194LA161754

Allen-Bradley 194L Cam Switch 4Pole 16A Base 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	4
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

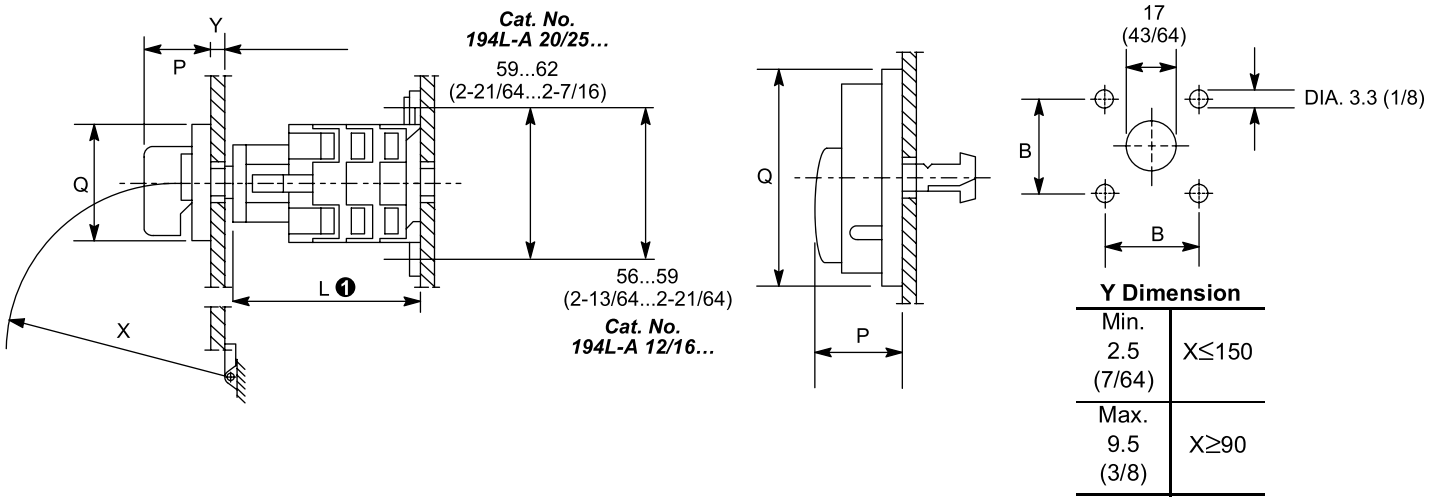
Model	On/Off switch
Mounting method	DIN rail
Material housing	Plastic
Wire/conductor size, rigid cable	1-2.5 mm²
Wire/conductor size, flex cable	1-2.5 mm²
Degree of protection (IP), front side	IP20
Suitable for front mounting	No
Suitable for distribution board installation	No
Complete device in housing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

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MECHANICAL	With zero (off) position	Yes
	Mechanical life (service cycles)	1000000 cycles
	Number of switch positions	2
	With retraction in 0-position	No
DIMENSIONS	Depth	68 mm
	Height	59 mm
ENVIRONMENT	Operating temperature	-25…60 °C

DIMENSIONAL DIAGRAM



Y Dimension	
Min. 2.5 (7/64)	X≤150
Max. 9.5 (3/8)	X≥90

Cat. No.	L ❶			
	No. of Contacts			
	1 – 2	3 – 4	5 – 6	7 – 8
194L-A12/16...	58 (2-9/32)	68 (2-11/16)	78 (3-5/64)	88 (3-15/32)
194L-A20/25...	58 (2-9/32)	71.5 (2-13/16)	84 (3-5/16)	96.5 (3-51/64)

Control Knob

Cat. No.	P	B	Q
194L-HE4A…	28 (1-7/64)	36 (1-27/64)	48 (1-57/64) x 48 (1-57/64)
194L-HE4I…			
194L-HE4S…			48 (1-57/64) x 62 (2-7/16)
194L-HE6A…		48 (1-57/64)	64 (2-33/64) x 64 (2-33/64)
194L-HE6I…			
194L-HE6S…			64 (2-33/64) x 78 (3-5/64)
194L-HE6N…	34 (1-11/32)		67 (2-41/64) x 67 (2-41/64)
194L-HE6G…			

❶ With DIN 46 277 (35) Rail + 2.5 mm (7/64)

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