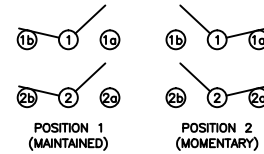


SCHEMATIC



SPECIFICATIONS

FUNCTION:
2P2T ON-(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 IE4 T125/55 [ENEC14, SEMKO]
10(2)A 250V~ μ SE4 T85/55 [ENEC14, SEMKO]

CONTACT RESISTANCE:
Initial: 35mΩ Max. at 50VAC

INSULATION RESISTANCE:
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:
1,500VAC For 1 Minute

ELECTRICAL LIFE:
6,000 Cycles [UR, cUR]
10,000 Cycles [ENEC14, SEMKO: 10(4)A 250V~]
50,000 Cycles [ENEC14, SEMKO: 10(2)A 250V~]

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



COLORS AND MARKINGS

BODY:
Black (1)

ACTUATOR:
Red (9)

MARKING:
I/O Vertical (1)

MARKING COLOR:
WHITE (2)

MATERIALS

BODY:
Polyamide 6/6 (PA66), UL94 V-2

ACTUATOR:
Polyamide 6/6 (PA66), UL94 V-2

SPRING:
Steel

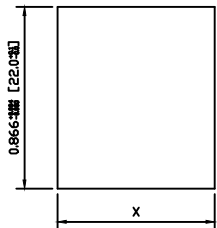
BALL:
Steel

MOBILE CONTACT:
Silver Alloy

CONTACTS:
Silver Alloy

TERMINALS:
Silver Plated Copper

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	09/08/17	CAB
BODY	A	09/08/17	CAB
COLORS	-	11/16/2015	MW
MATERIALS	A	09/08/17	CAB
SPECIFICATIONS	A	09/08/17	CAB
REFERENCE	REV.	DATE	BY

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INITIAL RELEASE	22057	11/17/2015	MW
DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	INCHES [MILLIMETERS]
GENERAL TOLERANCES	±0.008 [±0.2] / ±1*
SCALE	DRAWING NOT TO SCALE

RA45HC1921 (WHITE I/O MARKING)

DRAWING NUMBER 38-RA45HC1921	DATE 11/17/2015
REVISION A	