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in your limit switches?

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IEC Modular  
XC Limit Switch.



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**Schneider**  
Electric

# XC Limit Switch



Use this worksheet to help identify the part number of the product your customer is looking for. Get the answers to the questions below from your customer. Then, complete the steps on the back to identify the part number from the Schneider Electric Digest 174.

## 1. What type of basic switch body is needed?

- Compact plastic body
- Miniature plastic body
- Wide (2 cable entries) plastic body
- Compact metal body
- Miniature metal body

## 2. What contact arrangement is needed?

(normally open = N.O., normally closed = N.C.)

- 2-pole, 1 N.O. and 1 N.C. snap action
- 3-pole, 2 N.C. and 1 N.O. snap action
- 2-pole, 1 N.O. and 1 N.C. slow break
- 3-pole, 2 N.C. and 1 N.O. slow break

## 3. What type of head do you need?

(choose only one)

Plunger or Multi-directional Heads	
Metal end plunger with or without elastomer protective boot	Threaded M12 or M18 metal plunger
Steel roller plunger	Threaded M12 or M18 steel roller plunger
Retractable steel roller lever	Spring lever with or without plastic end
Plastic roller lever, vertical actuation	Cat whisker
Plastic roller lever, horizontal actuation	

Rotary Head and Lever Arms*	
Rotary head without lever, spring return	Plastic roller lever, track
Steel roller lever	Ceramic roller lever
Glass fiber rod lever	Metal spring lever
Plastic roller lever, 50mm diameter	Others available

\* If your customer requires a roller lever, follow the remaining steps, if not, go to the selection process.

## 4a. If you have a roller lever arm type, which track do you need?

“Track” is distance from roller midline to rear of switch:

X/Ymm, where X = roller facing rear, and Y = roller facing forward

- 24mm/31mm (ZCMD)
- 16mm/39mm (ZCMD)
- 20mm/36mm (ZCMD)
- 29mm/36mm (ZCD/P/T)
- 21mm/44mm (ZCD/P/T)
- 24mm/40mm (ZCD/P/T)

## 4b. Or, do you need an adjustable length lever arm?

- Variable length plastic roller lever
- Adjustable plastic roller lever, 50mm

## 5. For all roller arms, head style ZCE01 is also required.



## Selection Process

Follow the steps below to locate and build the part number you need. Page numbers refer to Schneider Electric's Digest 174. If you don't have a copy of this product catalog, please request one from your local representative or visit [www.us.SquareD.com](http://www.us.SquareD.com).

Note: Common pre-assembled parts and their catalog numbers are shown on page 21-23.

**Step 1: Locate the correct section in the Digest.**

Go to pages 21-25 through 21-26.

Assembled limit switch unit catalog numbers begin with "XCK."

Component catalog numbers begin with "ZC."

**Step 2: Locate the limit switch body.**

The body style is located on pages 21-26.

Once you find the body style, stay on the same page for the next step.

**Step 3: Locate the contact configuration that is required.**

The options are shown below the picture of the body style you have chosen.

(Example: metal compact body, 2-pole N.C. + N.O. contact, snap action: ZCD21)

**Step 4: Determine the connection type that is required.**

The connection options are listed below the contact types.

Miniature body switches can be found in the bottom rows of table 21.67.

Compact body switches are shown in table 21.69.

For compact body switches, the body material must match the

connection material. (Example: metal M16 cable gland = ZCDEP16 or

plastic 1/2" NPT = ZCPEN12)

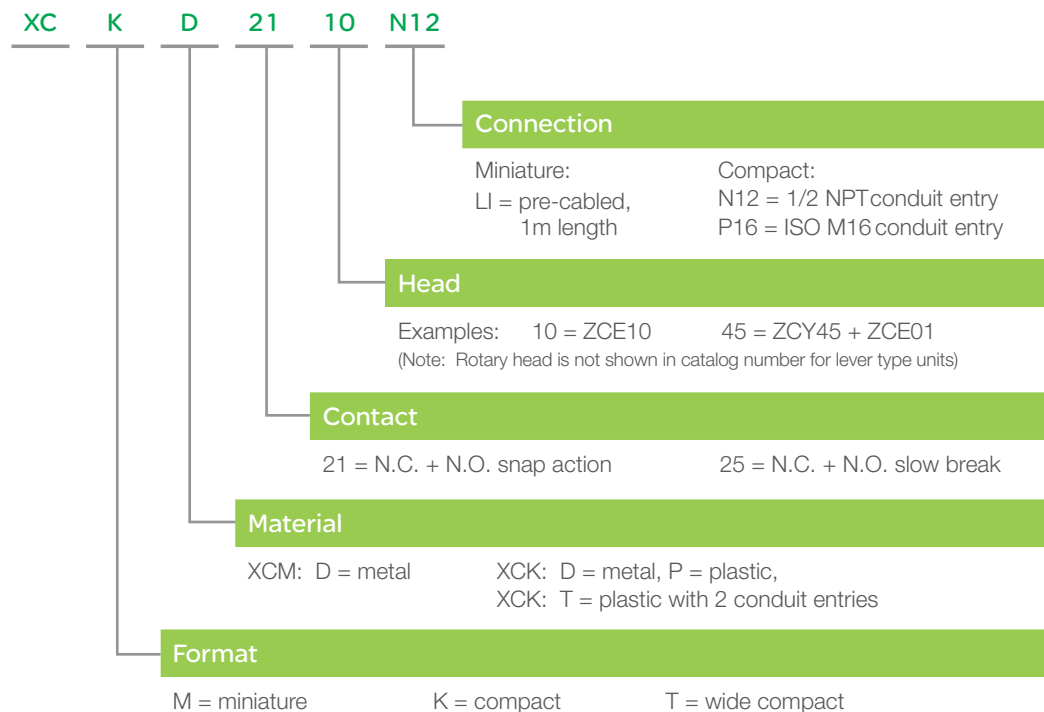
**Step 5: Turn to page 21-25 to select a head style.**

The catalog part number is given below the picture of the head style.

Any head style will work with any body style. (Example: cat whisker, ZCE06)

If you would like to order components, then you're done!

**Step 6: Part number breakdown:**



**Note:** Even more options are shown in the limit switch catalog, document number 9007CT0501.



If you want a fully-assembled limit switch, you need to build a part number.



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To find genuine Schneider Electric brand limit switches, go to [www.us.Schneider-Electric.com](http://www.us.Schneider-Electric.com).

**Still need help? Call 888-SquareD.**

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