Installation Instructions

Illuminated Handle Toggle Switches

Part Numbers: 54109, 54109-01, 54110, 54110-01, M-54111-01, and M-54111-02

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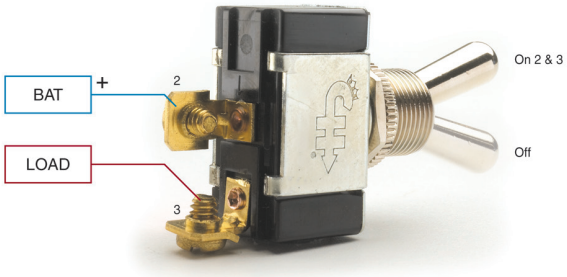
Switch Positions and Functions

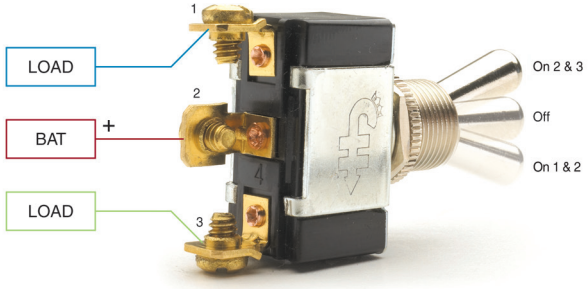
The following switch configurations and diagrams illustrate the most common types of toggle switches.

SP: Single Pole, one circuit controlled by the switch.
ST: Single Throw, closes a circuit at only one position and with one throw.
DT: Double Throw, closes a circuit in the up or down position (On-On or On-Off-On).
Dependent: Switch handle is lit only when switch is in an On position.
Independent: Switch handle is lit at all times the system is powered (whether the switch is in an On or Off position).

SPST On-Off



SPDT On-Off-On

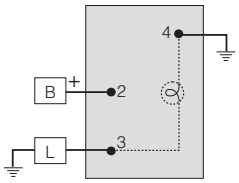


*Images may differ than switch you are installing.

Switches with One Pilot Light

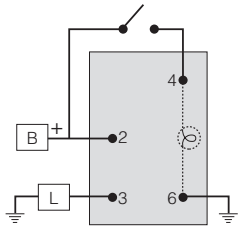
SPST Off-ON – Dependent Light (Three Terminals)

Diagram A



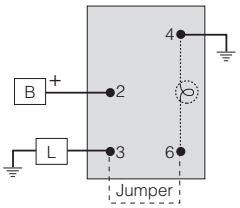
SPST Off-On – Independent Light (Four Terminals)

Diagram B



SPST Off-On – Independent converted to Dependent (Four Terminals)
Connect jumper wire (not included) from T3 to T6 and connect T4

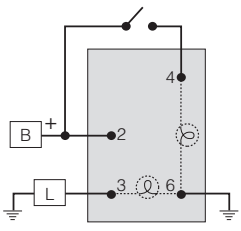
Diagram C



Switches with Two Pilot Lights

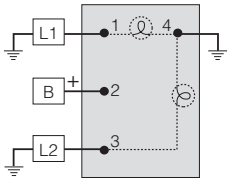
SPST Off-On – Dependent & Independent Lights (Four Terminals)

Diagram D



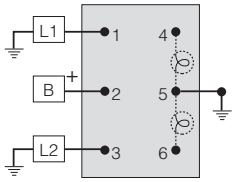
SPDT On-Off-On or On-On – Dependent & Independent Lights (Four Terminals)

Diagram E



SPDT On-Off-On or On-On – Two Independent Lights (Four Terminals)

Diagram F



Instrucciones de instalación

Interruptores iluminados de palanca

Números de partes: 54109, 54109-01, 54110, 54110-01, M-54111-01 y M-54111-02

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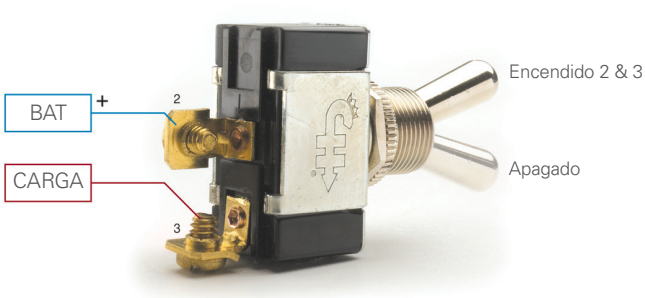
Cambiar Posiciones y Funciones

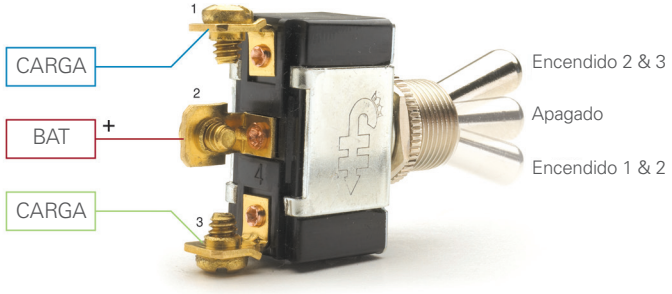
Las configuraciones y diagramas de interruptores siguientes ilustran los tipos más comunes de interruptores de palanca.

Unipolar: Unipolar, interruptor controla un circuito
Unidireccional: Cierra el circuito en una sola posición y con un solo tiro.
Bidireccional: De doble tiro, cierra el circuito en la posición de arriba o abajo.(Encendido-Encendido or Encendido-Apagado-Encendido).
Dependiente: La palanca del interruptor se enciende solo cuando el interruptor está en la posición de encendido.
Independiente: La manija del interruptor está encendida todo el tiempo que el sistema está encendido (ya sea que el interruptor esté en una posición de encendido o apagado).

Unipolar unidireccional On-Off (Encendido-Apagado)



Unipolar bidireccional On-Off-On (Encendido-Apagado-Encendido)

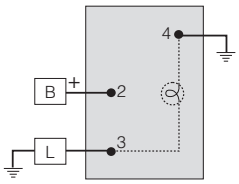


*Las imágenes pueden ser diferentes del interruptor que está instalando.

Interruptores con una luz piloto

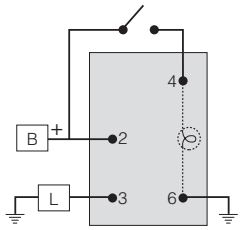
Unipolar unidireccional Off-On (Apagado-Encendido):
Luz dependiente (tres terminales)

Diagrama A



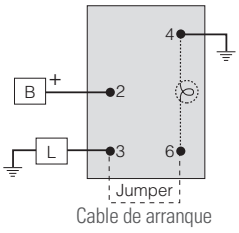
Unipolar unidireccional Off-On (Apagado-Encendido):
Luz independiente (cuatro terminales)

Diagrama B



Unipolar unidireccional Off-On (Apagado-Encendido):
Luz independiente convertida a dependientes (cuatro terminales)
Conecte un cable (no incluido) de T3 a T6 y conecte T4

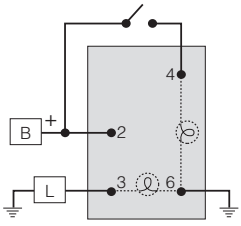
Diagrama C



Interruptores con dos luces piloto

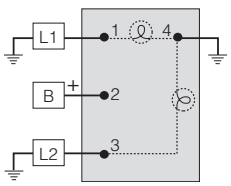
Unipolar unidireccional Off-On (Apagado-Encendido):
Luces dependiente e independiente (cuatro terminales)

Diagrama D



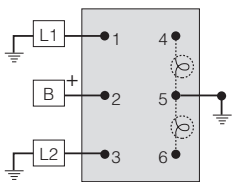
Unipolar bidireccional On-Off-On (Encendido-Apagado-Encendido) o bien On-On (Encendido-Encendido):
Luces dependiente e independiente (cuatro terminales)

Diagrama E



Unipolar bidireccional On-Off-On (Encendido-Apagado-Encendido) o bien On-On (Encendido-Encendido):
Dos luces independientes (cuatro terminales)

Diagrama F



Mode d'installation

Interrupteurs à bascule lumineux
Numéros de pièce : 54109, 54109-01, 54110, 54110-01, M-54111-01 et M 54111-02

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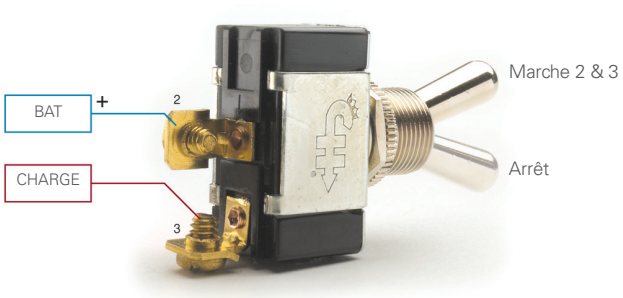
Changer de Position et de Fonction

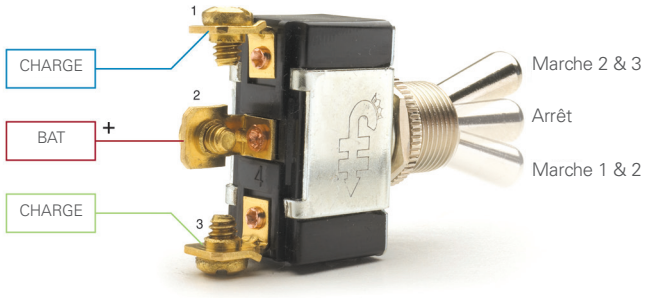
Les configurations et les schémas suivants illustrent les types les plus courants d'interrupteurs à bascule.

Unipolaire: Un seul pôle; l'interrupteur commande un seul circuit.
Unidirectionnel: Une seule direction; l'interrupteur ferme un circuit à une seule position, dans un seul sens.
Bidirectionnel: Deux directions; l'interrupteur ferme un circuit en position levée ou abaissée (Marche-Marche / Marche-Arrêt-Marche).
Dépendant: La poignée de l'interrupteur n'est allumée que lorsque l'interrupteur est en position de marche.
Indépendant: La poignée de l'interrupteur est allumée en permanence lorsque le système est alimenté (que l'interrupteur soit en position Marche ou Arrêt).

Unipolaire Unidirectionnel On-Off (Marche-Arrêt)



Unipolaire Bidirectionnel On-Off-On (Marche-Arrêt-Marche)

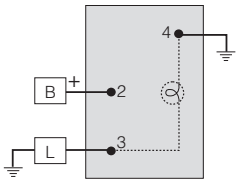


*Les interrupteurs illustrés peuvent différer ce celui que vous installez.

Interrupteurs à lampe témoin simple

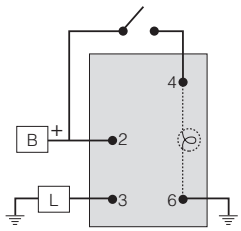
Unipolaire unidirectionnel Off-On (Arrêt-Marche)
Lampe témoin dépendante (trois bornes)

Schéma A



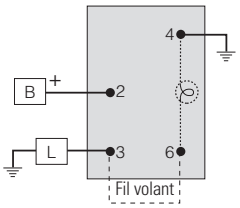
Unipolaire unidirectionnel Off-On (Arrêt-Marche)
Lampe témoin dépendante (quatre bornes)

Schéma B



Unipolaire unidirectionnel Off-On (Arrêt-Marche) – Lampe témoin indépendante adaptée à dépendante (quatre bornes)
Relier T3 et T6 par un fil volant (non compris) et brancher à T4

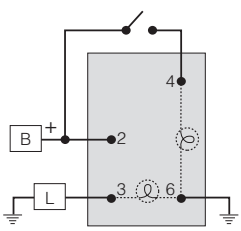
Schéma C



Interrupteur à double lampe témoin

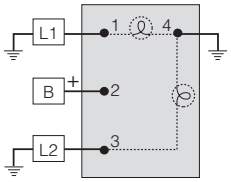
Unipolaire unidirectionnel Off-On (Arrêt-Marche)
Lampes témoins dépendante et indépendante (quatre

Schéma D



Unipolaire bidirectionnel On-Off-On (Marche-Arrêt-Marche) ou On-On (Marche-Marche) - Lampes Témoins

Schéma E



Unipolaire bidirectionnel On-Off-On (Marche-Arrêt-Marche) ou On-On (Marche-Marche) – Deux Lampes

Schéma F