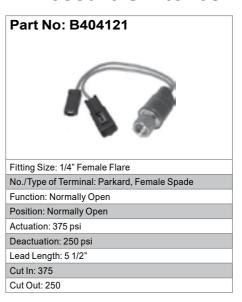


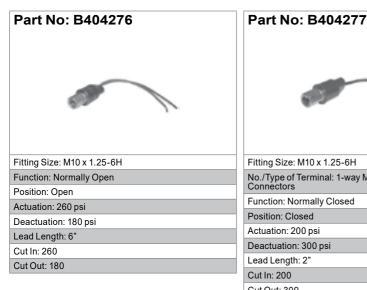
Cut In: 42

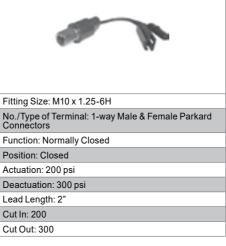
Cut Out: 10

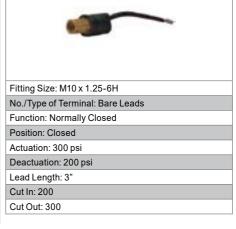


Cut Out: 350

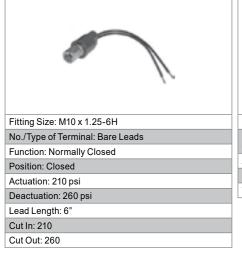




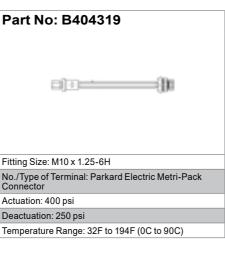




Part No: B404278



Part No: B404284



High Pressure Cutout Switches



Low Pressure Switches





Part No: 650713



Part No: 1000246481



Fitting Size: M10 x 1.25

No./Type of Terminal: Parkard Connectors

Function: Normally Open

Actuation: 23 psi Deactuation: 6 psi Lead Length: 1 9/16"

Temperature Range: -40°F - 257°F (-40°C -125°C)

Part No: 1000250287



Fitting Size: M12 x 1.5-6H

No./Type of Terminal: Parkard Connectors

Function: Normally Open

Actuation: 32 psi

Deactuation: 3 psi

Cut In: 22-32

Cut Out: 42438





Fitting Size: M12 x 1.5-6H

No./Type of Terminal: Parkard Connectors

Function: Normally Open

Actuation: 34 psi Deactuation: 18 psi

Cut In: 26-34 Cut Out: 10-18

Part No: 1000335581



Fitting Size: M10 x 1.25-6H

No./Type of Terminal: Parkard Connectors

Function: Normally Closed

Actuation: 320 psi

Deactuation: 250 psi

Cut In: 250-210

Cut Out: 320-280

Part No: 1001513275



Length: 2 3/64" (52mm)

Fitting Size: M12 x 1.5

Function: Normally Open

Position: Open

Actuation: 44 psi Deactuation: 21psi Part No: 1002044722



Fitting Size: M12 x 1.5 Female O-Ring Fitting

Function: Normally Closed

Lead Length: 4 23/64"

Cut In: Actuation: 30 Cut Out: Release: 5

Part No: B404093



Fitting Size: 1/4" (7/16"-20) Female SAE Flare

No./Type of Terminal: 1/4" Male & Female Blades

Position: Open Actuation: 34 psi

Deactuation: 25 psi Lead Length: 3"

Part No: B404097



Fitting Size: 3/8"-24 UNF. 2A Thread

No./Type of Terminal: Male 1/4" Spade

Function: Normally Open

Position: Normally Open

Deactuation: 27 psi (R-134a)

Cut In: 3

Cut Out: 28.6

Part No: B404123



Fitting Size: 1/4" Female Flare

No./Type of Terminal: Packard Connectors

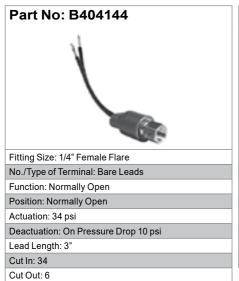
Position: Normally Closed

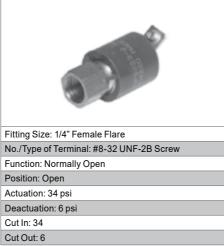
Actuation: 30 psi

Deactuation: 7 psi max.

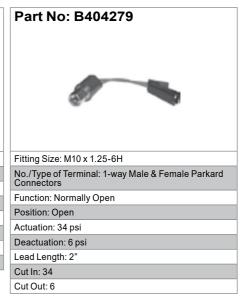
Lead Length: 5 1/2"







Part No: B404220



Low Pressure Cutout Switches





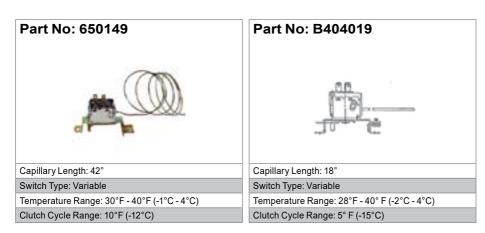
Miscellaneous Pressure Switches

Part No: 651021 Function: Normally Open Position: Normally Open Actuation: 65 psi Deactuation: 75 psi Cut In: 65 Cut Out: 75

Thermostatic Switches Cycling Pressure Switches

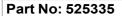


Cable-Controlled Thermostats



Thermostatic Switches

Preset Thermostats





Capillary Length: 31 31/64"

Switch Type: Fixed

Temperature Range: 31°F - 39.5°F (-1°C - 4°C)

Clutch Cycle Range: 8.5°F (-13°C)

Part No: 589490



Capillary Length: 21"

Switch Type: Fixed

Temperature Range: 31°F - 39.5°F (-1°C - 4°C)

Clutch Cycle Range: 8.5°F (-13°C)

Part No: 650163



Capillary Length: 12 1/2"

Switch Type: Fixed

Temperature Range: 31.1°F - 39.6°F (-1°C - 4°C)

Clutch Cycle Range: 8°F (-13°C)

Part No: 650195



Capillary Length: 24"

Switch Type: Fixed

Temperature Range: 34°F - 44°F (1°C - 7°C)

Clutch Cycle Range: 10°F (-12°C)

Part No: 650476



Capillary Length: 24 1/2"

Switch Type: Fixed

Temperature Range: 31°F - 39°F (-1°C - 4°C)

Clutch Cycle Range: 8°F (-13°C)

Part No: 650511



Capillary Length: 16 1/2"

Switch Type: Fixed

Temperature Range: 28°F - 35°F (-2°C - 2°C)

Clutch Cycle Range: 7°F (-14°C)

Part No: 650649



Capillary Length: 48"

Switch Type: Variable

Temperature Range: 34°F - 52°F (1°C - 11°C)

Clutch Cycle Range: 5° F (-15°C)

Part No: 650878



Capillary Length: 24"

Switch Type: Fixed

Temperature Range: 31°F - 39°F (-1°C - 4°C)

Clutch Cycle Range: 8°F (-13°C)

Part No: 651264



Capillary Length: 12 1/2"

Temperature Range: 31.1°F - 39.6°F (-1°C - 4°C)

Clutch Cycle Range: 8.5°F (-13°C)

Thermostatic Switches



Capillary Length: 24" Switch Type: Fixed

Temperature Range: 30°F - 36°F (-1°C - 2°C) Clutch Cycle Range: 6°F (-14°C)



Switch Type: Fixed Temperature Range: 31°F - 39.5°F (-1°C - 4°C)

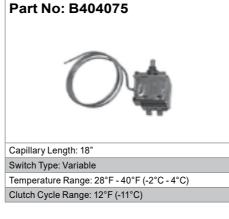
Clutch Cycle Range: 8.5°F (-13°C)



Switch Type: Fixed Temperature Range: 31°F - 39.5°F (-1°C - 4°C) Clutch Cycle Range: 8.5°F (-13°C)

Rotary & Variable Thermostats







Electronic Thermostats



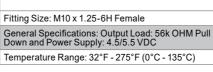
Miscellaneous Switches

Miscellaneous Switches















Fan Switches



Switch Kits



Linear Power Modules

Circuit Breakers





Linear Power Modules









Relays

Relays



Voltage: 12V

General Specifications: No Bracket

Amps: 40 amp

Pole/Throw Type: SPDT

No./Type of Terminal: 5



Voltage: 12V

Amps: 30 amp

Pole/Throw Type: SPDT

No./Type of Terminal: 5



Voltage: 12V

General Specifications: No Bracket

Amps: 30 amp / 40 amp

Pole/Throw Type: SPDT

No./Type of Terminal: 5



General Specifications: No Bracket

Amps: 30 amp / 40 amp Pole/Throw Type: SPDT No./Type of Terminal: 5



Voltage: 12V

General Specifications: Bracket/Dual Contacts & Diode

Amps: 30 amp

Pole/Throw Type: SPST

NO/NC: NO

No./Type of Terminal: 5



Voltage: 12V

General Specifications: Bracket

Amps: 30 amp NO / 20 amp NC

Pole/Throw Type: SPDT

No./Type of Terminal: 5



General Specifications: Micro

Pole/Throw Type: SPDT

No./Type of Terminal: 5

Amp Draw: 35 amp NO / 20 amp NC

Part No: 1000611575



Voltage: 12V

General Specifications: Relay with Resistor

No./Type of Terminal: 4

Amp Draw: 100 amp

Part No: 1000925735



Voltage: 12V

Amps: 10 amp / 20 amp

Pole/Throw Type: SPDT

NO/NC: 35A NO / 20A NC

No./Type of Terminal: 5

Resistors



No./Type of Terminal: 5



General Specifications: Resistor





Resistors



Resistors



Voltage: 12V No./Type of Terminal: 3



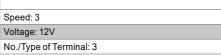
Speed: 4 Voltage: 12V No./Type of Terminal: 5



Speed: 3 Voltage: 12V No./Type of Terminal: 3



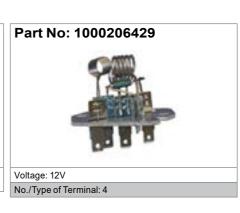




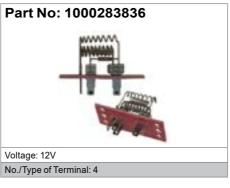














Resistors



Speed: 3 Voltage: 12V No./Type of Terminal: 3



Speed: 3 Voltage: 12V No./Type of Terminal: 3



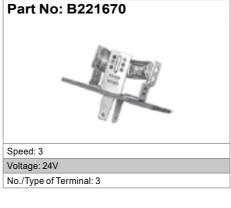
Speed: 3 Voltage: 24V No./Type of Terminal: 3













Sensors

Sensors













No./Type of Terminal: 2 Pin



Additional Specification: NITE Phoenix Prefix SRT, BWF, BYC, CAI, CCA, CDJ, CIA, CNA



