194ECA00

Allen-Bradley 194E Enclosed Disconnect Switch IP66 Stainless Steel, Actuator Black/Grey, 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	600 V
Rated uninterrupted current Iu	100 A
Number of poles	3
Frequency	50/60 Hz
Rated operation power at AC-3, 400 V	37 kW
Rated operation power at AC-23, 400 V	55 kW
Rated short-time withstand current Icw	2500 kA
Rated insulation voltage Ui	690 V
Rated impulse withstand voltage Uimp	8 kV
Type of control element	Door coupling rotary drive
Type of electrical connection of main circuit	Screw connection
Conditioned rated short-circuit current Iq	25 kA
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	No

CONSTRUCTION

Device construction	Complete device in housing
Colour control element	Red
Degree of protection (IP), front side	IP66
Degree of protection (NEMA)	4X
Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	No
Version as emergency stop installation	Yes
Version as reversing switch	No
Number of switches	1
Suitable for front mounting 4-hole	No

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CONSTRUCTION	Suitable for front mounting centre	No
	Suitable for distribution board installation	No
	Suitable for intermediate mounting	No
	Interlockable	No
MECHANICAL	Padlock locking	No
DIMENSIONS	Height	241.3 mm
	Width	176.3 mm
	Depth	200.2 mm
	Conductor cross section solid (solid, stranded)	4-50 mm²
	Connectable conductor cross section	4-50 mm²

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