

4

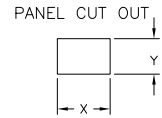
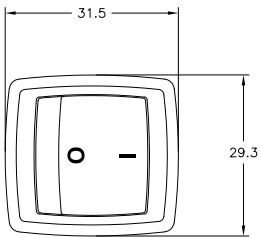
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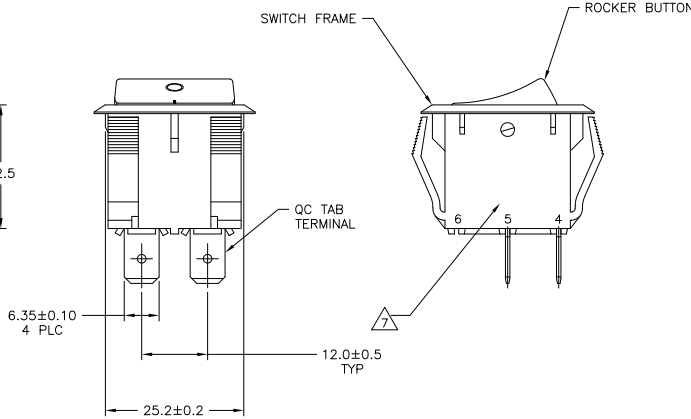
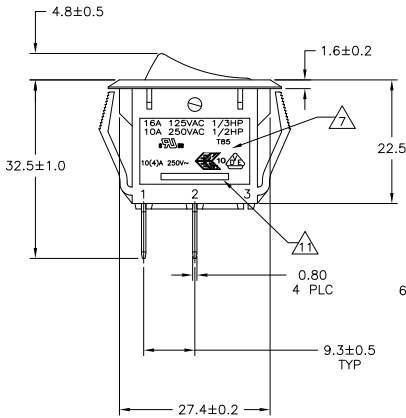
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LOC	DIST	REVISIONS		
F	LNK	DESCRIPTION	DATE	BY
AD	00			
	F1	REVISED PER ECO-10-005254	18MAR10	HMR NE



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 A1
CIRCUIT DIAGRAM



1571103-2 SHOWN

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY		DATE		BY		APPROVED	
MM	0 PLC	±	-	SSV	07/04/04						
	1 PLC	±	0.30	J. MOSIER							
	2 PLC	±	0.05								
	3 PLC	±	-								
	4 PLC	±	-								
	ANGLES	±	-								
MATERIAL	FINISH										

Tyco Electronics Corporation
Harrisburg, PA 17057

POWER ROCKER SWITCH, 25.4mm X 27.6mm
 PANEL CUT-OUT SIZE, DOUBLE POLE, SINGLE THROW
 FOUR TERMINALS, NON-ILLUMINATED

SIZE: A2
 ONE CODE (DRAWING NO): 00779
 C=1571103
 RESTRICTED TO: -
 CUSTOMER DRAWING SCALE: 2:1 SHEET: 1 OF 2 REV: F1

4

3

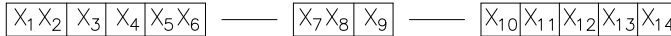
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1

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LOC	DIST	REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APPD
-	-	SEE SHEET 1	-	-	-

LEGACY PART NUMBER



SWITCH TYPE: X₁X₂ = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: X₃ = D - 25.4x27.6

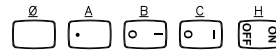
NUMBER OF POLES: X₄ = D - DOUBLE

SWITCH FUNCTION: X₅X₆ = A1 - ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

LEGEND TEXT PATTERN: X₁₃ =

CURRENT RATING: X₇X₈ = 16 - Δ

TERMINAL TYPE: X₉ = E - QC TAB



FRAME COLOR: X₁₀ = B - BLACK
 W - WHITE

LEGEND TEXT COLOR: X₁₄ = Ø - NOT APPLICABLE

ROCKER COLOR: X₁₁ = 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)

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

6. UL: 16A@125VAC 1/3HP / 10A@250VAC 1/2HP
 ENEC: 10(4)A 250V~
 7. ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS, AND THE TYCO/ELECTRONICS LOGO MOLDED APPROXIMATELY AS SHOWN ON THE SIDES OF THE SWITCH HOUSING.

3. ELECTRICAL SPECIFICATIONS:
 CURRENT & VOLTAGE Δ
 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, 8000 OPERATIONS
 (AMBIENT CONDITIONS: 25±2°C AND 65±5%RH)

8. COMPONENT RECOGNIZED TO US & CANDIAN 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

PRDDA1-16F-BROHW	5-1571103-6
PRDDA1-16F-BRO00	5-1571103-4
PRDDA1-16F-BBOHW	1571103-5
PRDDA1-16F-BBOCW	1571103-3
PRDDA1-16F-BBOBW	1571103-2
PRDDA1-16F-BB000	1571103-1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	07/04/04	Tyco Electronics Corporation Harrisburg, PA 17057
DIMENSIONS: MM		CHK	J. MOSIER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD	-	POWER ROCKER SWITCH, 25.4mm X 27.6mm PANEL CUT-OUT SIZE, DOUBLE POLE, SINGLE THROW FOUR TERMINALS, NON-ILLUMINATED
0. PLG ± .		NAME	-	
1. PLG ± 0.30		PRODUCT SPEC	NOT APPLICABLE	RESTRICTED TO
2. PLG ± 0.05		APPLICATION SPEC	NOT APPLICABLE	
3. PLG ± .		SIZE	A2	00779 ©=1571103
4. PLG ± .		WEIGHT	-	
ANGLES ± .		CUSTOMER DRAWING	SCALE	1:1 SHEET 2 OF 2 REV F1