194LE163503

Allen-Bradley 194L Cam Switch 3Pole 16A Panel Mount 60 Degree Changeover 1 0 2



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	16 A
Rated operation power at AC-3, 400 V	5.5 kW
Rated operation current Ie at AC-15, 230 V	6 A
Rated operation current Ie at AC-15, 400 V	4 A
Rated operation current Ie at AC-22a, 690 V	16 A
Rated operation current Ie at AC-22a, 220-500 V	16 A
Rated operation current Ie at AC-21a, 690V	16 A
Rated operation current Ie at AC-1, 690V	16 A
Ithe, thermal current (enclosed)	16 A
Ith, thermal current (open)	20 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

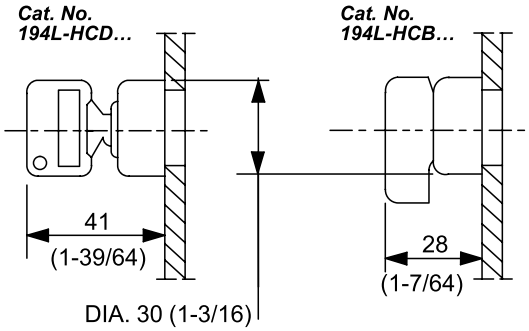
Model	Other
Mounting method	Front mounting
Material housing	Plastic
Wire/conductor size, rigid cable	1-2.5 mm²
Wire/conductor size, flex cable	1-2.5 mm²
Degree of protection (IP), front side	IP20
Suitable for front mounting	Yes
Suitable for distribution board installation	No
Complete device in housing	No

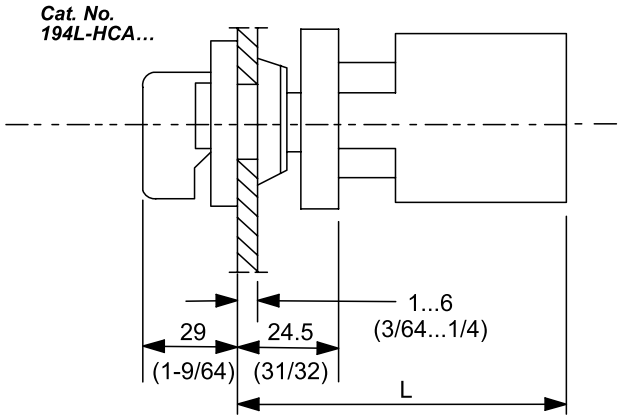
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MECHANICAL	With zero (off) position	Yes
	Mechanical life (service cycles)	1000000 cycles
	Number of switch positions	3
	With retraction in 0-position	No
DIMENSIONS	Depth	64 mm
	Width	42 mm
	Height	42 mm
ENVIRONMENT	Operating temperature	-25…60 °C

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)

Published on 21 July 2026