

Certification Record

CUSTOMER	CLASS	FILE
Omron Electronics LLC One Commerce Dr Schaumburg IL 60173 USA	6241-10 SWITCHES-Snap - Special Use	021642_0_000
Refer to Class Description for program details		

TO THE REQUIREMENTS OF CSA STD C22.2 NO 55-M1986:

- Type A-20G, spdt, 20A, 125, 250 or 480V ac, 10A, 125V ac (suitable for controlling tungsten filament lamp loads), 1 hp, 125V ac, 2 hp, 250V ac, 1/2A, 125V dc, 1/4A, 250V dc.
- Type A-25, spst or spdt, 25A, 125, 250 or 480V ac, 1 hp, 125V ac, 2 hp, 250V ac.
- Type AF20GN*, spdt, 20A, 125, 250 or 480V ac, 10A, 125V ac (suitable for controlling tungsten filament lamp loads), 1 hp, 125V ac, 2 hp, 250V ac, 1/2A, 125V dc, 1/4A, 250V dc.
- Type A2C, spst or dpst, TV-3 or TV-5.
- Special use snap switch, dpst, Cat No A2M-2B81, and A2M-2B81-L, rated 120V ac, TV-8, with pcb type terminal.
- Special use switches, Cat Nos as follows:

Cat No	Rating
C3D	20A, 125V ac/dc; 10A, 250V ac/dc
C3D-T-MS1	15A, 125V ac; 14A, 125V dc
D2DXXOX (Rtg Type D2D-1)(dpst/dt)	16A, 250V ac (100kc)
D2DXXOX (Rtg Type D2D-2)(dpst/dt)	10A, 250V ac (100kc)
D2DXXOX (Rtg Type D2D-3)(dpst/dt)	16A, 250V ac, 3/4 hp, 125V ac, 1-1/2 hp, 250V ac, 6A, 120V dc (all 100kc)
D2D1011 (Rtg Type D2D-1)(dpst)	2A, 40V dc (100 kc); 150mA, 12V dc (10kc)
D2MC-01 (spdt)	0.5A, 125V ac/30V dc
D2MC-5 (spdt)	5A, 125/250V ac
D2S-01 (spst/spdt)	0.1A, 125V ac, 0.1A, 30V dc, 85C.
D2S-5 (spst/spdt)	5A, 125V ac, 3A, 250V ac, 85C.
D2S-10 (spst/spdt)	10.1A, 250V ac, 85C.
D2SW-01X (spst)	0.1A, 125V ac/30V dc
D2SW-3X (spst)	2A, 250V ac; 3A, 125V ac; 3A, 30V dc
D2VW-01 (spst/spdt)	0.1A, 125V ac/30V dc
D2VW-5 (spst/spdt)	3A, 125/250V ac
D2VW-5XHR,-5XMR, -5XMP (spst/spdt)	5A, 125/250V ac
D3M-01 (spst)	0.1A, 30V dc
D3V-21(spst)	20.1A, 250V ac (85°C ambient, 6,000 cycles)
D3V-16 (Std) (spst/spdt)	16A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac, 125C max (6kc), 11A, 250V ac, 5A, 40V dc, 10A, 30V dc, 105C (100kc)

D3V-16 (+G) (spst/spdt)	16A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac, 125C max (6kc)
D3V-11 (Std) (spst/spdt)	11A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac, 125C max (6kc)
D3V-11 (+G) (spst/spdt)	11A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac, 125C max (6kc)
D3V-6 (Std) (spst/spdt)	6A, 125/250V ac, 1/4 hp, 125/250V ac, 125C max (6kc)
D3V-1 (Std) (spst/spdt)	1A, 125V ac, 0.1A, 250V ac, 125C max (6kc)
D3V-01(spst or spdt)	0.1A, 30V dc/125V ac
SS-01 (spst/spdt), SS-01GL13-3 (spst/spdt)	0.1A, 125V ac/30V dc (6/100kc)
SS-1 (spdt/spdt)	1A, 125V ac/30V dc (6/100kc)
SS-5 (spst/spdt)	5A, 125V ac; 3A, 250V ac; 1A, 480V ac (res), 0.4A, 125V dc, 0.2A, 250V dc (6kc) or 3A, 250V ac/30V dc; 5A, 24V dc/30V dc (100kc)
SS-5F (12) (spdt)	5A, 125V ac, 3A, 250V ac, 1A, 480V ac (res), 0.4A, 125V dc, 0.2A, 250V dc, 5A, 30V dc (6kc)
SS-10 (spst/spdt)	10.1A, 125V ac/250V ac, 12V dc; 1/4 hp, 125V ac
SS-10-8 (spst/spdt)	10.1A, 250V ac, 2A, 480V ac, 10.1A, 30V dc, 0.4A, 250V dc (6kc)
SSG-01 (spst/spdt)	0.1A, 125V ac/30V dc
SSG-5 (spst/spdt)	5A, 125V ac; 3A, 250V ac
SSG-5F (spst/spdt)	3A, 250V ac, 3A, 30V dc (all 100kc)
V-01X55 (spst/spdt)	0.1A, 125V ac/30V dc
V-5X55 (spst/spdt)	5A, 125/250V ac
V-10D (spst)	10A, 250V ac

Legend: "X" represents suffixes and further suffixes may be added to denote e.g. actuator type, terminal variations and contact configuration; "Rtg" Rating; "Term" Terminal; "(6/100kc)" 6,000 or 100,000 cycles endurance; "Std" Standard switch; "+G" with suffix G in Item II of nomenclature.

- Type D2C, spst, spdt, 0.1A, 30V dc/125V ac.
- Type D2F, spdt or spst, 3A, 125V ac, 2A, 30V dc (Code A).
- Type D2F-F, spdt or spst, 1A, 125V ac, 0.5A, 30V dc, 100,000 endurance cycle (Code B).
- Types D2F, D2F-01, D2F-S, spdt or spst, 0.1A, 30V dc (Code C).
- Type D2JW with suffixes, spst or spdt, 0.1 A, 30 V dc.
- Type D2MS, spdt or spst, 3A, 250V ac or 5A, 125V ac, 3A, 250V ac.
- Type D2MS-5, spdt or spst, 5A, 250V ac.
- Type D2MS-4, spdt or spst, 1A, 125V ac, 1A, 30V dc.
- Type D2MS-C, spdt or spst, 0.1A, 125V ac, 0.1A, 30V dc.
- Type D2MV, spst or spdt, Types D2MV-01, 0.1A, 125V ac, 0.1A, 30V dc, D2MV-1, 1A, 125V ac, 1A, 30V dc, D2MV-3, 3A, 125 or 250V ac, D2MV-5, 5A, 125 or 250V ac, D2MV-10, 10.1A, 125 or 250V ac.
- Type DZ-10G, dpdt, dpst, max rating 10A, 125 or 250V ac, 2A, 480V ac, 1/8 hp, 125V ac, 1/4 hp, 250V ac, 1/2A, 125V dc, 1/4A, 250V dc.
- Type K, spst or spdt, 5A, 125V ac, 3A, 250V ac; K...443, K...-S, 3A, 125V ac, 2A, 250V ac, K...-1, 1A, 125V ac, 1A, 30V dc.

- Type J-7 Series, spst, spdt, 7A, 125-250V ac.
- Types L-1A, spdt; L-2A, L-3A, spst, 10A, 125 or 250V ac.
- Series L, Cat No L-2C2-2 has no stationary contact button, 1A, 125V ac, 0.1A, 250V ac; Cat No L-2C2 has stationary contact button, 0.1A, 250V ac; Cat No L-2C2-AS2, 1A, 125/250V ac; Cat No L-3C2-2 has no stationary contact button, 0.1A, 30V dc, 0.08A, 40V dc; Cat No L-3C2 has stationary contact button, 0.1A, 30V dc; Cat No L-3C2-F has stationary contact button 0.1A, 30V dc.
- Type HPA or NPA, spst, 20A, 125V ac, 15A, 250V ac.
- Types S-1A, spdt or spst; S-2A, -3A, 5A, 125 or 250V ac.
- Type S-5, spdt or spst, 5A, 125 or 250V ac.
- Type SDW-5-C, dpdt, 5A, 125V ac, 3A, 125V ac.
- Types SSL, SSL08, spst or spdt, 5A, 125V ac, 3A, 250V ac.
- Type SSL- with Suffix U, spst or spdt, 1A, 125V ac, 1A, 30V dc.
- Types SSL- with Suffix C, spst or spdt, 0.1A, 125V ac, 0.1A, 30V dc.
- Type V-01, spdt or spst, 0.1A, 125V ac, 0.1A, 30V dc.
- Types V-1, -2, -3, spdt or spst: 15A, 125-480V ac, 1/3 hp, 250V ac. 15A, 125-250V ac, 1/3 hp, 125-250V ac, 0.6A, 125V dc, 0.3A, 250V dc. 12A, 125-250V ac, 1/3 hp, 125-250V ac, 0.6A, 125V dc, 0.3A, 250V dc. 10A, 125-250V ac, 1/3 hp, 125-250V ac, 0.6A, 125V dc, 0.3A, 250V dc. 10A, 125-250V ac, 1/4 hp, 125V ac, 0.6A, 125V dc, 0.3A, 250V dc. 8A, 125-250V ac, 1/4 hp, 125V ac, 0.6A, 125V dc, 0.3A, 250V dc. 5A, 125-250V ac, 1/4 hp, 125-250V ac, 0.6A, 125V dc, 0.3A, 250V dc. 5A, 125-250V ac. 3A, 125-250V ac, 2A, 125-250V ac, (100,000 cycles). 1A, 125V ac, 0.1A, 250V ac.
- Type V-1, spdt or spst, 1A, 125V ac.
- Type V-5, spst or spdt: 5A, 125-250V ac. 5A, 125-250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/4 hp, 125V ac. 8A, 125-250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/4 hp, 125V ac. 5A, 125/250V ac, (100,000 cycles).
- Type V-15-XX8, spdt or spst, 15A, 125-250V ac, 0.1A, 125V dc, 0.6A, 125V dc, 0.3A, 250V dc, 1/3 hp, 125-250V ac.
- Type V-21357-1C6, spdt or spst, 21A, 1/2 hp, 125/250V ac, (16A, 250V ac, 5A, 40V dc, 100,000 cycles), 0.6A, 125V dc, 0.3A, 250V dc.
- Types V-01G55, V-01G55W, spst or spdt, 0.1A, 125V ac, 0.1A, 30V dc.
- New thermoplastic (NTP), and new thermosetting (NTS) types, spst or spdt, Series as follows:
 - V-01 Standard (NTP & NTS), 0.1A, 125V ac/30V dc.
 - V-01-3A6-M (NTS), 0.1A, 125V ac/30V dc.
 - V-1XG (NTP), 1A, 125/250V ac.
 - V-3 (NTP & NTS), 3A, 125/250V ac (2A, 250V ac for 100kc).
 - V-5X2 (NTS), 5A, 125/250V ac (3A, 250V ac for 100kc).
 - V-5X3 (or 4) (NTS), 5A, 125/250V ac, 1/4 hp, 125/250V ac (3A, 250V ac for 100kc).
 - V-6X2 (NTP), 3A, 125/250V ac (3A, 250V ac for 100kc).
 - V-6X3 (or 4) (NTP), 6A, 125/250V ac, 1/4 hp, 125/250V ac (3A, 250V ac for 100kc).
 - V-10X3 (NTS), 10A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/3 hp, 125/250V ac (5A, 250V ac for 100kc).
 - V-10X4 (or 5) (NTS), 10A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac (5A, 250V ac for 100kc).
 - V-10XGX3 (NTS), 10A, 125/250V ac, 0.1A, 125V dc, 1/3 hp, 125/250V ac (5A, 250V ac for 100kc).
 - V-10XGX4 (or 5) (NTS), 10A, 125/250V ac, 0.1A, 125V ac, 1/2 hp, 125/250V ac (5A, 250V ac for 100kc).
 - V-11X3 (NTP), 11A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/3 hp, 125/250V ac (6A, 250V ac for 100kc).
 - V-11X4 (or 5) (NTP), 11A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac

(6A, 250V ac for 100kc).

V-11XGX3 (NTP), 11A, 125/250V ac, 0.1A, 125V dc, 1/3 hp, 125/250V ac (6A, 250V ac for 100kc).

V-11XGX4 (or 5) (NTP), 11A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac, (6A, 250V ac for 100kc).

V-15 Standard (NTS), 15A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac (10A, 250V ac, 5A, 40V dc for 100kc).

V-15XG (NTS), 15A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac (10A, 250V ac, 5A, 40V dc for 100kc).

V-15XMK (NTS), 15A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 12A, 30V dc, 1/2 hp, 125/250V ac.

V-15XIN (NTS), 15A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 12A, 30V dc, 2 hp, 250V ac, 1 hp, 125V ac.

V-15-3A6-IN (NTS), 15A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 12A, 30V dc, 18A, 12V dc, 2 hp, 250V ac, 1 hp, 125V ac.

V-16 Standard (NTP), 16A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac, 6A, 30V dc (11A, 250V ac, 5A, 40V dc, 10A, 30V dc for 100kc).

V-16XG (NTP), 16A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac (11A, 250V ac, 5A, 40V dc for 100kc).

V-16XGXE (NTP), 16A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac (16A, 250V ac for 100kc).

V-16XIN (NTP), 16A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 12A, 30V dc, 2 hp, 250V ac, 1 hp, 125V ac.

V-16XMF (NTP), 5A, 480V ac, 16A, 250V, 0.6A, 125V dc, 0.3A, 250V dc, 10A, 30V dc.

V-16XSH (NTP), 11A, 250V ac, 8A, 30V dc for 100kc.

V-16XL (NTP), 16A, 125/250V ac; 0.6A, 125V dc; 0.3A, 250V dc; 1/2hp, 125V ac; 1/2hp, 250V ac.

V-16XGXL (NTP), 16A, 125/250V ac; 0.1A, 125V dc; 1/2hp, 125V ac; 1/2hp, 250V ac.

V-21 Standard (NTP), 21A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 1/2 hp, 125/250V ac, 12A, 30V dc (16A, 250V ac, 5A, 40V dc for 100kc).

V-21XG (NTP), 21A, 125/250V ac, 0.1A, 125V dc, 1/2 hp, 125/250V ac (16A, 250V ac, 5A, 40V dc for 100kc).

V-21XIN (NTP), 21A, 125/250V ac, 0.6A, 125V dc, 0.3A, 250V dc, 2 hp, 250V ac, 1 hp, 125V ac (16A, 250V ac, 5A, 40V dc for 100kc).

- Types VL11, VL105, spdt or spst, 5A, 125-250V ac.
- Type VL12, spdt or spst, 10A, 125-250V ac.
- Type VL16, spdt or spst, 15A, 125-250V ac.
- Type VN-10, spdt, 10A, 125V ac, 6A, 250V ac, 1/2A, 125V dc, 1/4A, 250V dc.
- Type VV-S, spst or spdt, 5A, 125-250V ac.
- Type VV-S-01, spdt or spst, 0.1A, 30V dc, 0.1A, 125V ac.
- Type VV-5, spdt or spst, 5A, 125 or 250V ac.
- Type VV-15, spdt or spst, 10A, 125 or 250V ac, 1/2A, 125V dc, 1/4A, 250V dc.
- Type W-10, two-circuit, double-break, 10A, 125 or 250V ac, 1/2 hp, 125V ac, 1 hp, 250V ac, 0.8A, 125V dc, 0.4A, 250V dc.
- Type W-10FB3-N, two-circuit, double-break, 10A, 125, 250 or 480V ac, 1/2 hp, 125V ac, 1 hp, 250V ac, 0.8A, 125V dc, 0.4A, 250V dc, 0.1A, 600V dc.
- Type W-10FB3, two-circuit, double-break, 10A, 125, 250 or 480V ac, 1/2 hp, 125V ac, 1 hp, 250V ac, 0.1A, 125 or 250V ac, 0.1A, 30V dc, 0.8A, 125V dc, 0.4A, 250V dc, 0.1A, 600V dc.
- Type WL*, 10A, 125, 250 or 480V ac, 1/2 hp, 125V ac, 1 hp, 250V ac, 0.1A, 125 or 250V ac, 0.1A, 30V dc, 0.8A, 125V dc, 0.4A, 250V dc, 0.1A, 600V dc, with neon lamp (-1E), 10A, 125/250V ac, (-2L), 5A, 125/250V ac with LED lamp (-LD1), 10A, 125V dc, (-LD2), 6A, 24V dc, (-LD3), 6A, 24V dc, (-LD4), 3A, 48V dc.

- Type X-10G, spst or spdt, 10A, 125V dc, 3A, 250V dc.
- Type Z-01, spdt, 0.1A, 125V ac, 0.1A, 30V dc.
- Type Z-5 with suffixes, spst or spdt, 5 A, 125 or 250 V ac, 0.5 A, 125 V dc, 0.25 A, 250 V dc.
- Type Z-10FY-B, spdt, two-circuit, 10A, 125, 250 or 480V ac, 1A, 125V dc, 0.6A, 250V dc, 1/8 hp, 125V ac, 1/4 hp, 250V ac.
- Type Z-10G Series, spdt, 10A, 125V ac/250V ac; 1/2A/125V dc, 1/4A/250V dc.
- Type Z-10 with suffixes, spdt or spst, 10 A, 250 V ac, 0.5 A, 125 V dc, 0.25A, 250 V dc.
- Types Z-15G, Z-15G55, Z-15ER, Z-15GQA55-B5V (drip-proof), spdt, 15A, 125, 250 or 480V ac, 1/2A, 125V dc, 1/4A, 250V dc, 1/8 hp, 125V ac, 1/4 hp, 250V ac.
- Type LV-3H, spdt or spst, 3A, 125 or 250V ac.
- Types Z-15, spdt or spst, 15A, 125, 250 or 480V ac, 1/2A, 125V dc, 1/4A, 250V dc, 1/8 hp, 125V ac, 1/4 hp, 250V ac.
- Type ZL-15G, spdt, 15A, 125, 250 or 480V ac, 1/2A, 125V dc, 1/4A, 250V dc.
- Cat No VX5 with additional suffix numbers and/or letters, spst or spdt, 5A, 125/250V ac (100,000 cycles); VX01 with additional suffix numbers and/or letters, spst or spdt, 0.1A, 125V ac/30V dc (100,000 cycles).
- Cat No SSN-5 with suffixes, spdt, 5A, 125V ac, 3A, 250V ac; 3A, 250V ac/30V dc (100,000 operations).
- Cat No SSN-01, spdt, 0.1A, 125V ac, 0.1A, 30V dc; 0.1A, 125V ac/30V dc (100,000 operations).
- Television switches, 120V ac. Single-pole: 1A (TV-1), Types K1, K-F1, K-S1, K-4431, LV-3H-1A1, V-1A441, V-5-1A441. 2A (TV-2), Types K-F2, K-2, S-5G2, -5H2, SS-52, LV-3H-1A2, V-1A442, V-5-1A442. 3A (TV-3), Types L-1A3, L-2A3, L-3A3. 4A (TV-4), Types V-1A4, V-1A104, V-1A1064, V-10-1A4, V-10-1A64, V-15-1A4. 5A (TV-5), Type V-15-1A5, V-1A5, V-1A105, V-10-1A5, V-10D-3A5.
- Special-use snap switches, Type SS-1...55, spst, 1A, 125V ac, 1A, 30V dc.
- Pushbutton switches, Type A8A (with suffixes), open type, lighted and non-lighted, rated: 16A max, 250V ac max.
- Pushbutton switches, Type A8C (with suffixes), open type, 1- and 2-pole, single throw contacts, rated 15A, 125V ac, 8A, 250V ac; Type A8CA (with suffixes), rated 12A, 125V ac, 8A, 250V ac; Type A8CB (with suffixes), rated 6A, 125V ac, 4A, 250V ac.
- Series DZT(dpst):

Terminal	Ratings	No of cycles of endurance
1-2	5A, 125/250V ac	6,000
	1A, 30V dc	100,000
3-4	0.1A, 125V ac	6,000 or 100,000
	0.1A, 30V dc	100,000

Notes:

1. *The switches are provided with metal enclosures.
2. Suffix numerals and/or letters may be added to indicate the type of actuator, contact arrangement, type of terminals, contact separation, etc.
3. **Indicates suitable for use only on portable electric tools and appliances.
4. These are Certified only for supply to manufacturers for the assembly, as components, of equipment where the suitability of the combination is determined in the end use.

TO THE REQUIREMENTS OF CSA STD. C22.2 NO 156-M1987:

- Speed control trigger switches, Series C3MA, dpst, rated 8A, 125V ac; 6A, 250V ac(55°C);

Series C3MA-1, dpst, rated 8A, 125V ac.

Note: These switches are Certified only for supply to manufacturers for the assembly, as components, of Certified electrical equipment where the suitability of the combination is determined by the Canadian Standards Association.

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