

V4NCS

- Characteristics
- wide variety of levers
 - peg mounting option
 - pre-wired option
 - sealed (IP6K7)
 - solder and faston terminals
 - PCB terminals

Rating 250 VAC, 5 A

Dimensions (mm) 20 × 10,3 × 6,4

- Actuator
- plunger
 - plain levers
 - roller levers
 - simulated roller levers

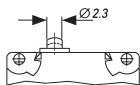
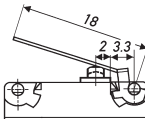
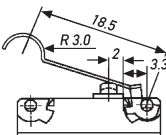
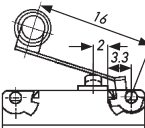
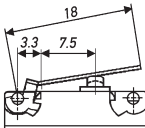
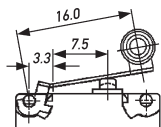
Approvals Automotive standard



Preferred Range

Ordering Reference	Actuating Force (N) (ozf)		Sealing	Operating pos. (mm) (in)		Terminal	Circuit	Actuator	Contacts	Electrical rating
V4NCS	2,5	8,992	Sealed IP6K7	8,40	0,331	Cable 500 mm	CO	Plunger	Ag	250 VAC, 5 A
V4NCSA1	0,9	3,237	Sealed IP6K7	10,80	0,425	Cable 500 mm	CO	Plain lever	Ag	250 VAC, 5 A
V4NCSAR	0,9	3,237	Sealed IP6K7	15,90	0,626	Cable 500 mm	CO	Roller lever	Ag	250 VAC, 5 A

Operating Characteristics

Actuator	Reference	Actuating Force		Release Force		Free Position		Operating Position		Movement Differential				
		Maximum (N)	(ozf)	Minimum (N)	(ozf)	Maximum (mm)	(in)	(mm)	(in)	Maximum (mm)	(in)			
Plunger		V4NCS..	2,5	8,992	0,5	1,798	9,2	0,362	8,4	± 0,3	0,331	± 0,012	0,1	0,004
		V4NCSB..	2,5	8,992	0,5	1,798	9,7	0,382	8,9		0,35		0,1	0,004
A1 Lever		V4NCS..	0,9	3,237	0,1	0,359	13,4	0,527	10,8	± 1,3	0,425	± 0,051	0,4	0,016
		V4NCSB..	0,9	3,237	0,1	0,359	14,8	0,582	12,4		0,488		0,4	0,016
Width of lever 4,0 (mm)/0,16 (in)														
AC Lever		V4NCS..	0,9	3,237	0,1	0,359	16,1	0,634	13,4	± 1,3	0,527	± 0,051	0,4	0,016
		V4NCSB..	0,9	3,237	0,1	0,359	17,6	0,693	15,1		0,594		0,4	0,016
Width of lever 4,0 (mm)/0,16 (in)														
AR Lever		V4NCS..	0,9	3,237	0,1	0,359	18,1	0,712	15,9	± 1,2	0,626	± 0,047	0,4	0,016
		V4NCSB..	0,9	3,237	0,1	0,359	19,2	0,756	17,3		0,681		0,4	0,016
Width of lever 4,0 (mm)/0,16 (in)														
A10 Lever		V4NCS..	1,8	6,474	0,2	0,719	10,7	0,421	9,3	± 0,7	0,366	± 0,027	0,2	0,008
		V4NCSB..	1,8	6,474	0,2	0,719	11,5	0,453	10,1		0,397		0,2	0,008
Width of lever 4,0 (mm)/0,16 (in)														
ARO Lever		V4NCS..	1,8	6,474	0,2	0,719	15,8	0,622	14,7	± 0,6	0,579	± 0,023	0,2	0,008
		V4NCSB..	1,8	6,474	0,2	0,719	16,5	0,649	15,4		0,606		0,2	0,008
Width of lever 4,0 (mm)/0,16 (in)														

Operating characteristics shown above are specified from mounting hole centres.

Over travel: Flush with case. (7,8 mm min) The case should not be used as an end stop.

Ordering Reference

Basic type	V4NC			Example: V4NC					S	T7	C4	A1	0	G
Type of sealing	S	Sealed IP6K7	standard travel											
	B	Sealed IP6K7	with extended overtravel (0,5 mm)											
Terminals	No symbol, pre-wired 500 mm with cable box (V4NCS/B only)													
	T7	Solder	2,95 × 0,5 × 3,55 long											
	T8	PCB	0,8 × 0,5 × 4,0 long											
	T9	Faston	2,8 × 0,5 × 9,5 long											
	T81	Formed PCB	0,8 × 0,5 × 3,8 long											
	T82	Formed PCB	0,8 × 0,5 × 3,8 long											
Circuit	No symbol, change-over													
	C2	Normally closed												
	C4	Normally open												
Actuators	No symbol, without lever													
	A1	Plain lever	18,0 mm											
	A2	Plain lever	25,0 mm											
	A3	Plain lever	32,0 mm											
	A7	Plain lever	60,0 mm											
	AC	Cam follower lever	18,5 mm (AC1)											
	AR	Roller lever	16,0 mm (AR1)											
	AP	Roller lever	17,9 mm (AR2)											
	Other actuators on special request													
Actuator Position	No symbol, without lever, or lever fitted at the end nearest to the Plunger													
	0	With lever fitted at end opposite to plunger												
Contact Material	No symbol, Ag													
	X	Gold alloy on silver palladium crosspoint (AUX)												
Special Features	/□□□□	Saia 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.												