

V9B

Positive-action

Metal housed

V9B

- Characteristics
- positive-action (forced break) contacts
 - > 3 mm contact gap at full travel
 - robust metal housing
 - IEC (IP67) sealed mechanism
 - high temperature unwired versions
 - pre-wired options – vertical and horizontal leads

Rating 250 VAC, 10 A max.

Dimensions (mm) 42.3 × 24.5 × 16

- Actuator
- plunger
 - roller levers

Approvals UL, CSA


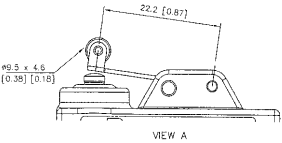
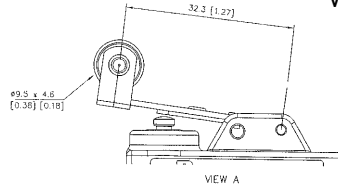


Preferred Range

Ordering Reference	Actuating Force (N)	Actuating Force (ozf)	Sealing	Terminal	Circuit	Actuator	Contacts	Electrical rating
V9B	2.5	9.0	IP67	M3 screw	NC	Plunger	Ag	Up to 250 VAC, 10 A
V9BVC2	2.5	9.0	IP67	Pre-wired	NC	Plunger	Ag	Up to 250 VAC, 10 A
V9BLR	2.7	9.7	IP67	M3 screw	NC	Roller lever	Ag	Up to 250 VAC, 10 A
V9BLRVC2	2.7	9.7	IP67	Pre-wired	NC	Roller lever	Ag	Up to 250 VAC, 10 A
V9BLR1	2.0	7.2	IP67	M3 screw	NC	Roller lever	Ag	Up to 250 VAC, 10 A
V9BLR1VC2	2.0	7.2	IP67	Pre-wired	NC	Roller lever	Ag	Up to 250 VAC, 10 A

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Operating Characteristics

Actuator	Reference	Actuating Force Maximum		Force at total travel		Free Position Maximum		Contact gap at total travel	
		(N)	(ozf)	(N)	(ozf)	(mm)	(in)	(mm)	(in)
Plunger 	V9B V9BVC2	2.5	9.0	3.7	13.3	22.6	0.89	3.0	0.118
LR Lever 	V9BLR V9BLRVC2	2.7	9.7	4.2	15.1	31.0	1.22	3.0	0.118
L Lever 	V9BLR1 V9BLR1VC2	2.0	7.2	3.0	10.8	39.0	1.54	3.0	0.118

Operating characteristics are specified from the mounting holes.

Total travel: Plunger can be depressed flush with housing. The housing should not be used as an end stop.

Type coding key for standard products

Basic type	V9B	Example: V9B LR H C2
Actuators	No symbol, plain plunger LR Roller lever 22.2 mm LR1 Roller lever 32.3 mm	
Terminals	No symbol, unwired H C2 Horizontal pre-wired cable V C2 Vertical pre-wired cable	
Pre-wired with	No symbol, 1 m cable	
Special Features	/ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Saia-Burgess specialise in customer specific solutions. Additional product variants are available or can be provided. If your requirements cannot be satisfied from the options listed, please contact www.saia-burgess.com or your local SB outlet.