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LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
		E1		REVISED PER ECO-10-005254	19MAR10	HMR NE

D

C

B

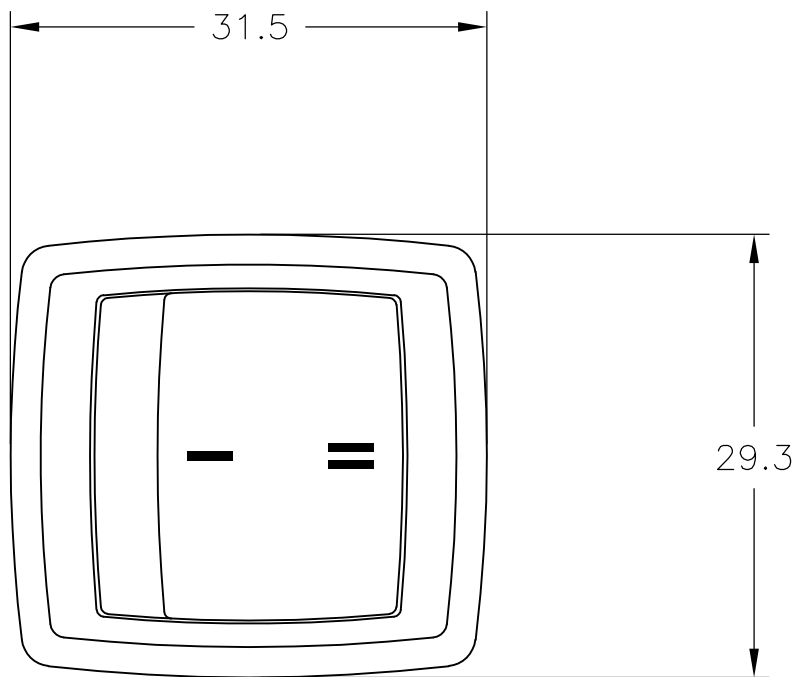
A

D

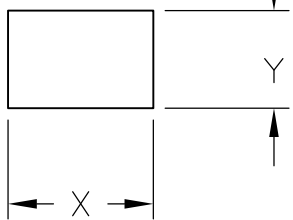
C

B

A



PANEL CUT OUT

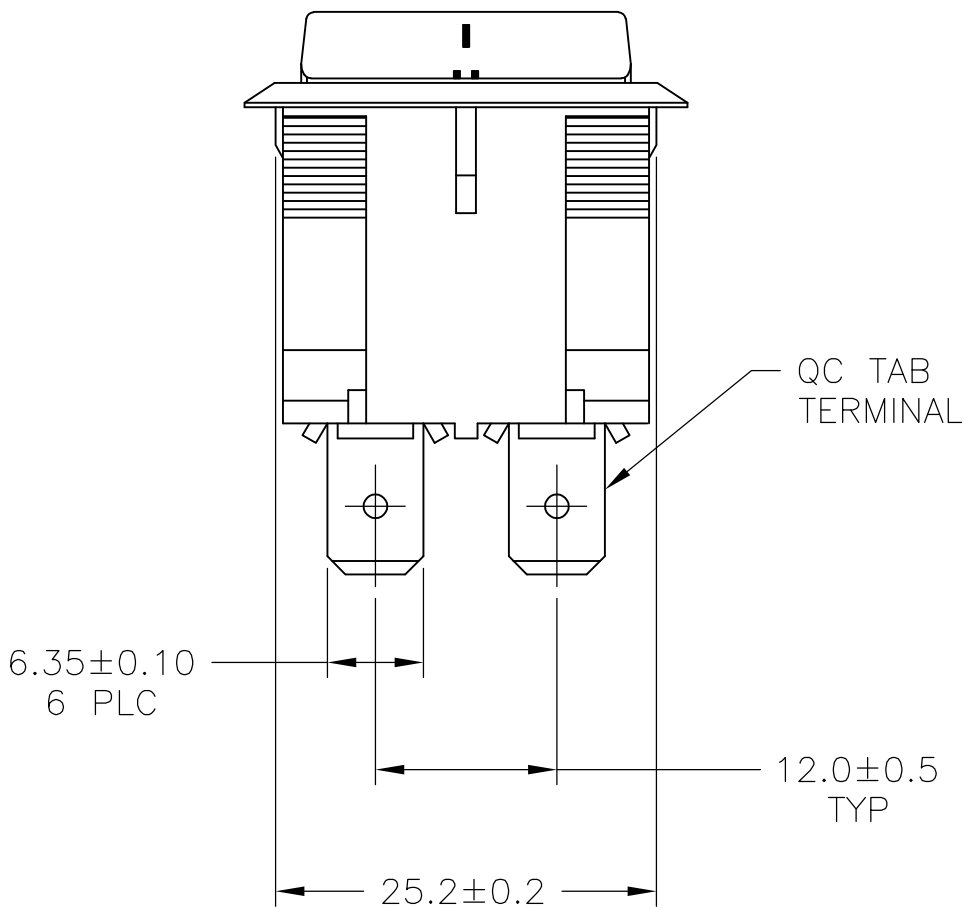
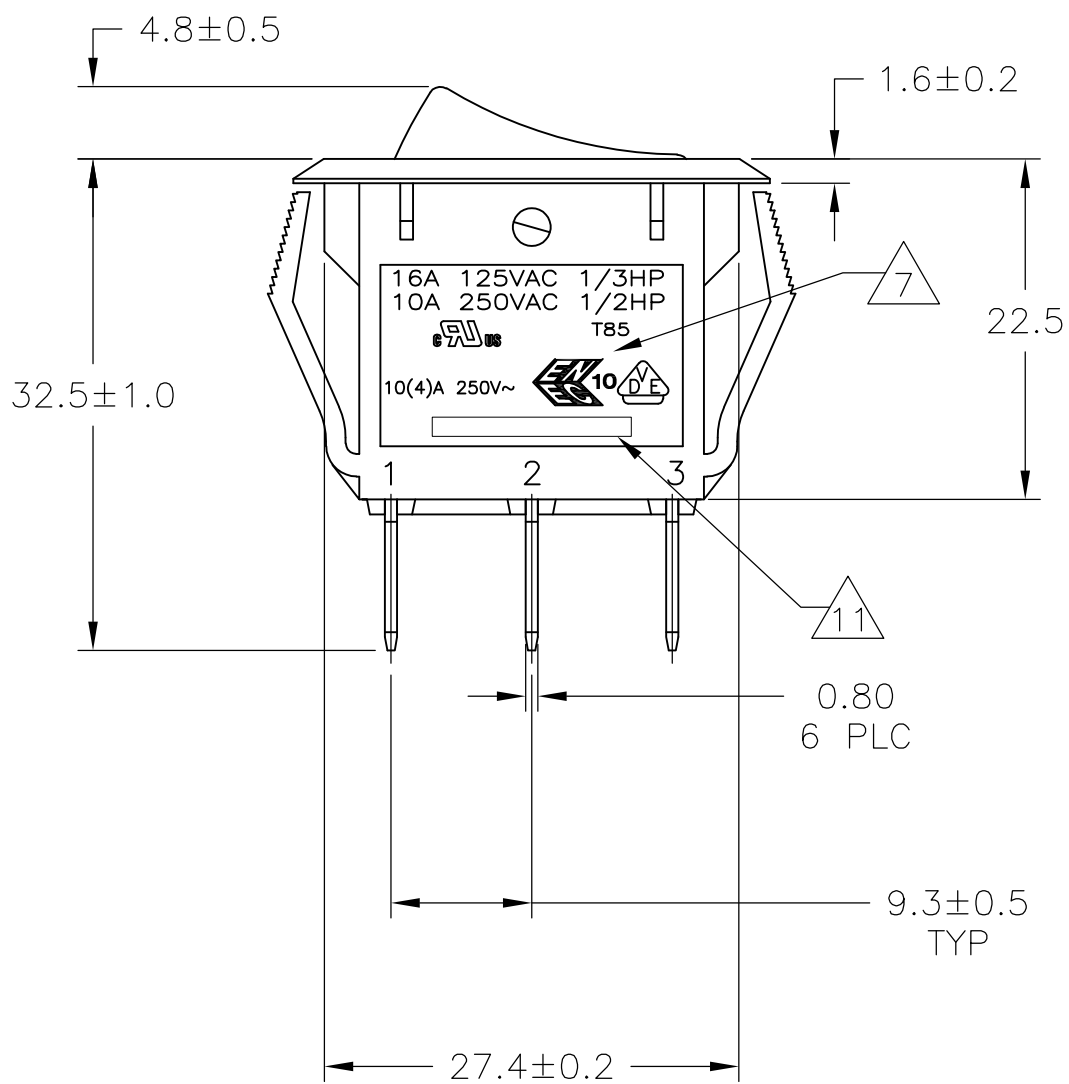
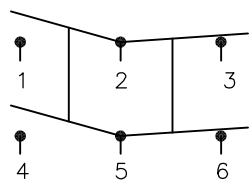


5.00-6.30	28.6-0.1	25.4+0.1
3.00-5.00	28.0-0.1	25.4+0.1
0.75-3.00	27.6-0.1	25.4+0.1
PANEL THICKNESS	X	Y

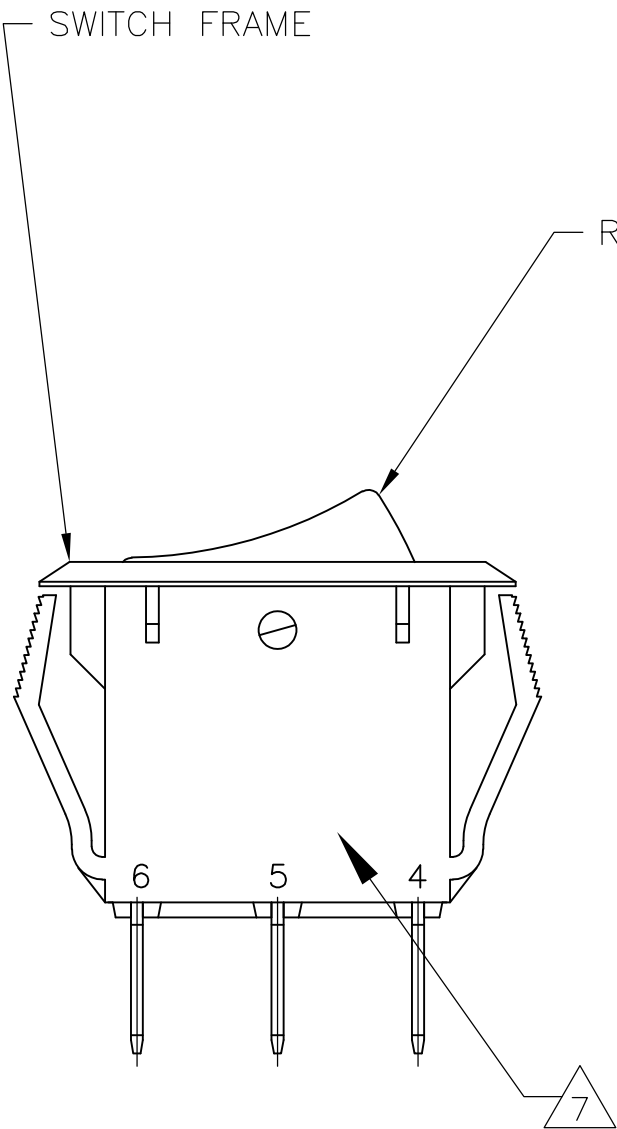
SWITCH FRAME

ROCKER BUTTON

SWITCH FUNCTION D1
CIRCUIT DIAGRAM



QC TAB
TERMINAL

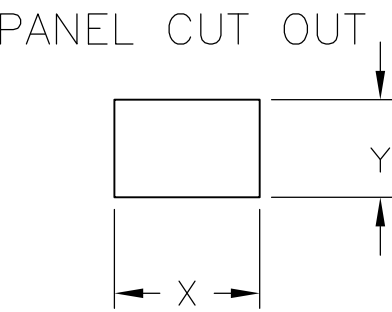
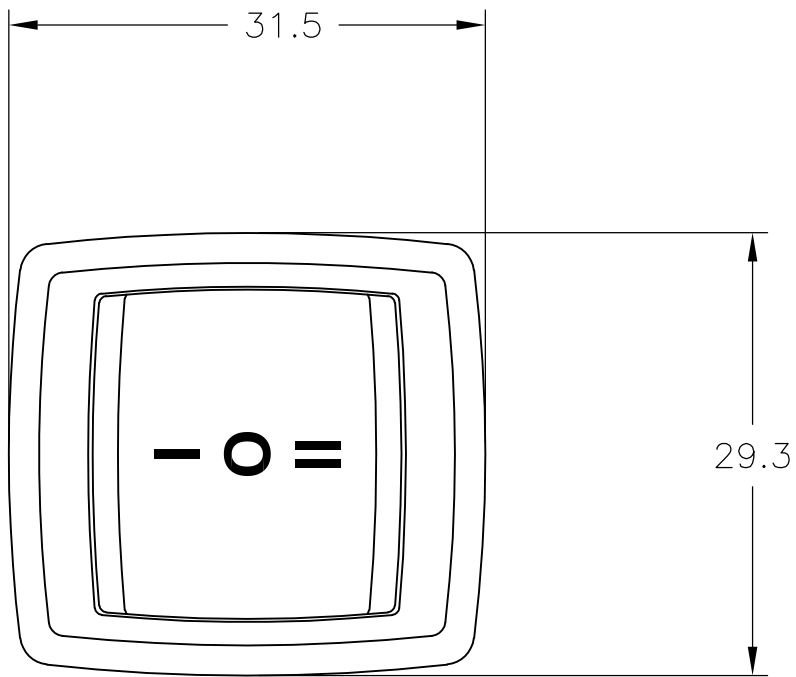


1571113-2 SHOWN

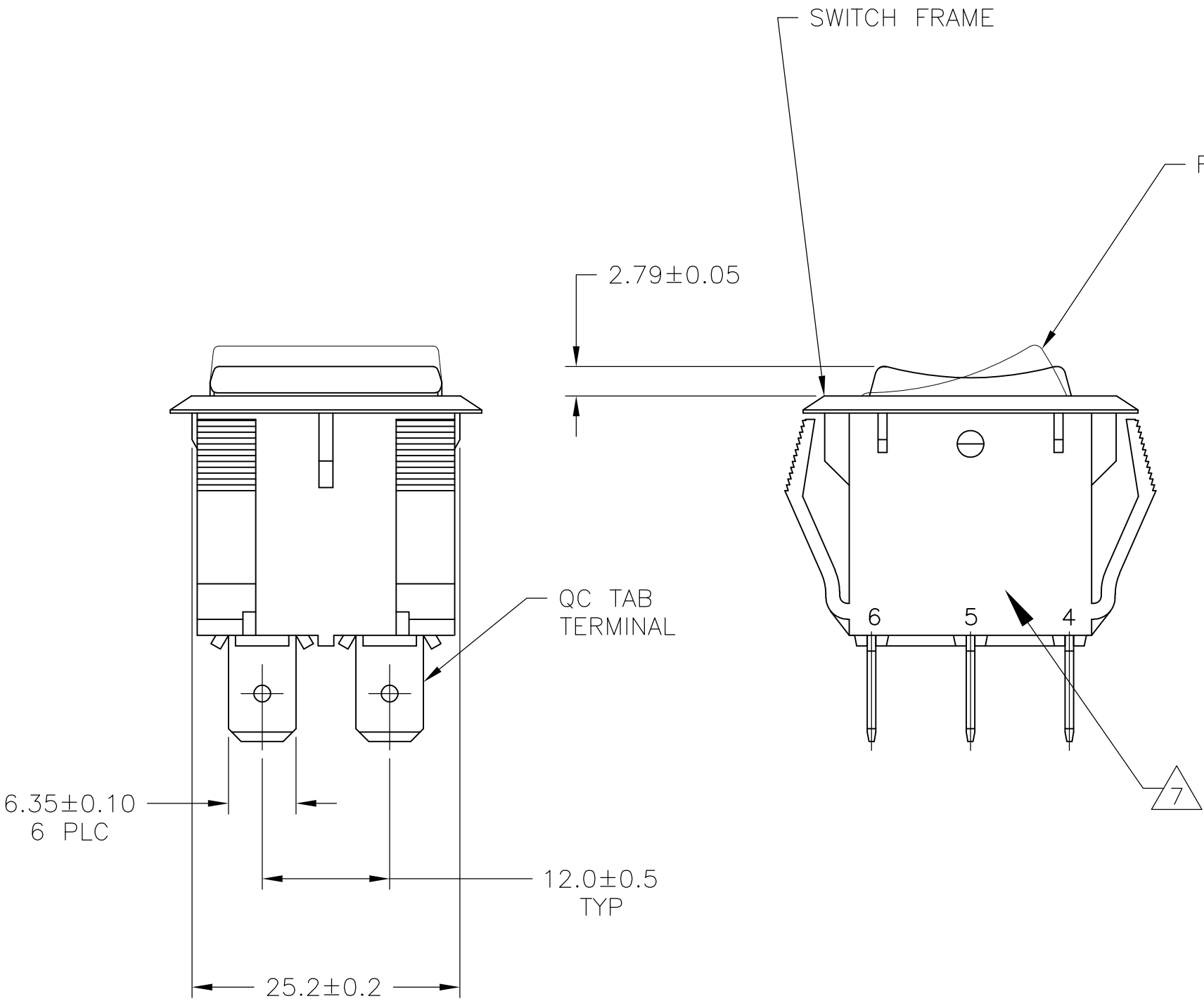
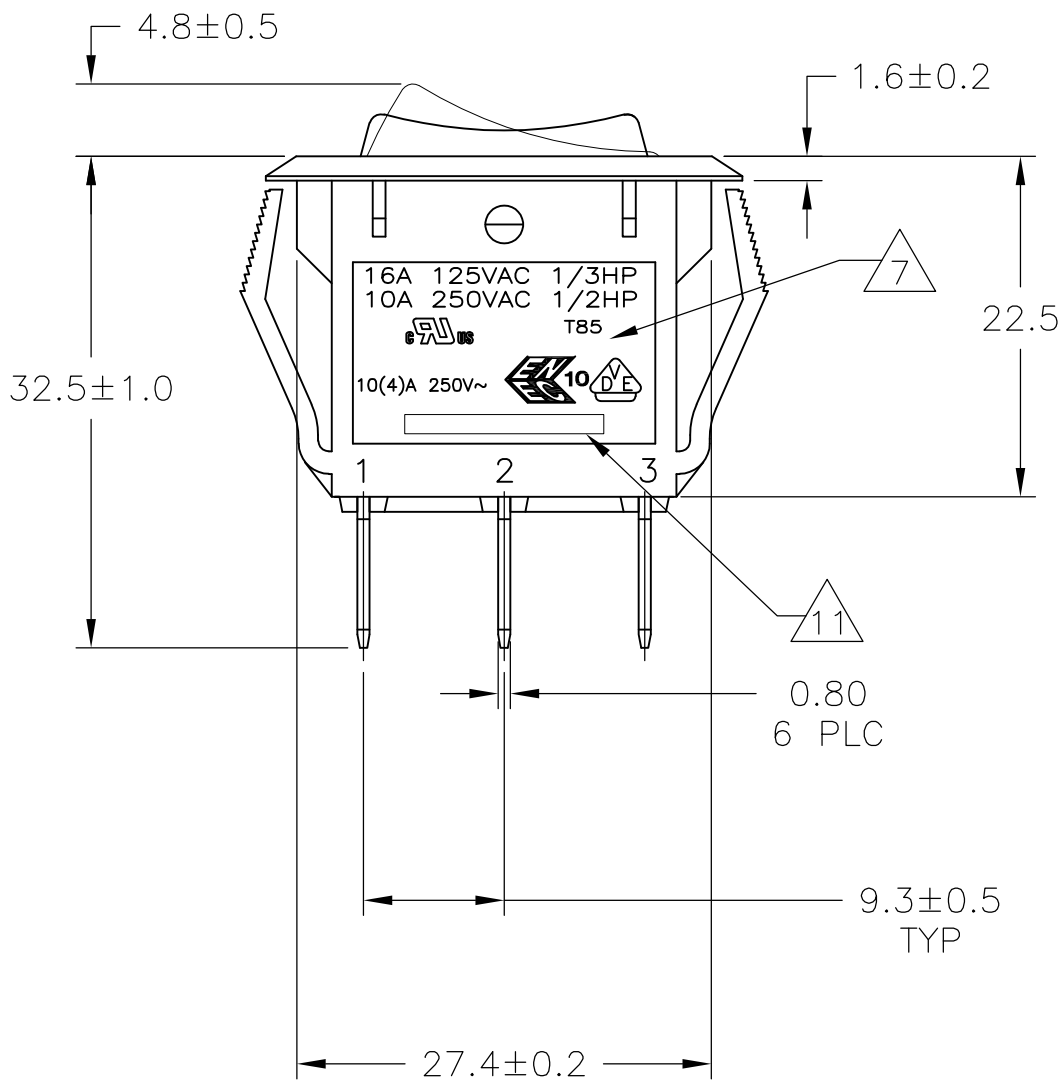
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M BINNER	25FEB2002	Tyco Electronics Corporation Harrisburg, PA 17105-3608		
DIMENSIONS: mm		CHK J.MOSIER	-			
		APVD JP	-	NAME POWER ROCKER SWITCH, 25.4mm X 27.6mm PANEL CUT-OUT SIZE, DOUBLE POLE, SIX TERMINALS, NON-ILLUMINATED		
		PRODUCT SPEC	NOT APPLICABLE	SIZE A2	CAGE CODE 00779	DRAWING NO C=1571113
MATERIAL 1		APPLICATION SPEC	NOT APPLICABLE	RESTRICTED TO	1 OF 3	
FINISH 2		WEIGHT -	CUSTOMER DRAWING	SCALE 2:1	SHEET	REV E1

1571113

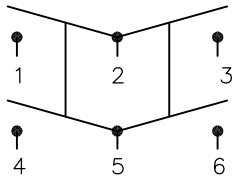
LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
				SEE SHEET 1		



5.00–6.30	28.6–0.1	25.4+0.1
3.00–5.00	28.0–0.1	25.4+0.1
0.75–3.00	27.6–0.1	25.4+0.1
PANEL THICKNESS	X	Y



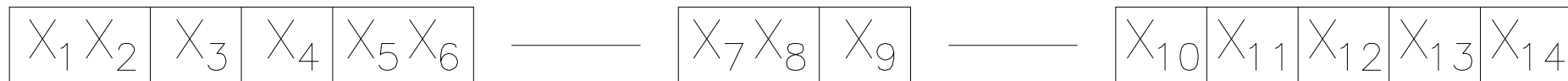
SWITCH FUNCTION D3
CIRCUIT DIAGRAM



1571113–5 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M BINNER	25FEB2002	Tyco Electronics Corporation Harrisburg, PA 17105–3608		
DIMENSIONS: mm		CHK J.MOSIER	–			
		APVD JP	–	NAME POWER ROCKER SWITCH, 25.4mm X 27.6mm PANEL CUT–OUT SIZE, DOUBLE POLE, SIX TERMINALS, NON–ILLUMINATED		
		PRODUCT SPEC	–	SIZE A2		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	–	CAGE CODE 00779		
0 PLC ± – 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± – 4 PLC ± – ANGLES ± –		NOT APPLICABLE	–	DRAWING NO C=1571113		
MATERIAL 1		FINISH 2	–	RESTRICTED TO –		
CUSTOMER DRAWING				SCALE 2:1	SHEET 2 OF 3	REV E1

LEGACY PART NUMBER



SWITCH TYPE: $X_1 X_2 = \underline{\text{PR}}$ - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: $X_3 = \underline{D} - 25.4 \times 27.6$

NUMBER OF POLES: $X_4 = \underline{D}$ - DOUBLE

SWITCH FUNCTION: $X_5X_6 = \underline{D1}$ - ON-ON, WITH OPAQUE,
SINGLE-COLOR ROCKER BUTTON.

D3 - ON-OFF-ON, WITH OPAQUE,
SINGLE-COLOR ROCKER BUTTON.

CURRENT RATING: $X_7 X_8 = \underline{16} - \triangle 6$

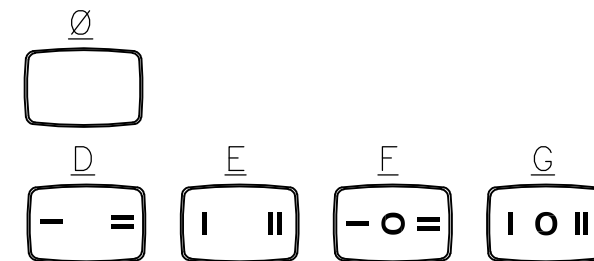
TERMINAL TYPE: $X_9 = \underline{E} - \text{QC TAB}$

FRAME COLOR: X₁₀ = B - BLACK
 W - WHITE

ROCKER COLOR: $X_{11} = \begin{matrix} \underline{B} & - & \text{BLACK} \\ \underline{G} & - & \text{GREEN} \\ \underline{R} & - & \text{RED} \\ \underline{W} & - & \text{WHITE} \end{matrix}$

SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

LEGEND TEXT PATTERN: $X_{13} =$



LEGEND TEXT COLOR: X_{14} = Ø – NOT APPLICABLE
G – GREEN
R – RED
B – BLACK
W – WHITE

- 1 MATERIALS:
ROCKER BUTTON & HOUSING: NYLON 66, UL 94 V-2.
TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M
PLUNGER: COPPER ALLOY PER ASTM B036
SPRINGER: STEEL WIRE PER ASTM A228/A228M
CONTACT: SILVER-TIN OXIDE

- | | |
|---|---|
| 2 | FINISH: |
| | TERMINAL, ACTIVE CONTACTOR: 1.0μm MIN SILVER
PLUNGER: 3.0μm MIN NICKEL |

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

4. MECHANICAL SPECIFICATIONS:
 ACTUATING FORCE: 850g MIN, 1250g MAX
 OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
 TERMINAL STRENGTH : >10.0kg- QC 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)

- UL: 16A@125VAC 1/3HP / 10A@250VAC 1/2HP
 ENEC: 10(4)A 250V~

-  ELECTRICAL RATINGS, APPROVED AGENCY LOGOS,
TERMINAL IDENTIFICATION NUMBERS, MOLDED APPROXIMATELY AS
SHOWN ON THE SIDES OF THE SWITCH HOUSING.

8. COMPONENT-RECONIZED TO US & CANADIAN STANDARDS
UL FILE NO. E46765

9. COMPONENT-RECOGNIZED TO EUROPEAN STANDARDS
(ENEC & VDE) MARKS LICENSE NO 40020317

10. ROHS 2002/95/EC COMPLIANT

- 11 TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

2	PRDDD3-16F-BR000	5-1571113-7
2	PRDDD3-16F-BB0GW	1571113-6
2	PRDDD3-16F-BB0FW	1571113-5
2	PRDDD3-16F-BB000	1571113-4
1	PRDDD1-16F-BB0EW	1571113-3
1	PRDDD1-16F-BB0DW	1571113-2
1	PRDDD1-16F-BB000	1571113-1
SHEET REF.	LEGACY PART NUMBER	PART NUMBER

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DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		CHK J.MOSIER		NAME	
		0 PLC ± 1 PLC ± 0.30 3 PLC ± 0.05 2 PLC ± 4 PLC ± ANGLES ± -		APVD JP		POWER ROCKER SWITCH, 25.4mm X 27.6mm PANEL CUT-OUT SIZE, DOUBLE POLE, SIX TERMINALS, NON-ILLUMINATED	
MATERIAL		FINISH		PRODUCT SPEC NOT APPLICABLE		RESTRICTED TO	
				APPLICATION SPEC NOT APPLICABLE		SIZE	
				WEIGHT -		CAGE CODE	
				CUSTOMER DRAWING		DRAWING NO	
				A2		00779	
				SCALE		SHEET	
				1:1		3 OF 3	
				REV		F1	