

4

3

2

1

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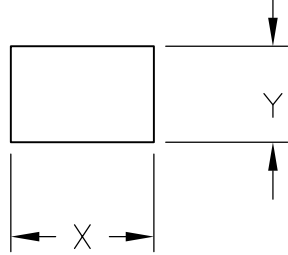
By

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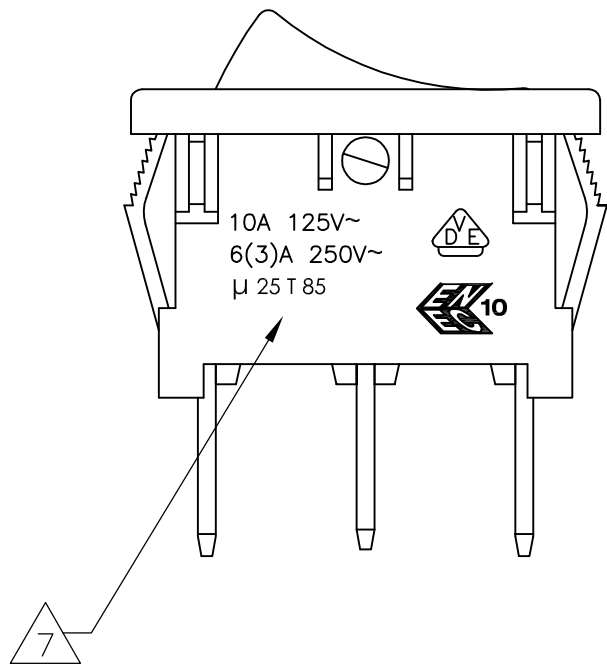
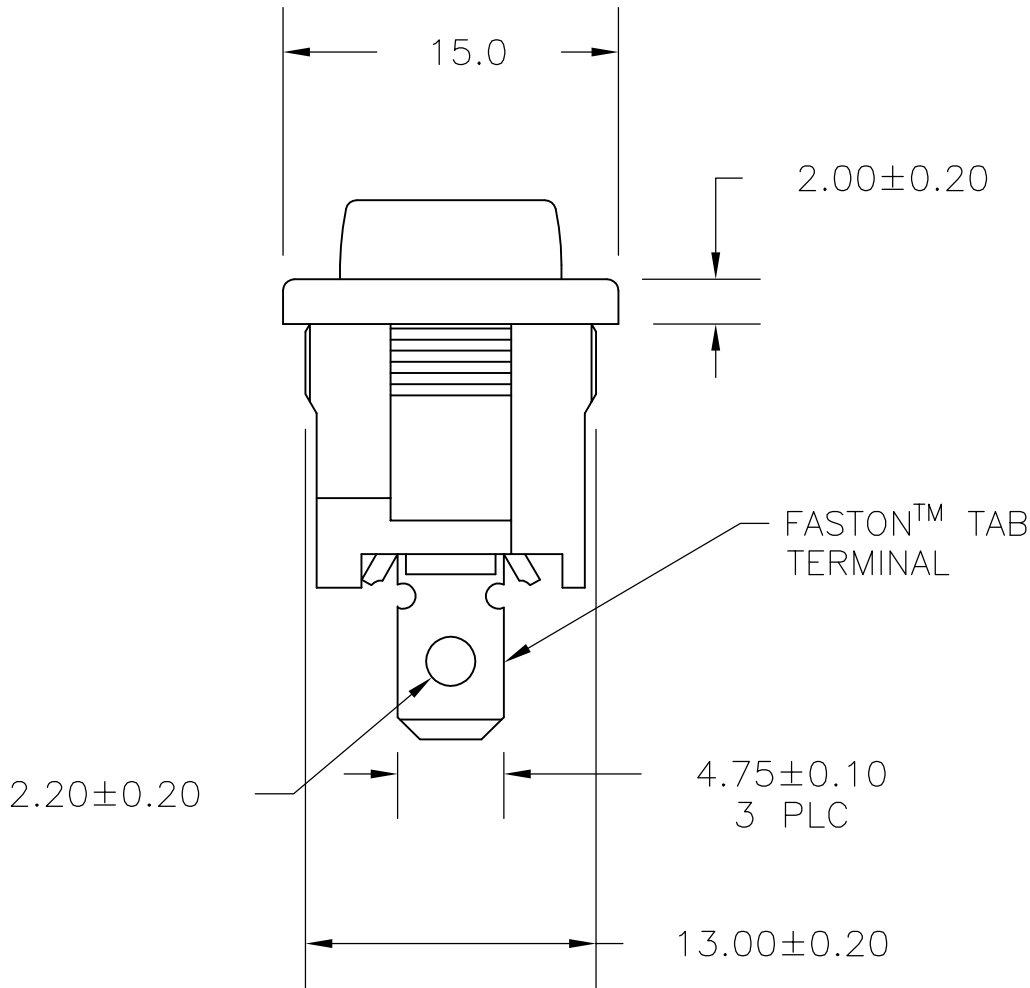
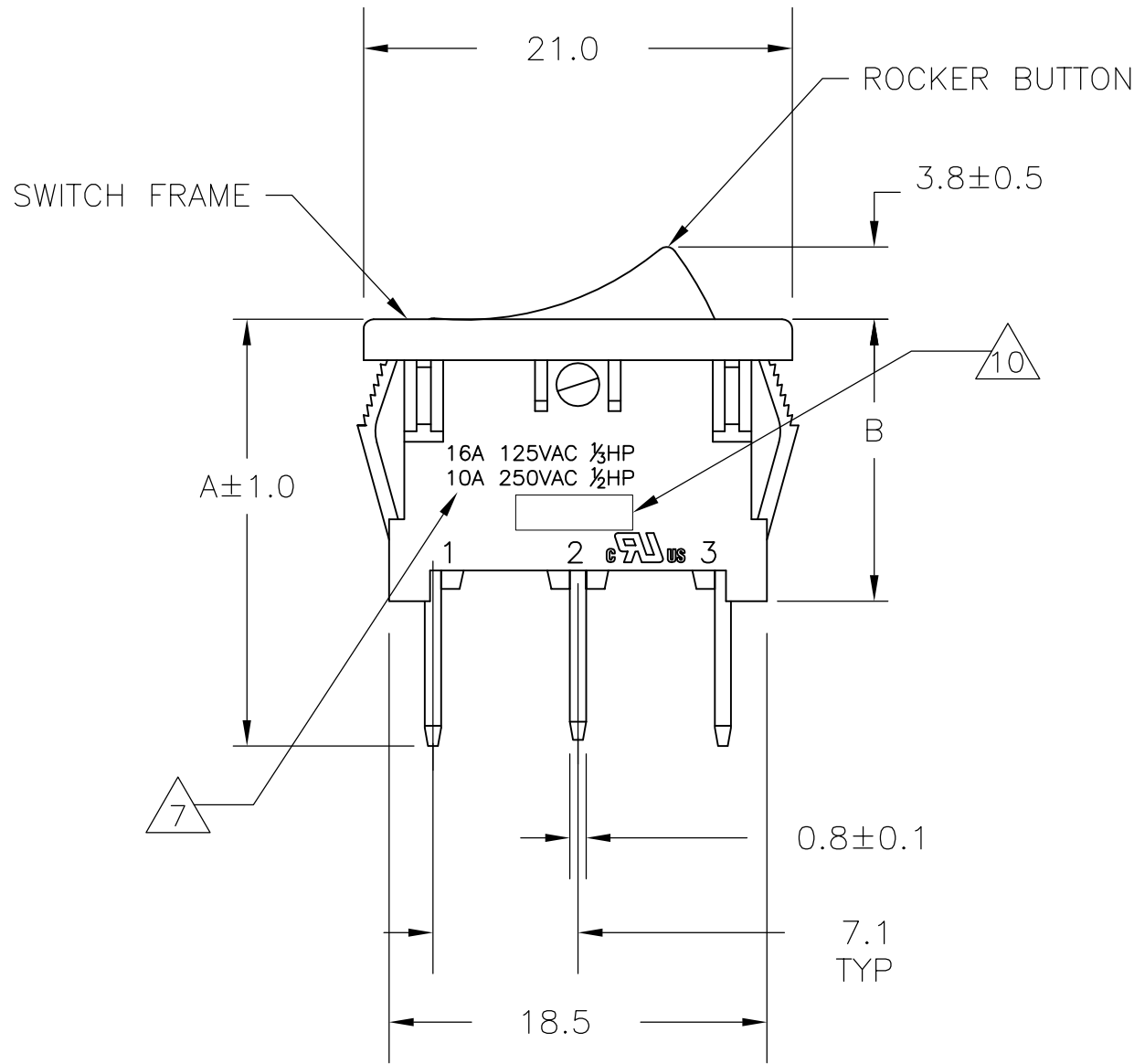
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	L1	REVISED PER ECO-11-004820	11MAR11	RK	HMR
	L2	REVISED PER ECO-16-017354	03MAR2017	RK	AS

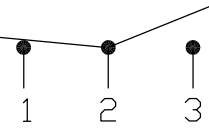
PANEL CUT OUT



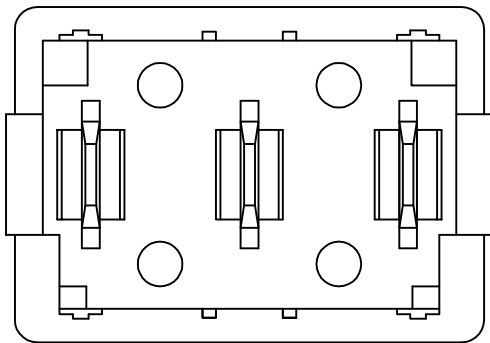
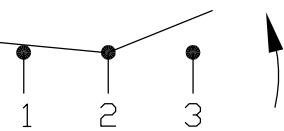
2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION D1
CIRCUIT DIAGRAM



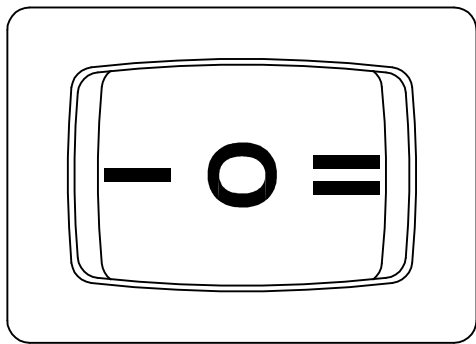
SWITCH FUNCTION D2
CIRCUIT DIAGRAM



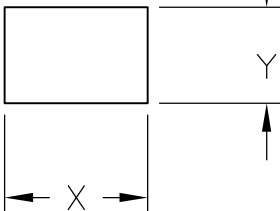
OBSOLETE—1571079—5—SHOWN
(TWO ROCKER BUTTON POSITIONS)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	TE Connectivity		
DIMENSIONS: mm		CHK J.MOSIER			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —	NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED		
0 PLC ± — 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± — 4 PLC ± — ANGLES ± — FINISH		PRODUCT SPEC NOT APPLICABLE APPLICATION SPEC NOT APPLICABLE	SIZE A2		
MATERIAL 1		WEIGHT 0	CAGE CODE 00779		DRAWING NO. 1571079
CUSTOMER DRAWING			SCALE 3:1	SHEET 1 of 3	REV L2

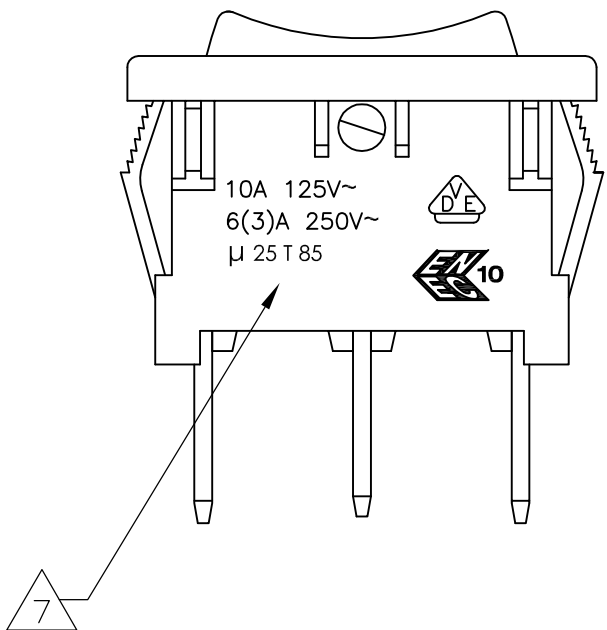
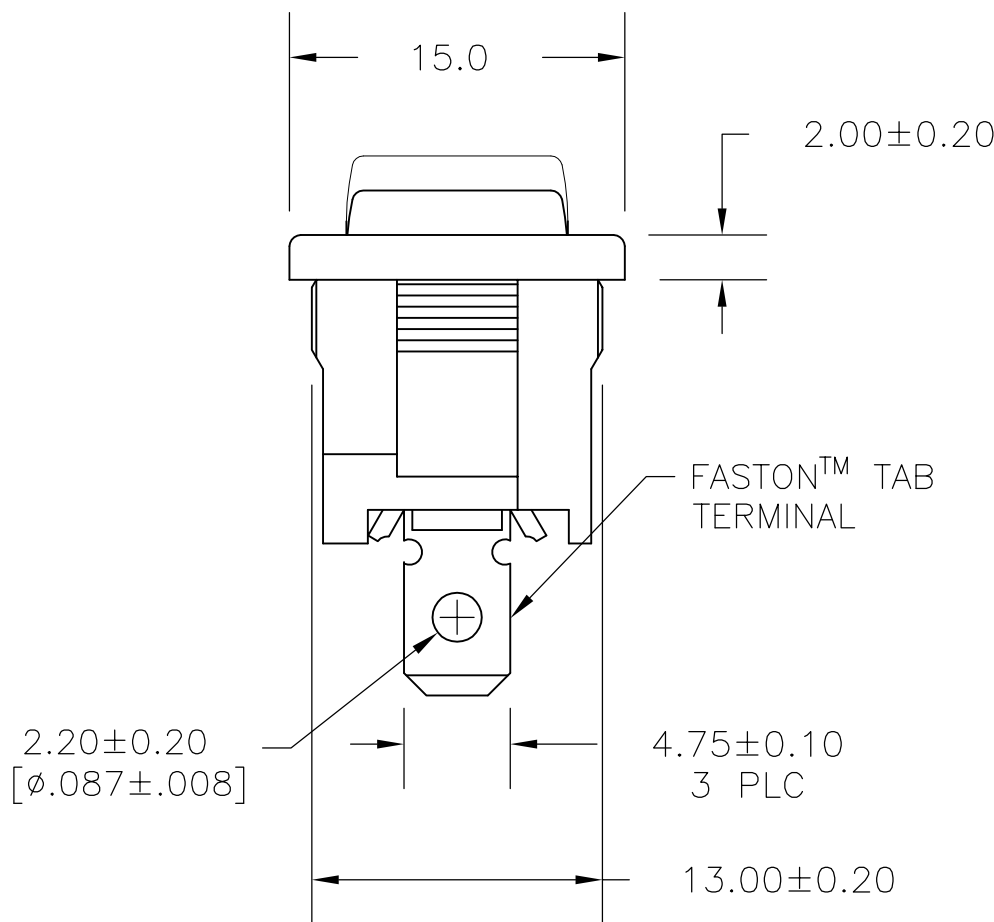
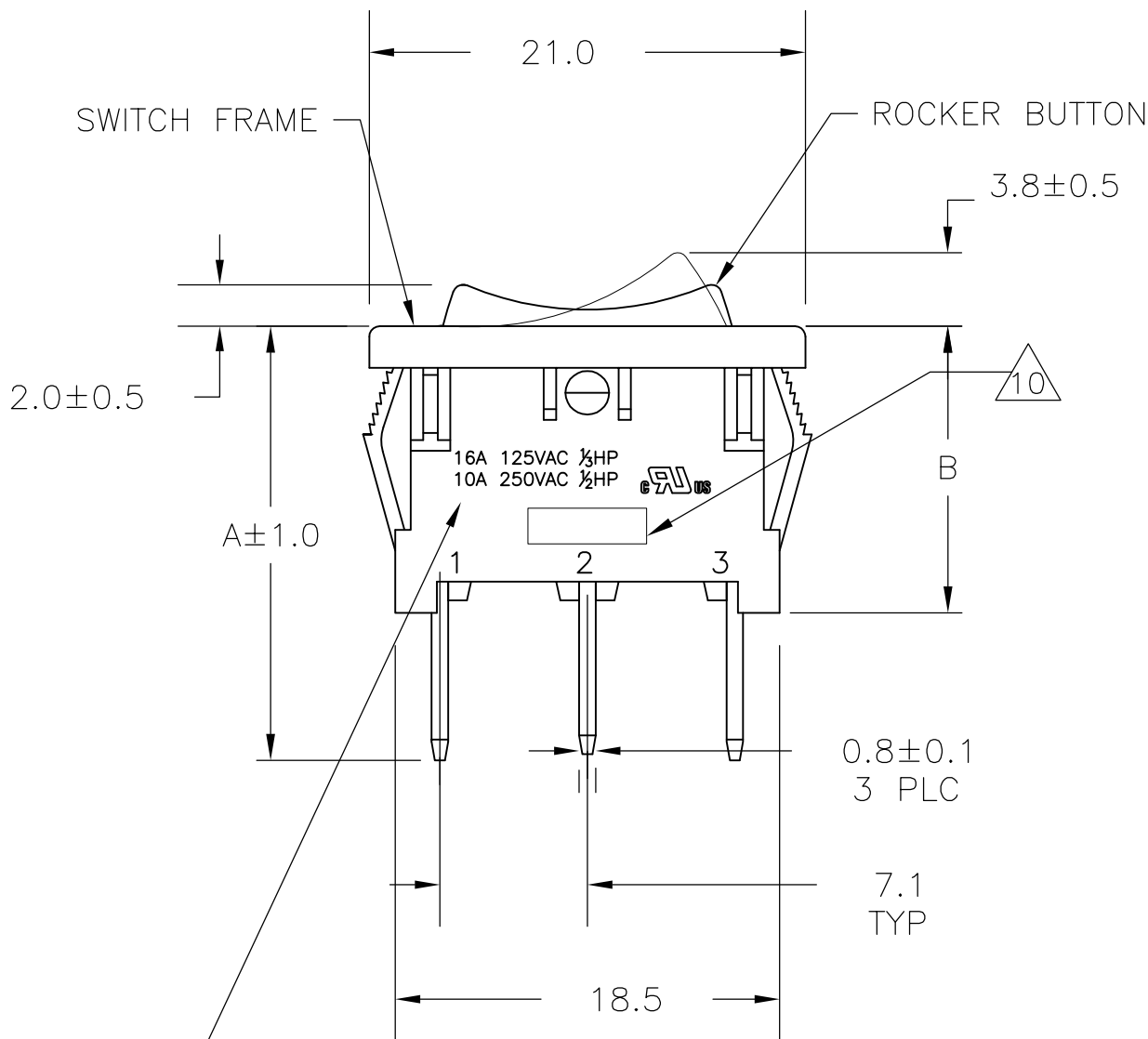
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



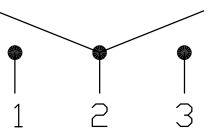
PANEL CUT OUT



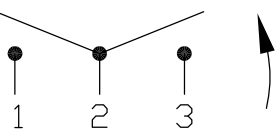
2.00–3.00	19.8–0.1	13.0+0.1
1.25–2.00	19.4–0.1	13.0+0.1
0.75–1.25	19.2–0.1	13.0+0.1
PANEL THICKNESS	X	Y



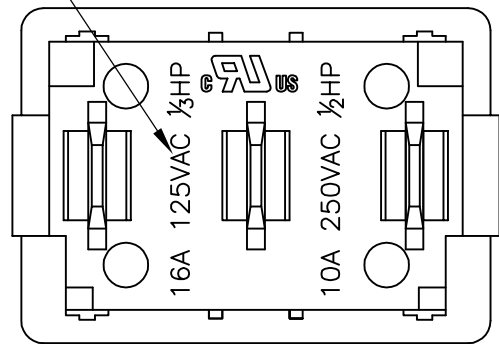
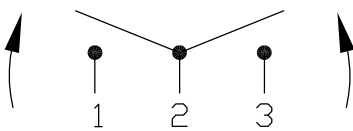
SWITCH FUNCTION D3
CIRCUIT DIAGRAM



SWITCH FUNCTION D4
CIRCUIT DIAGRAM



SWITCH FUNCTION D5
CIRCUIT DIAGRAM



1–1571079–4 SHOWN
(THREE ROCKER BUTTON POSITIONS)

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DIMENSIONS: mm		CHK J.MOSIER			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —	NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED		
0 PLC ± — 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± — 4 PLC ± — ANGLES ± — FINISH		PRODUCT SPEC NOT APPLICABLE APPLICATION SPEC NOT APPLICABLE	SIZE A2		
MATERIAL		WEIGHT —	CAGE CODE 00779	DRAWING NO. 1571079	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 3:1	SHEET 2 OF 3	REV L2

THIS DRAWING IS UNPUBLISHED.

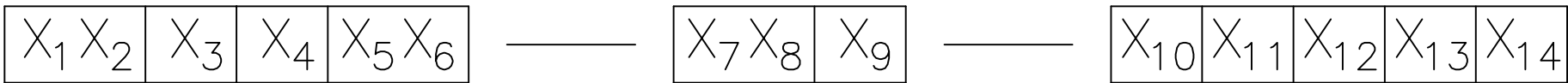
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

ALCOSWITCH PART NUMBER



SWITCH TYPE: X₁X₂ = PR — POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X₃ = A — 13.0x19.2

NUMBER OF POLES: X₄ = S — SINGLE

SWITCH FUNCTION: X₅X₆ = D1 — ON–ON WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON
D2 — ON–(ON) WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON
D3 — ON–OFF–ON WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON
D4 — ON–OFF–(ON) WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON
D5 — (ON)–OFF–(ON), WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON

CURRENT RATING: X₇X₈ = 16 — △6

TERMINAL TYPE: X₉ = E — FASTON™ TAB
L — SOLDER LUG

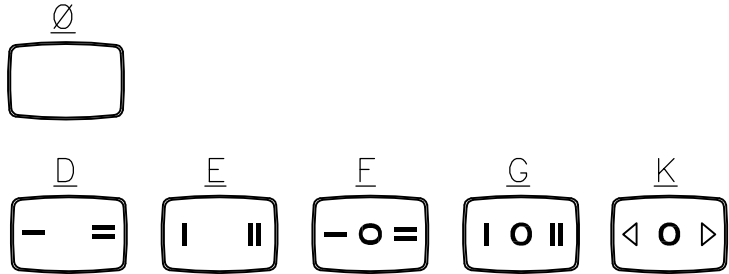
FRAME COLOR: X₁₀ = B — BLACK
W — WHITE

ROCKER COLOR: X₁₁ = B — BLACK
G — GREEN
R — RED
W — WHITE

SECONDARY ROCKER COLOR: X₁₂ = Ø — NOT APPLICABLE

B — BLACK
G — GREEN
R — RED
W — WHITE

LEGEND TEXT PATTERN: X₁₃ =



LEGEND TEXT COLOR: X₁₄ = Ø — NOT APPLICABLE

G — GREEN
R — RED
B — BLACK
W — WHITE

1

MATERIALS:

ROCKER BUTTON & HOUSING FRAME: NYLON 66, UL 94 V–2.
TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M
PLUNGER: COPPER ALLOY PER ASTM B036
PHENOLIC, UL94V1(SWITCH FUNCTION D5 ONLY)
SPRING: STEEL WIRE PER ASTM A228/A228M
CONTACT: SILVER–TIN OXIDE

6

UL: 16A@125VAC ⅓HP / 10A@250VAC ½HP
ENEC: 10A 125V~, 6(3)A 250V~, μ25T85

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS,MOLDED APPROXIMATELY AS SHOWN ON THE SIDE AND/OR BOTTOM SURFACE(S) OF THE SWITCH HOUSING.

2

FINISH:

TERMINAL, ACTIVE CONTACTOR: 1.0μm MIN SILVER
COPPER ALLOY PLUNGER: 3.0μm MIN NICKEL

3

ELECTRICAL SPECIFICATIONS:

CURRENT AND VOLTAGE: △6
CONTACT RESISTANCE (INITIAL): <100mΩ(5V, 1A DC)
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100MΩMIN (500VDC BETWEEN OPEN CONTACTS)
INRUSH CURRENT: 50A / 3msec (CAPACITIVE LOAD)
ELECTRICAL LIFE ENDURANCE: >6000 OPERATIONS, VOLTAGE DROP: <100mV
TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS (AMBIENT CONDITIONS: 25±2°C AND 65±5%R.H)

8

COMPONENT RECOGNIZED TO US & CANADIAN STANDARDS, UL FILE NO. E46765.

9

COMPONENT RECOGNIZED TO EUROPEAN STANDARDS (ENEC, PENDING VDE). MARKS LICENSE No. 40006757

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TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN PER TEC 202–36

	16.5	23.5	2	PRASD5–16F–BB0KW	1–1571079–6
OBSOLETE	16.5	23.5	2	PRASD4–16F–BB0GW	1–1571079–5
	16.5	23.5	2	PRASD4–16F–BB0FW	1–1571079–4
	16.5	23.5	2	PRASD4–16F–BB000	1–1571079–3
	13.8	20.9	1	PRASD2–16F–BB0EW	1–1571079–2
	13.8	20.9	1	PRASD2–16F–BB0DW	1–1571079–1
	13.8	20.9	1	PRASD2–16F–BB000	1–1571079–0
	16.5	23.5	2	PRASD3–16F–BB0GW	1571079–9
OBSOLETE	16.5	23.5	2	PRASD3–16F–BB0FW	1571079–8
	16.5	23.5	2	PRASD3–16F–BB000	1571079–7
OBSOLETE	13.8	20.9	1	PRASD1–16F–BB0EW	1571079–6
OBSOLETE	13.8	20.9	1	PRASD1–16F–BB0DW	1571079–5
	13.8	20.9	1	PRASD1–16F–BB000	1571079–4
	B	A	SHEET REF.	ALCOSWITCH PART NUMBER	PART NUMBER

4

MECHANICAL SPECIFICATIONS:

ACTUATING FORCE: 150g MIN, 650g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION STRENGTH: >2.5kg– SOLDER LUG
>6.8kg– FASTON TAB

5

ENVIRONMENTAL SPECIFICATIONS:

AMBIENT TEMPERATURE: –20°C TO +85°C
HUMIDITY: MAX 85%
SALT SPRAY: NO REMAKABLE RUST IN METAL PARTS. (5%SALT / 35°C 24HRS)
SHOCK: NO MECHANICAL DEFECT OR DAMAGE. (100g / 10MSEC/ X,Y,Z 3 TIMES)
VIBRATION: NO MECHANICAL DEFECT OR DAMAGE. (10–55Hz /1.5mm/ X,Y,Z 2HRS)

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC NOT APPLICABLE	NAME	POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPDT, 3 TERMINALS, NON–ILLUMINATED	
	0 PLC ± — 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± — 4 PLC ± — ANGLES ± —	APPLICATION SPEC NOT APPLICABLE	SIZE	CAGE CODE	DRAWING NO
MATERIAL	FINISH	WEIGHT	A2	00779	1571079
CUSTOMER DRAWING			SCALE	SHEET	REV
			3:1	3 of 3	L2