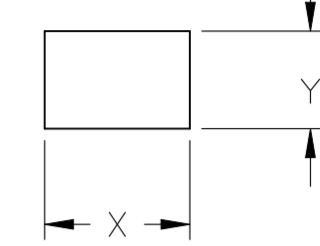
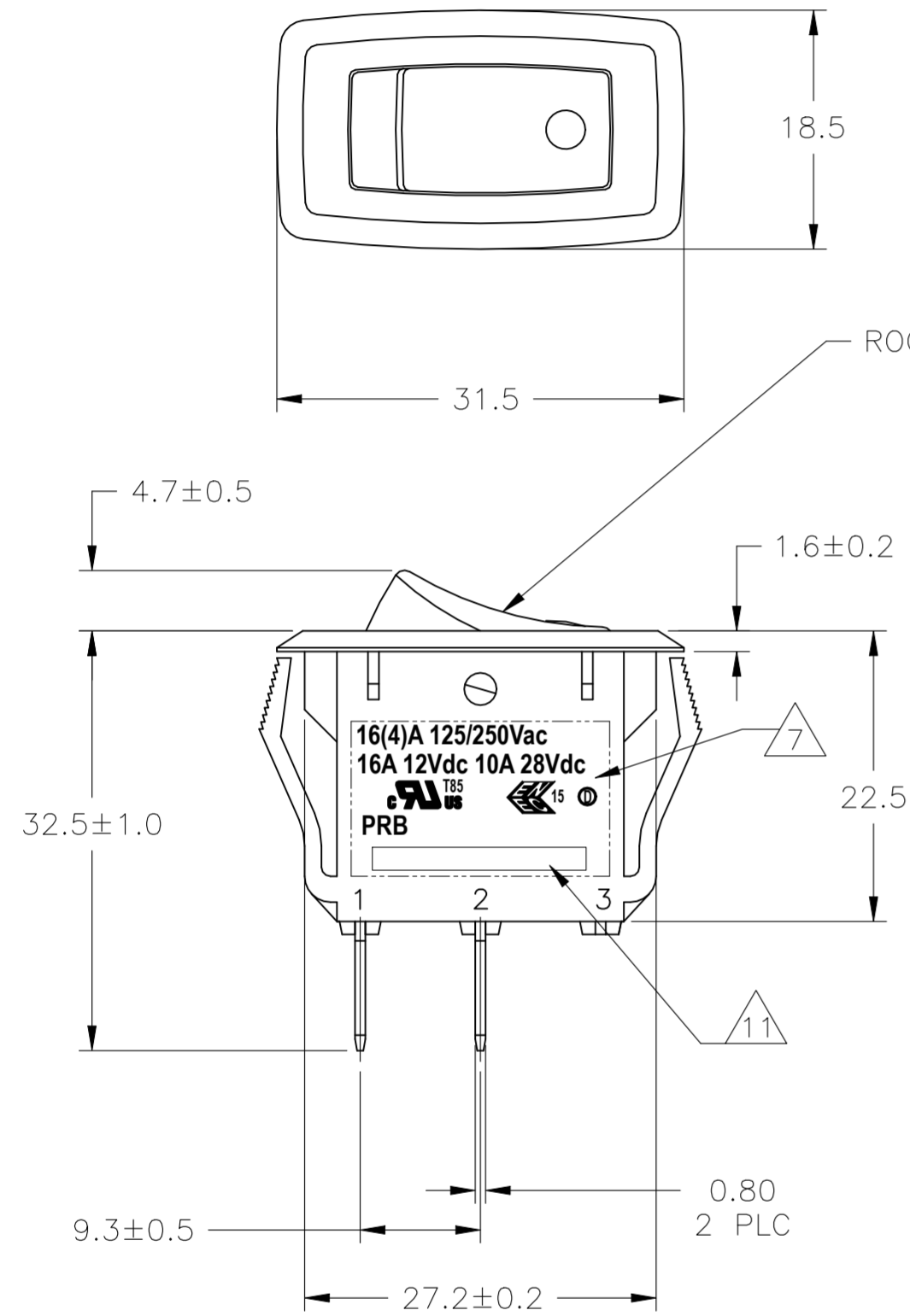


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
E		REVISED PER ECN-23-227856	13SEP2023	GSK	MD

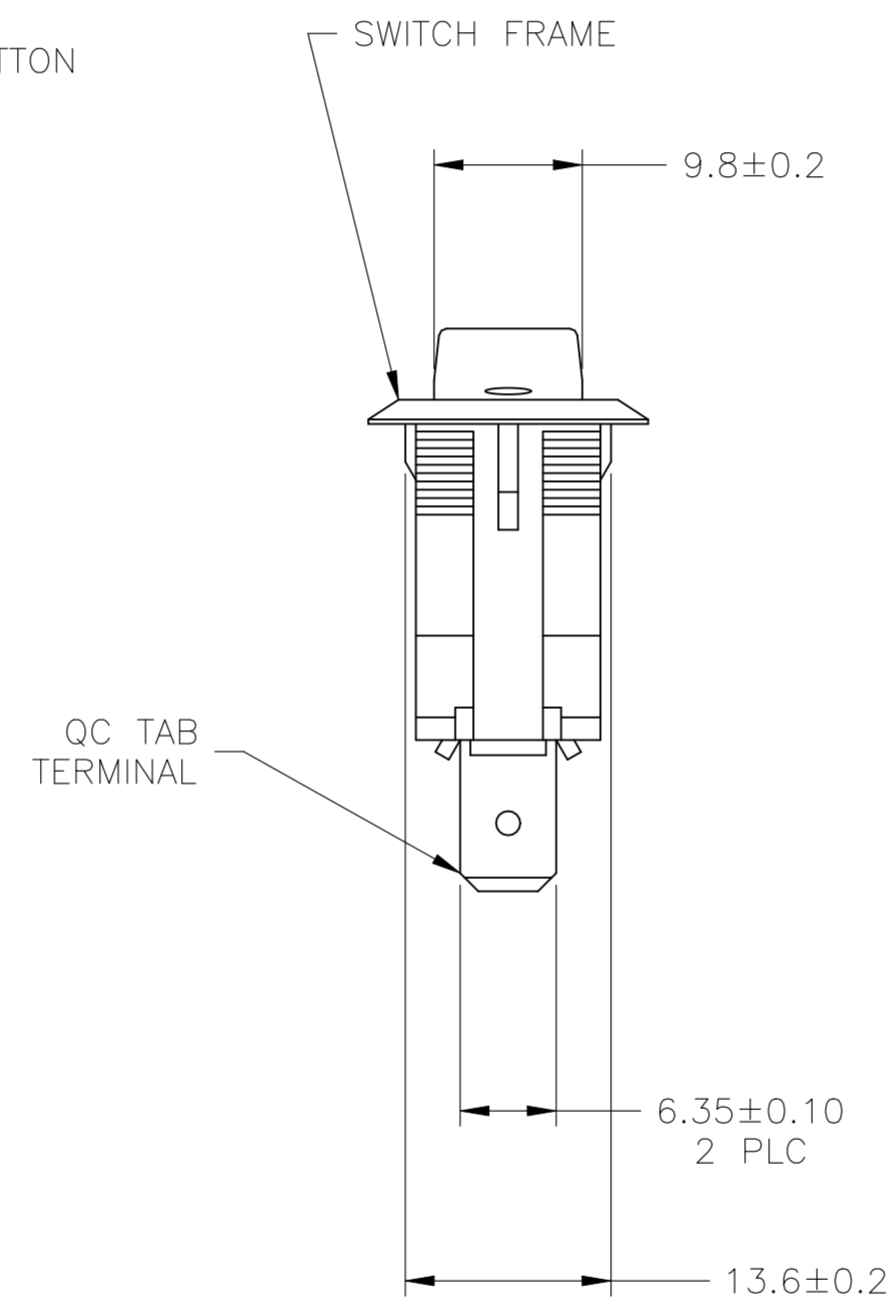
PANEL CUT OUT



4.00-5.00	28.0-0.1	13.8+0.1
3.00-4.00	27.8-0.1	13.8+0.1
0.75-3.00	27.6-0.1	13.8+0.1
PANEL THICKNESS	X	Y

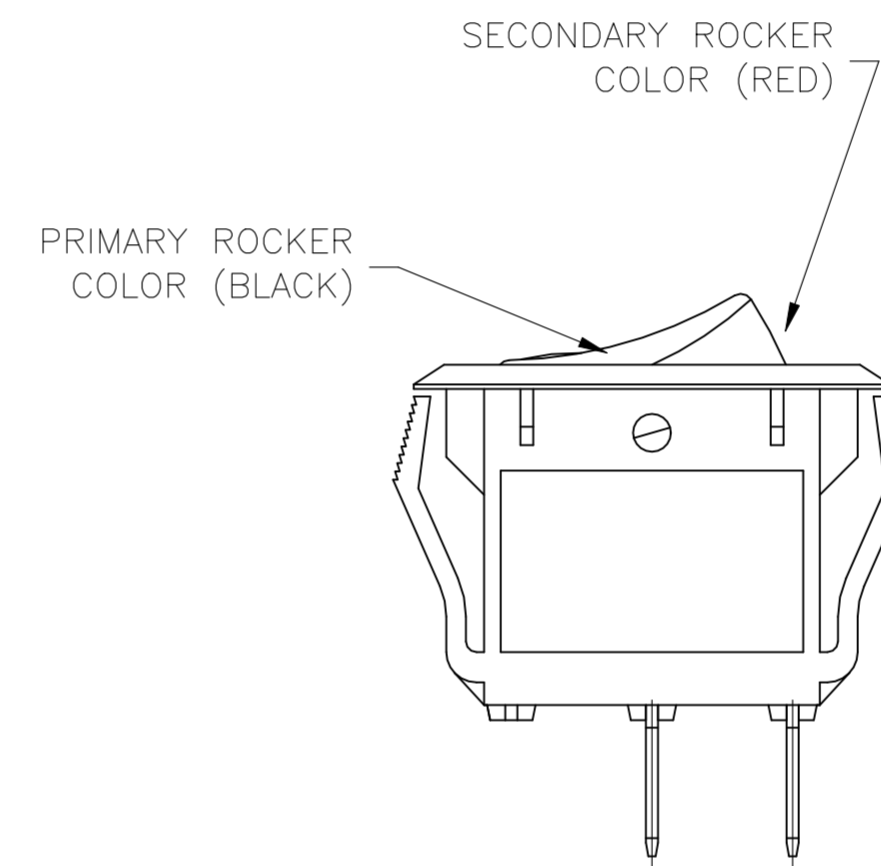


ROCKER BUTTON



SWITCH FRAME

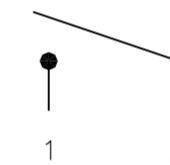
QC TAB TERMINAL



PRIMARY ROCKER COLOR (BLACK)

SECONDARY ROCKER COLOR (RED)

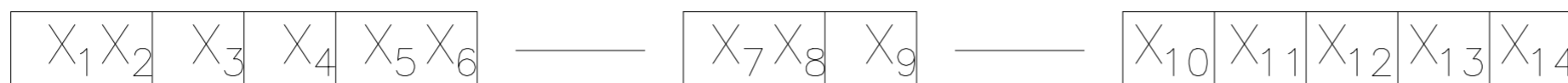
SWITCH FUNCTION A2
CIRCUIT DIAGRAM



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	25FEB2002		
DIMENSIONS: mm		CHK J.MOSIER	APVD -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC NOT APPLICABLE		APPLICATION SPEC NOT APPLICABLE	
0 PLC ± - 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± - 4 PLC ± - ANGLES ± -		WEIGHT		SIZE A2	CAGE CODE 00779
MATERIAL		FINISH		DRAWING NO C=1571131	
1		2		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 2:1	SHEET 1 OF 2
				REV E	

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

LEGACY PART NUMBER



SWITCH TYPE: X1X2 = PR - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X3 = B - 13.8x27.6

NUMBER OF POLES: X4 = S - SINGLE

SWITCH FUNCTION: X5X6 = A2 - ON-OFF, WITH OPAQUE, DUAL-COLOR ROCKER BUTTON.

CURRENT RATING: X7X8 = 16 - 6

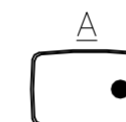
TERMINAL TYPE: X9 = E - QC TAB
L - SOLDER LUG

FRAME COLOR: X10 = B - BLACK
W - WHITE

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

SECONDARY ROCKER COLOR: X12 = B - BLACK
G - GREEN
R - RED
W - WHITE

LEGEND TEXT PATTERN: X13 =



LEGEND TEXT COLOR: X14 = ∅ - B - BLACK
G - GREEN
R - RED
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
 SPRING: STEEL WIRE PER ASTM A228/A228M
 CONTACT: SILVER-TIN OXIDE

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)

6 RATINGS: 16(4) A, 125/250 V ac,
16 A, 12 V dc, 10 A, 28 V dc

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

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

3. **ELECTRICAL SPECIFICATIONS:**
 CURRENT & VOLTAGE 6
 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)

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

9. COMPONENT-RECOGNIZED TO EUROPEAN STANDARDS
(ENEC & DEMKO) MARKS LICENSE NO ENEC-03738 & D-08816

10. ROHS 2002/95/EC COMPLIANT

11 TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

4. **MECHANICAL SPECIFICATIONS:**
 ACTUATING FORCE: 300g MIN, 500g MAX
 OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
 TERMINAL STRENGTH: >10.0kg- QC TAB

PRBSA2-16F-BBRAR	5-1571131-1
LEGACY PART NUMBER	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	25FEB2002		
DIMENSIONS: mm		CHK J.MOSIER	APVD -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME PWR ROCKER SW, 13.8mm X 27.6mm, SPST,2 COLOR ROCKER, NON-IL	
0 PLC ± -		NOT APPLICABLE		SIZE A2	
1 PLC ± 0.30		APPLICATION SPEC		CAGE CODE 00779	
2 PLC ± 0.05		NOT APPLICABLE		DRAWING NO C=1571131	
3 PLC ± -		WEIGHT		RESTRICTED TO -	
4 PLC ± -		CUSTOMER DRAWING		SCALE 1:1	
ANGLES ± -		SHEET 2 of 2		REV E	
FINISH -		SCALE 1:1		SHEET 2 of 2	