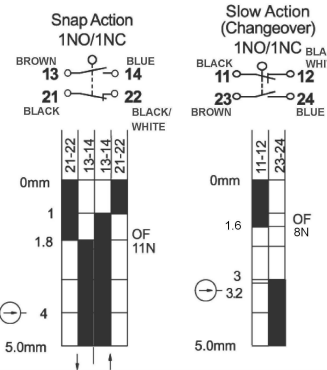
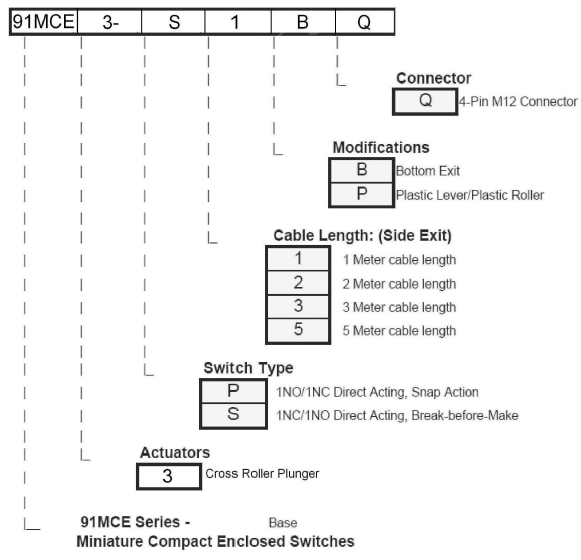


OPERATING CHARACTERISTICS



"Q" OPTION
 PIN 1 & 2 - NORMALLY CLOSED
 PIN 3 & 4 - NORMALLY OPEN

91MCE3 NOMENCLATURE TREE



NOTES:
 1. DIE CAST HOUSING FINISHED IN BLACK PAINT.

SPECIFICATIONS

Operating Speed	0.05mm-1m/sec
Operating Frequency	Mechanical: 120ops/min Electrical: 30 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ
Rated Voltage	300V AC (EN60947-5-1)
Rated Thermal Current	Pre-lead 10A- 3A Connector
Electrical Rating	AC15 A300 DC13 Q300
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 5 x 10 ⁷ (operations)
Operating Temperature	-25~+85°C without formation of ice
Humidity	< 95%RH
Cable	5 core, 0.75mm ² (18AWG)
Degree of Protection	IP67

ELECTRICAL RATINGS

Designation & Utilization	IEC 60947-5-1 / EN 90947-5-1		
	Rated operational current Ie (A) at rated operational voltage Ue		VA rating
Category	120V	240V	Make Break
AC15 A300	6	3	7200 720
DC13 Q300	0.55	0.27	69 69

APPROVALS

UNLESS OTHERWISE SPECIFIED
 TOLERANCES ARE
 +/- 0.15

DESIGN UNITS: mm	DRAWN: BS 02APR07	Honeywell
TOLERANCES UNLESS NOTED:	CHECK: PSR 02APR07	
NO PLACE ± 0.00	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.	TITLE: COMPACT PRECISION LIMIT SWITCH
ONE PLACE .x ± 0.030		SIZE: C
TWO PLACE .xx ± 0.015		TYPE: I
THREE PLACE .xxx ± 0.005		DRAWING NAME: 91MCE3 SERIES CHART1
FOUR PLACE .xxxx ± 0.0005		REV: B
FIFTH PLACE .xxxxx ± 0.00005	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY	SCALE: - SHEET: 1 OF 1