# 194LE251753

**Allen-Bradley 194L Cam Switch 3Pole 25A Panel Mount 90 Degree Off On**



| | |
|---|---|
| **Component type** | Off-load switch |
| **Range** | 194L |
| **Model** | N/A |
| **Product status** | Existing |

The Allen-Bradley 194L range of rotary cam switches are designed for use in control and load switching based applications rated from 12A to 40A. Modular in design and available with a range of frame sizes, faceplate and switch body designs for various switching configurations. Optional accessories include shaft extensions and enclosures for various applications.

## ELECTRICAL

| | |
|---|---|
| Number of poles | 3 |
| Rated uninterrupted current Iu | 25 A |
| Rated operation power at AC-3, 400 V | 11 kW |
| Rated operation current Ie at AC-15, 230 V | 8 A |
| Rated operation current Ie at AC-15, 400 V | 6 A |
| Rated operation current Ie at AC-22a, 690 V | 25 A |
| Rated operation current Ie at AC-22a, 220-500 V | 25 A |
| Rated operation current Ie at AC-21a, 690V | 25 A |
| Rated operation current Ie at AC-1, 690V | 25 A |
| Ithe, thermal current (enclosed) | 25 A |
| Ith, thermal current (open) | 30 A |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 0 |
| Number of auxiliary contacts as change-over contact | 0 |
| Type of electrical connection of main circuit | Screw connection |

## CONSTRUCTION

| | |
|---|---|
| Model | On/Off switch |
| Mounting method | Front mounting |
| Material housing | Plastic |
| Wire/conductor size, rigid cable | 1.5-6 mm² |
| Wire/conductor size, flex cable | 1.5-4 mm² |
| Degree of protection (IP), front side | IP20 |
| Suitable for front mounting | Yes |
| Suitable for distribution board installation | No |
| Complete device in housing | No |



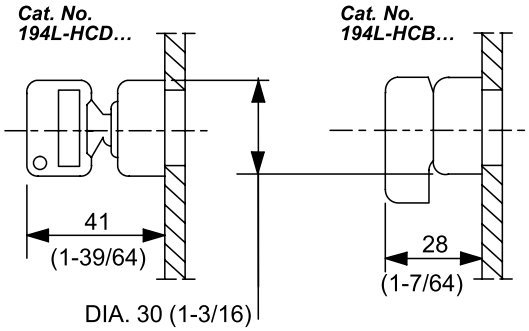
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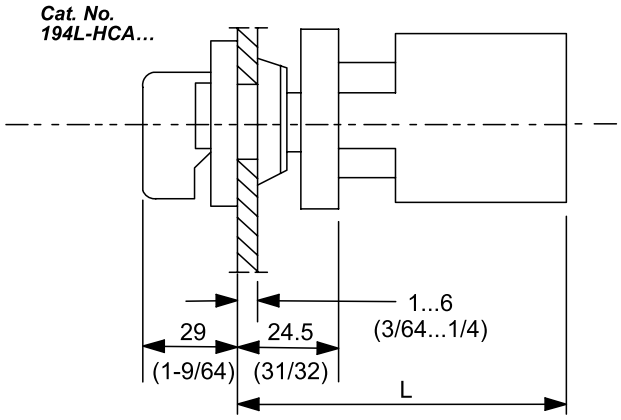
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| | | |
|---|---|---|
| **MECHANICAL** | With zero (off) position | Yes |
| | Mechanical life (service cycles) | 1000000 cycles |
| | Number of switch positions | 2 |
| | With retraction in 0-position | No |
| **DIMENSIONS** | Depth | 57 mm |
| | Width | 55 mm |
| | Height | 55 mm |
| **ENVIRONMENT** | Operating temperature | -25…60 °C |

## DIMENSIONAL DIAGRAM




| Cat. No. | L | | | | |
|---|---|---|---|---|---|
| | No. of Contacts | | | | |
| | 1 – 2 | 3 – 4 | 5 – 6 | 7 – 8 | 9 – 10 |
| **194L-E12/16…** | 67.5 (2-21/32) | 77.5 (3-3/64) | 87.5 (3-7/16) | 97.5 (3-27/32) | 107.5 (4-15/64) |
| **194L-E20/25…** | 69 (2-23/32) | 81.5 (3-7/32) | 94 (3-45/64) | 106.5 (4-3/16) | 119 (4-11/16) |



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