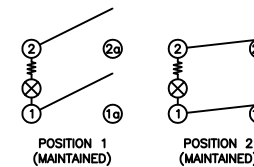


SCHEMATIC



SPECIFICATIONS

FUNCTION:
2P1T OFF-ON

RATINGS:
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):
16A 125VAC [UR, cUR]
10A 250VAC [UR, cUR]
1/3HP 125/250VAC [UR, cUR]

EN 61058-1:2002:
10(4)A 250V~ μ 1E4 T125/55 [ENEC14, SEMKO]
10(2)A 250V~ μ 5E4 T85/55 [ENEC14, SEMKO]

ILLUMINATION VOLTAGE:
250V

CONTACT RESISTANCE:
Initial: 35m Ω Max. at 50VAC

INSULATION RESISTANCE:
100M Ω Min. at 500VDC

DIELECTRIC STRENGTH:
500VAC For 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [UR, cUR]
10,000 Cycles [ENEC14, SEMKO: 10(4)A 250V~]
10,000 Cycles [ENEC14, SEMKO: 10(2)A 250V~]

TEMPERATURE:
Operating: -20°C to 105°C [UR, cUR]
Storing: -20°C to 125°C [ENEC14, SEMKO: 10(4)A 250V~]
Storing: -20°C to 85°C [ENEC14, SEMKO: 10(2)A 250V~]

APPROVALS:



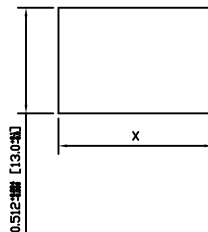
COLORS AND MARKINGS

BODY:
Black
ACTUATOR:
Transparent Amber
MARKINGS:
None
MARKING COLOR:
None

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V-2
ACTUATOR:
Polycarbonate (PC), UL94 V-2
LAMP:
Neon Bulb
RESISTOR:
Carbon Film Resistor
MOBILE CONTACT:
Silver Plated Copper
CONTACTS:
Silver Alloy
TERMINALS:
Silver Plated Copper
Silver Plated Brass

SUGGESTED PANEL CUTOUT



PANEL THICKNESS	X
0.030~0.049 [0.75~1.25]	0.756 [19.2]
0.049~0.079 [1.25~2.00]	0.764 [19.4]
0.079~0.118 [2.00~3.00]	0.772 [19.6]

ACTUATOR	A	09/07/30	CAB
BODY	A	09/07/30	CAB
COLORS	A	10/05/24	CAB
MATERIALS	A	09/07/30	CAB
SPECIFICATIONS	A	09/07/30	CAB
REFERENCE	REV.	DATE	BY

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A	INITIAL RELEASE	19093	10/05/24	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	INCHES [MILLIMETERS]
GENERAL TOLERANCES	± 0.008 [± 0.2] / $\pm 1^\circ$
SCALE	DRAWING NOT TO SCALE
PROJECTION	

TITLE RA852C1000-127	
ITEM NUMBER 38-RA852C1000127	DATE MAY 24, 2010
REVISION A	

Mouser Electronics

Authorized Distributor

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[E-Switch:](#)

[RA852C1000-127](#)