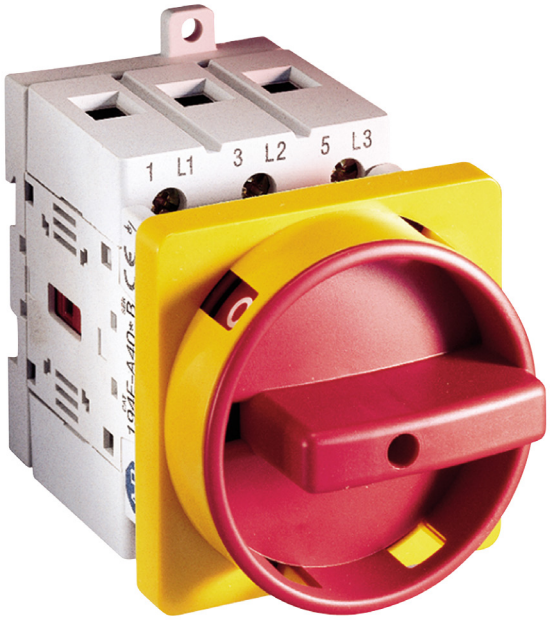
194EA1003753

Allen-Bradley 194E C/O Switch Body, Base/DIN Rail mount 3 Pole 100A



Component type	Switch disconnector
Range	194E
Model	N/A
Product status	Existing

Bulletin 194E Load Break Switches provide a safe and reliable way to disconnect and isolate power from machinery. Featuring visible on/off indication, padlockable handles, a blade stop, easy maintenance and switch longevity. Available from 16A to 100A and in 3 Pole to 6 Pole configurations. Options include additional poles, grounding and neutral terminals and auxiliary contacts.

ELECTRICAL	**Max. rated operation voltage Ue AC**	690 V
	Rated permanent current at AC-21, 400 V	100 A
	Rated control supply voltage Us at AC 50HZ	400-690 V
	Rated uninterrupted current Iu	100 A
	Number of poles	3
	Frequency	60 Hz
	Rated operation power at AC-3, 400 V	37 kW
	Rated operation power at AC-23, 400 V	45 kW
	Rated short-time withstand current Icw	2500 kA
	Rated insulation voltage Ui	600 V
	Rated impulse withstand voltage Uimp	8 kV
	Type of control element	Short thumb-grip
	Type of electrical connection of main circuit	Screw connection
	Rated operating voltage	690 V
	Conditioned rated short-circuit current Iq	25 kA
	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
	Motor drive optional	No
	Motor drive integrated	No
	Voltage release optional	No
CONSTRUCTION	**Device construction**	Built-in device fixed built-in technique
	Colour control element	Red
	Degree of protection (IP), front side	IP20

Published on 05 November 2026

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CONSTRUCTION	Degree of protection (NEMA)	Other
	Version as main switch	Yes
	Version as maintenance-/service switch	Yes
	Version as safety switch	No
	Version as emergency stop installation	No
	Version as reversing switch	No
	Number of switches	1
	Suitable for front mounting 4-hole	No
	Suitable for front mounting centre	No
	Suitable for distribution board installation	No
	Suitable for intermediate mounting	No
	Interlockable	No
MECHANICAL	Padlock locking	Yes
DIMENSIONS	Height	230 mm
	Width	175 mm
	Depth	120 mm
	Conductor cross section (solid, stranded)	4-50 mm²
	Connectable conductor cross section	4-50 mm²
ENVIRONMENT	Rated surrounding temperature without derating	60 °C
	Storage temperature	-40…80 °C

Published on 05 November 2026