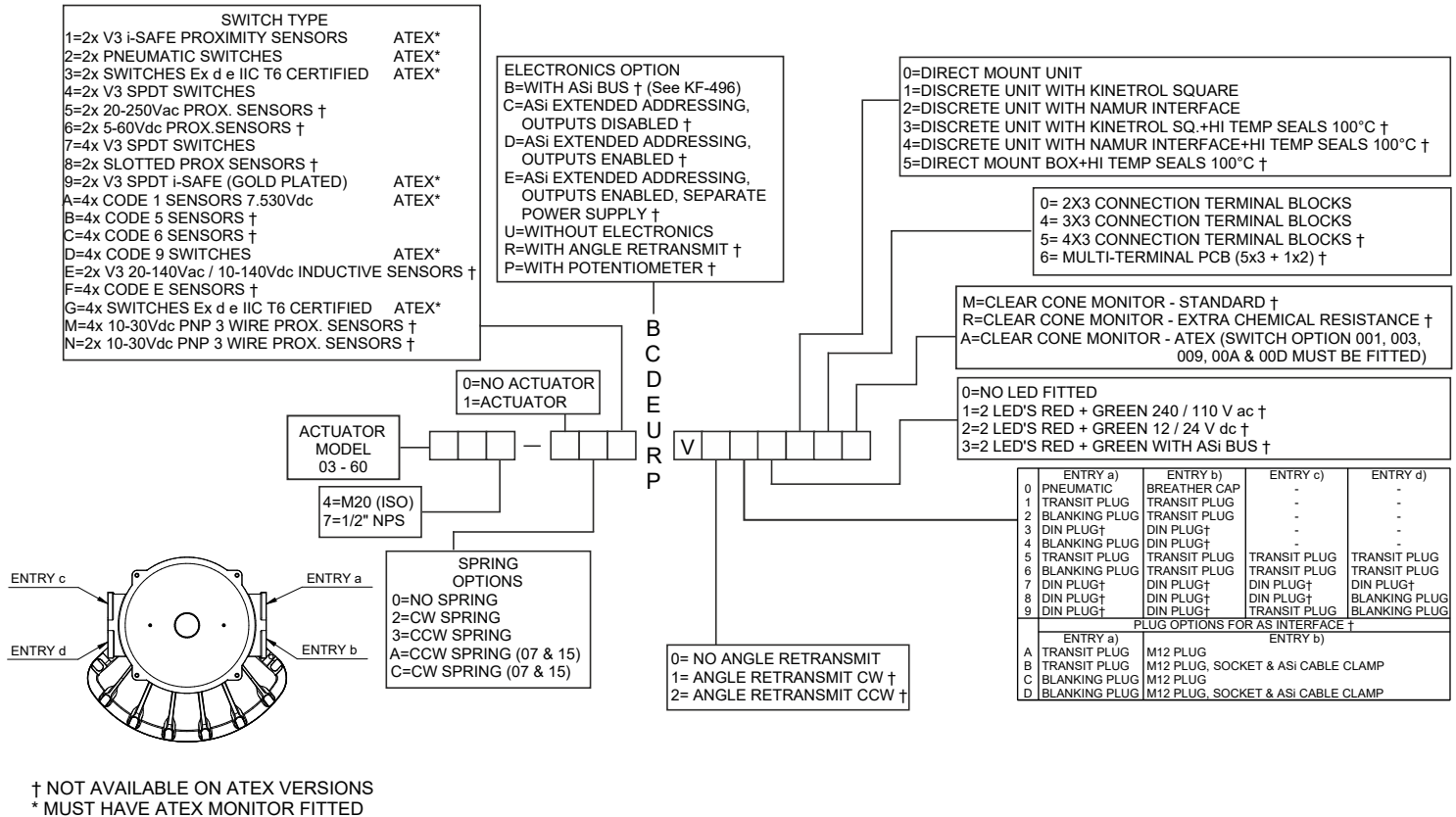


# Kinetrol VLS Limit Switch Box Ordering Codes



## Examples

- 074-001UV01000A 07 VLS box with 2x V3 i-safe proximity sensors, 2 transit plugs, 2x 3 way terminals ATEX clear cone monitor, ATEX approved.
- 074-004UV01000 07 VLS box with 2x V3 SPDT switches, 2 transit plugs, 2x 3 way terminals.
- 074-004RV12000 07 VLS box with 2x V3 SPDT switches, angle retransmit clockwise, 1x transit & 1x blanking plug. 2x 3 way terminals,
- 094-124BV02000 09 Spring return clockwise actuator & VLS box with 2x V3 SPDT switches, standard ASi, 2x transit plugs, 2x 3 way terminals.
- 094-109UV01000A 09 Double acting actuator & VLS box with 2x V3 i-safe mechanical switches gold plated, 2 transit plugs, 2x 3 way terminals, ATEX clear cone monitor, ATEX approved.

Further switch options are available upon request - please contact Kinetrol for details

For high temperature option suitable for 250°C / 482°F for a maximum of 2 hours exposure - Contact Kinetrol for special order codes.

# Kinetrol XLS Limit Switch Box Ordering Codes

<b>APPROVAL TYPE</b> E = IEC / ATEX IIC, IIB, IIA F = FM / FMC GRPS B,C,D P = FM GRP A	<b>B = 2 ENTRY</b> <b>D = 4 ENTRY</b>	0 = CLOSE-MOUNT (03-15 MODEL-SPECIFIC) 1 = DISCRETE KINETROL 05 SQUARE DRIVE (16-30 MODEL-SPECIFIC) 2 = DISCRETE NAMUR 3 = NO MOUNTING PARTS (NON MODEL-SPECIFIC)  <b>NOTE: ACTUATORS 16 - 60 REQUIRE DISCRETE MOUNTING</b>
<b>SWITCH OPTIONS</b> (SUPPLIED WITH 2 STRIKERS AS STANDARD) 1 = 2 x V3 7.5-30Vdc, NC, 2 WIRE INDUCTIVE SENSORS 4 = 2 x V3 SPDT, 0-250Vac, MECHANICAL MICROSWITCHES 5 = 2 x V3 20-250Vdc / 10-300Vdc NO, 2 WIRE, INDUCTIVE SENSORS 6 = 2 x V3 5-60Vdc, NO, 2 WIRE, INDUCTIVE SENSORS 7 = 4 x V3 SPDT, 0-250Vac, MECHANICAL MICROSWITCHES 9 = 2 x V3 SPDT, GOLD PLATED CONTACTS MECHANICAL MICROSWITCHES A = 4 x CODE 1 SENSORS B = 4 x CODE 5 SENSORS C = 4 x CODE 6 SENSORS D = 4 x CODE 9 MICROSWITCHES E = 2 x V3 20-140Vdc / 10-140Vdc, NO, 2 WIRE, INDUCTIVE SENSORS † F = 4 x CODE E SENSORS † M = 4 x 10-30Vdc, PNP, 3 WIRE, PROXIMITY SENSORS N = 2 x 10-30Vdc, PNP, 3 WIRE, PROXIMITY SENSORS  † NOT AVAILABLE ON FM APPROVED UNITS	<b>MOUNTING PARTS AVAILABLE:</b> SP1601 - 05 SQUARE DRIVE SP1602 - 07/05 SQUARE REDUCER SP1603 - NAMUR DRIVE SP1604 - 07/03 SQUARE REDUCER SP/ASP1607 - CLOSE MOUNTING KIT SP/ASP1608 - 12/14/15 ACCESSORY MOUNTING ADAPTOR (UNDRILLED) SP/ASP389 - MODEL 16 MOUNT KIT SP/ASP329 - MODEL 18 MOUNT KIT SP/ASP400 - MODEL 21 - 60 MOUNT KIT	<b>TERMINALS NEEDED FOR OPTIONS</b> <b>NO BACKWIRING</b> ASI + 2 OR 4 SWITCHES = 2x3 (0) A/R + 2 SWITCHES = 2x3 (0) A/R + 4 SWITCHES = PCB (6) POT + 2 OR 4 SWITCHES = PCB (6) 2 SWITCHES = 2x3 (0) 4 SWITCHES = 4x3 (5)  <b>WITH BACKWIRING</b> A/R + 2 SWITCHES = PCB (6) A/R + 4 SWITCHES = PCB (6) POT + 2 SWITCHES = PCB (6) POT + 4 SWITCHES = PCB (6) SEE NOTE 2 SWITCHES = 3x3 (4) 4 SWITCHES = PCB (6)  <b>NOTE - POT + 4 SWITCHES WITH BACKWIRING WILL NOT HAVE ENOUGH TERMINAL CONNECTORS TO WIRE ALL NORMALLY OPEN / NORMALLY CLOSED SWITCH CONNECTIONS WITH 3 POT CONNECTIONS.</b>
<b>ACTUATOR MODEL</b> 03 - 60	<b>SPRING OPTIONS</b> 0=NO SR 2=SR CW 3=SR CCW A=SR CCW (07 & 15) C=SR CW (07 & 15)	<b>0 = 2 x 3 TERMINALS</b> <b>4= 3 x 3 TERMINALS</b> <b>5= 4 x 3 TERMINALS</b> <b>6= MULTI-TERMINAL PCB (2x6 + 1x3 + 1x2)</b>
<b>0 = WITHOUT ACT</b> <b>1 = WITH ACT</b>	<b>0 = STANDARD INDICATOR</b> <b>A = ANTI-STATIC MONITOR</b>	<b>ELECTRONICS OPTIONS</b> 0 = NO OPTIONS B = ASI BUS C = ASI EXTENDED ADDRESSING OUTPUTS DISABLED D = ASI EXTENDED ADDRESSING OUTPUTS ENABLED E = ASI EXTENDED ADDRESSING OUTPUTS ENABLED, SEPARATE POWER SUPPLY F = ANGLE RETRANSMIT CLOCKWISE G = ANGLE RETRANSMIT ANTI-CLOCKWISE P = POTENTIOMETER
<b>3 = DIN FLANGE STANDARD (FEMALE DRIVE)</b> <b>4 = ISO (M20) THREAD</b> <b>A = DIN FLANGE STANDARD WITH NAMUR ADAPTOR</b> <b>B = ISO (M20) THREAD STANDARD WITH NAMUR ADAPTOR</b> <b>C = ANSI (1/2" NPT) THREAD STANDARD WITH NAMUR ADAPTOR</b> <b>7 = ANSI THREAD (1/2" NPT)</b>	<b>NOT AVAILABLE WITH APPROVAL TYPES F &amp; P</b>	

## Electronics Option B - E \*

AS interface options are available with both the two and four entry Kinetrol Explosion Proof Switch Box. Options B to E allow for different extended addressing options. Ambient temperature environment type GAS or DUST -20°C to +80°C (-4°F to 176°F)

\* For more details on the Kinetrol AS interface card see Kinetrol Asi Interface Bus Communication data sheet.

## Electronics Option F - G

Two or four entry Switch Box fitted with angle retransmit circuit powered by 14-30v DC supply, the 2 wire loop powered circuit generates a 4-20mA current to feedback position. Ambient temperature environment type GAS -40°C to +80°C (-40°F to 176°F) DUST -20°C to +80°C (-4°F to 176°F)

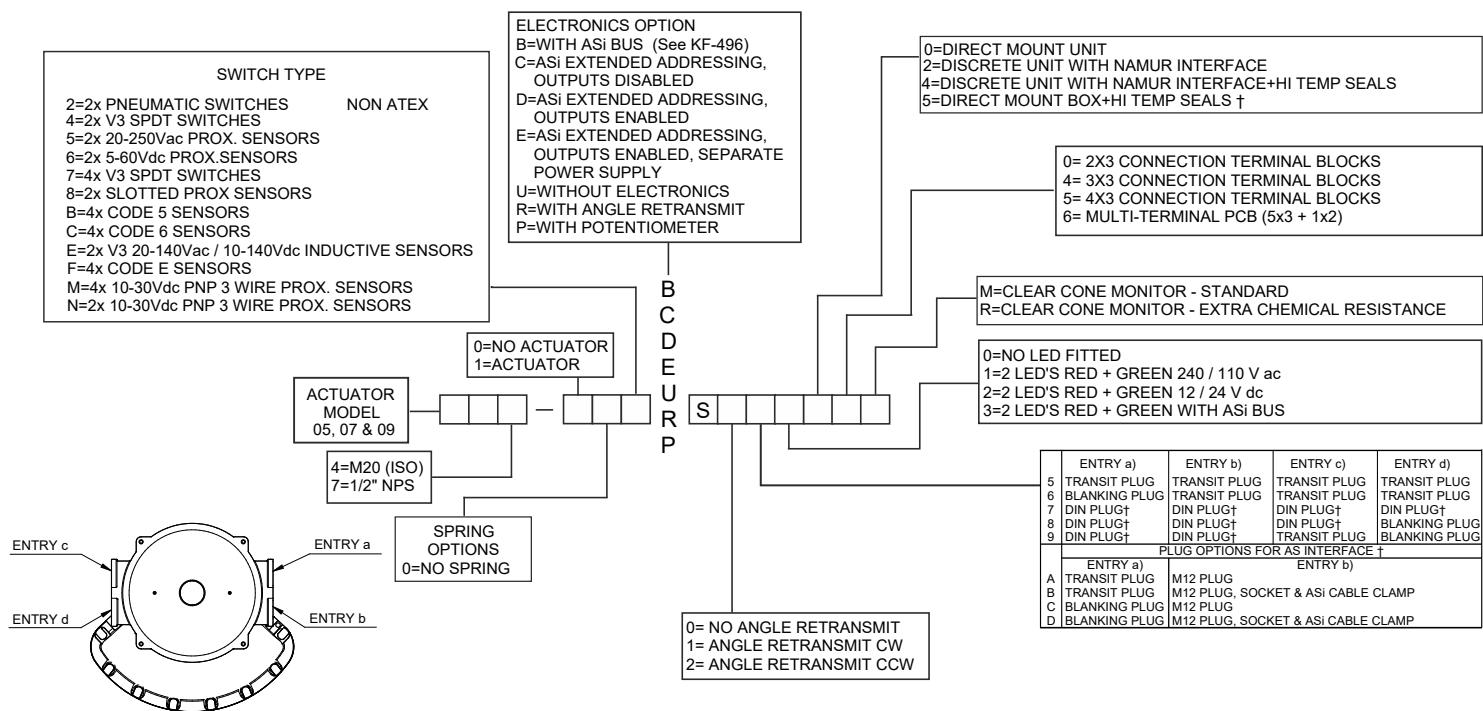
## Electronics Option P

Two or four way Switch Box fitted with potentiometer (20K ohms conductive plastic type).

## Examples

- 004-004XE0B034A Kinetrol discrete explosion proof limit switch box with 2 x V3 Microswitches  
3 x 3 terminals and hazardous area monitor, Atex approved - no mounting parts
- 077-006XF0B0300 Kinetrol Ansi 07 explosion proof limit switch box with 2 x v3 5-60v dc inductive sensors, 3 x 3 terminals, standard indicator, FM Approved
- 124-104XE0D050A Kinetrol model 12 double acting actuator complete with 2 x V3 Microswitches  
4 x 3 terminals and hazardous area monitor, Atex approved

# Kinetrol Stainless Steel VLS Limit Switch Box Ordering Codes



## Examples

- 074-004US05000M      Kinetrol Stainless Steel VLS Limit Switch Box with 2 x V3 Microswitches.  
3 x 3 terminals, 4 x M20 Cable Entries with transit plugs and Clear Cone Monitor.
- 094-106US05004      Kinetrol Model 09 Stainless Steel Double Acting Actuator complete with Stainless Steel VLS  
Limit Switch Box containing 2 x 5-60v dc Proximity Sensors, 4 x 3 terminals and 4 x M20  
Cable Entries with transit plugs