DESCRIPTION

Nascom’s award winning N505AU FLIP SWITCH™ is perfect for man doors. The unique flip option allows the switch to be mounted with the cable in either direction, without loss of gap.

The FLIP SWITCH™ combines the installers’ choice of contact configuration with an N35 NdFeB magnet for maximum gap performance.

NO DEAD SPOT™ technology, in the N505AU closed loop versions, prevent false alarms caused by door misalignment.

FEATURES

- NO DEAD SPOT™ TECHNOLOGY
- EXTRA WIDE GAP - N35 NdFeB RARE EARTH MAGNET
- 24” ARMORED CABLE LEAD PROTECTION
- FAST AND EASY INSTALLATION
- UNIVERSAL MOUNT
- 36” 22AWG WIRE LEADS
- EXTRUDED ANODIZED (TYPE II) ALUMINUM
- LISTED TO UL634 STANDARD

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>COLOR</th>
<th>OPERATE GAP (in INCHES)</th>
<th>CONTACT RATING (Max DC/Peak AC Resistive)</th>
<th>STATIC CONTACT RESISTANCE (50mV, 100mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>SWITCHING</td>
<td>CARRY</td>
</tr>
<tr>
<td>N505AU/ST</td>
<td>SILVER</td>
<td>1.75 to 2.75</td>
<td>200 VDC</td>
<td>0.5 Amps</td>
</tr>
<tr>
<td>N505AU/ST2CR</td>
<td>SILVER</td>
<td>1.75 to 2.75</td>
<td>200 VDC</td>
<td>0.5 Amps</td>
</tr>
<tr>
<td>N505AU/STFB</td>
<td>SILVER</td>
<td>1.50 to 2.50</td>
<td>30 VDC</td>
<td>0.2 Amps</td>
</tr>
<tr>
<td>N505AU/STSD</td>
<td>SILVER</td>
<td>1.50 to 2.50</td>
<td>30 VDC</td>
<td>0.2 Amps</td>
</tr>
<tr>
<td>N505AU/STDD</td>
<td>SILVER</td>
<td>1.50 to 2.50</td>
<td>30 VDC</td>
<td>0.2 Amps</td>
</tr>
<tr>
<td>N505AU/STHS</td>
<td>SILVER</td>
<td>0.1875 to 0.50</td>
<td>300 VDC</td>
<td>0.25 Amps</td>
</tr>
</tbody>
</table>
WIRING SCHEMATIC

CLOSED LOOP,
NORMALLY OPEN CONTACT

OPEN LOOP,
NORMALLY CLOSED CONTACT

DUAL CLOSED LOOP,
NORMALLY OPEN CONTACTS

DPDT, DOUBLE POLE DOUBLE THROW

SPDT, SINGLE POLE DOUBLE THROW

DIMENSIONS - IN [mm]

SWITCH

MAGNET

SPACER
INSTALLATION INSTRUCTIONS

NOTE: For N505AU/STHS - red dots on switch and magnet must be aligned for correct operation.

- Position the switch on the door frame and the magnet on the door in desired location.
- Place one of the enclosed spacers under the switch and one spacer under the magnet and align the switch and magnet housings as close as possible on the door with ¼” gap between the housings.
- Mark the mounting hole locations and drill mounting holes using a drill bit adequately sized for a #6 self-tapping screw.
- Place the spacer under the switch and attach to the door frame using two #6 Self-Tapping screws.
- Place the spacer under the Magnet and attach to the door using two #6 Self-Tapping screws.
- Connect an ohm meter to the switch leads and open and close the door to test switch for correct operation.
- Connect the switch leads to the alarm system.

PART NUMBER SYSTEM

PRODUCT TYPE (1 or 2 digits):
- ST = SWITCH/MAGNET SET
- SW = SWITCH ONLY
- M = MAGNET ONLY

CIRCUIT (0, 2 or 3 digits):
- Blank = CLOSED LOOP
- 2CR = DUAL CLOSED LOOP
- FB = OPEN LOOP
- SD = SPDT
- DD = DPDT
- HS = HIGH SECURITY

LEAD WIRE COLOR (zero to 2 digits):
- Blank = Switch Color except:
  » resistor contacts standard is red wire
  » all 2 conductor jacketed wire is grey
- BL = Blue leads
- OL = Orange leads

WIRE TYPE (0 or 1 digit):
- Blank = UL1061 | 22AWG | 7/30
- J = 2-conductor PVC Jacketed NEC Type CL2 and CM

END OF LINE RESISTOR (zero to 4 digits):
- Blank = Resistor in series with the switch
- P = Resistor in parallel with the switch
- SP = Resistor 1 in series to the switch; resistor 2 in parallel to the switch

BUILT-IN END OF LINE RESISTOR VALUE (zero to 4 digits):
- Blank = No built-in end of line resistor
- All other resistor values are specified (e.g. 1K = 1,000 Ω)

LEAD LENGTH (zero, 3 or 4 digits):
- Blank - 24 Inches
- All other lengths specified in Inches with 3 digits (e.g. 036 = 36 Inches)
* lead length is armored cable length, wire length is 12 inches greater than armored cable length