Honeywell

LIMIT SWITCH

CATALOGUE LISTING
GLS

CHART NO.
MTG-GL-192

MTG-GL-192

ISSUE	RELEASE NUMBER	DRAWING NUMBER	REPLACES
9		A018-185	

REVISIONS

2	7/96
A018-262	
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A018-293	
4	7/97
CO-000083	
5	8/97
CO-000106	
6	CO/395
1 WEIR	6/98

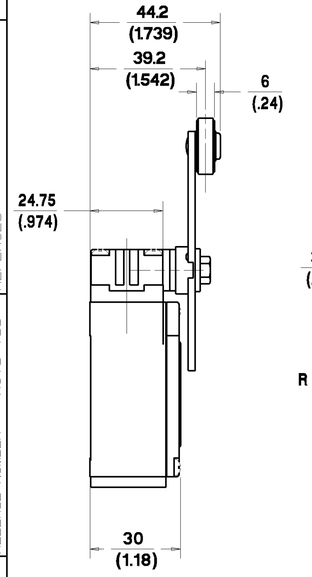
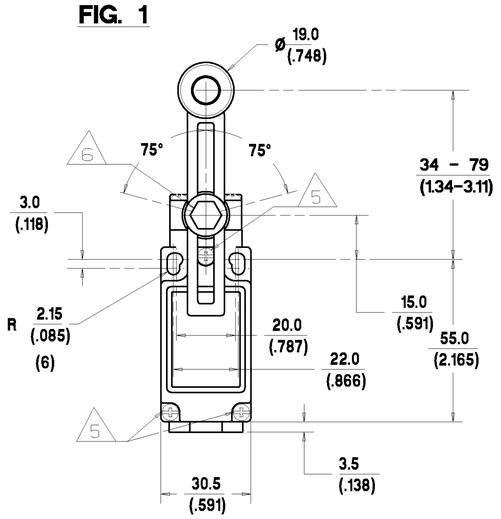
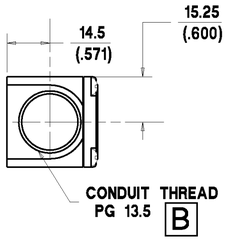
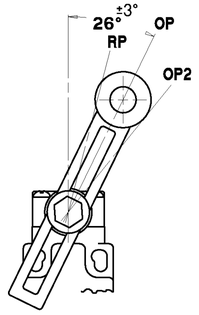
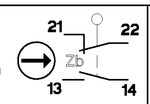
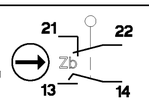
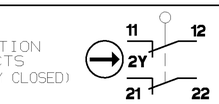
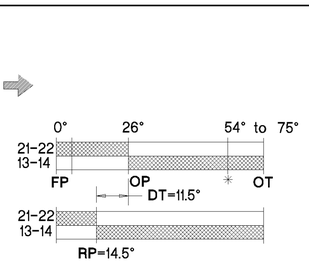
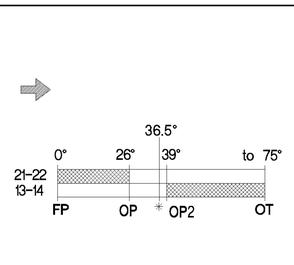
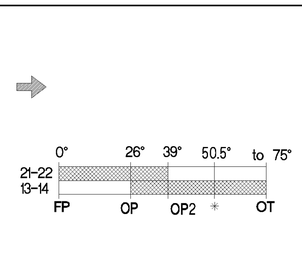
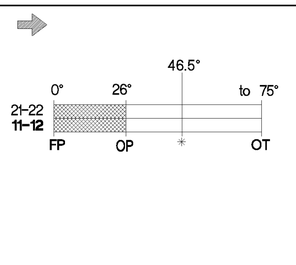
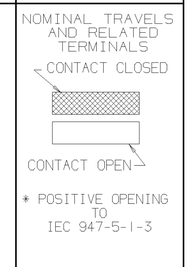


FIG. 1







	SNAP-ACTION CONTACTS	SLOW-ACTION CONTACTS (BREAK BEFORE MAKE)	SLOW-ACTION CONTACTS (MAKE BEFORE BREAK)	SLOW-ACTION CONTACTS (2 NORMALLY CLOSED)	CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013
					NOMINAL TRAVELS AND RELATED TERMINALS
					
	120 (1.1)	110 (1.0)	110 (1.0)	110 (1.0)	NORMAL OPERATING TORQUE MAX **Nmm (in.lbs)**
	140 (1.3)	160 (1.5)	170 (1.6)	150 (1.4)	MAXIMUM DISCONNECT TORQUE **Nmm (in.lbs)**

01 OR **07** — **03** OR **33** — **04** OR **34** — **06** OR **36**

06 — BASIC SWITCH WITH SILVER CONTACTS

36 — BASIC SWITCH WITH GOLD PLATED CONTACTS

04 — SIDE ROTARY ACTUATOR (SEE FIG. 1)

BASIC SWITCH

CONDUIT THREAD (SEE FIGS. 1, 2 & 3)

ROLLER MATERIAL A = PLASTIC : B = METAL.

HEAD ORIENTATION & LEVER DIRECTION OF OPERATION. (SEE FIG. 4)

EN50047 BODY TYPE (SEE FIG. 1) — **GLD** **X** **XX** **A2** **X** – **X** **XXXX** — MODIFICATION CODE

1/2" NPT X 14 CONDUIT THREAD ADAPTER — **A** 01

PG 13.5 CONDUIT THREAD — **B** 03

M20 X 1.5 CONDUIT THREAD — **C** 04

PF 1/2 CONDUIT THREAD — **D** 06, 07, 33, 34, 36

A **B** — **1** 2 3 4 5

C311 — CABLE 4 WIRE, WITHOUT GROUND, LAST CHARACTER IS CABLE LENGTH 1 = 1MTR. CABLE LENGTHS ARE FROM 1 TO 9 METRES. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B' .

Q31 — CONNECTOR , 4 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B' .

Q33 — CONNECTOR, 4 PIN MINI ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B' .

BLANK = LEVER TO FRONT, SWITCHING IN BOTH DIRECTIONS

BLANK = NO ROLLER FITTED.

NOTE:
FOR CONNECTION DIAGRAMS AND ADDITIONAL ELECTRICAL, ENVIRONMENTAL & DIMENSIONAL INFORMATION SEE DRAWING GL-49212.

NOTE:-
ANY STANDARD LISTING WITH SUFFIX 'RS' OR 'FE' IS PERMITTED.

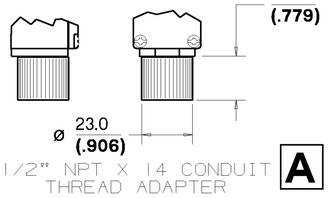
NOTES:-

1. MICRO SWITCH BLUE GLASS FILLED POLYESTER HOUSING & COVER. BLACK GLASS FILLED POLYAMIDE HEAD.
2. ENCLOSURE DOUBLE INSULATED TO IEC 539 CLASS II.
3. MINIMUM OPERATING VELOCITY (Vmin) = 0.26 rad/s
   MAXIMUM OPERATING VELOCITY (Vmax) = 25 rad/s
   MAXIMUM OPERATING FREQUENCY (Fmax) = 250 OPS/MIN
   (THESE LIMITS APPLY TO CAM OPERATION AS SHOWN IN THE ABOVE DIAGRAMS ONLY)
4. FREE POSITION (FP), OPERATING POINT (OP), OVERTRAVEL (OT) AND PRETRAVEL (PT) ALL TO EN50047.

5 MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.5Nm (4.4in.LB)

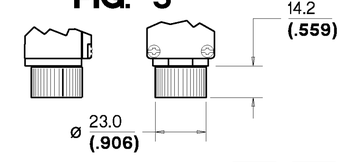
6 MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.8Nm (7in.LB)

FIG. 2



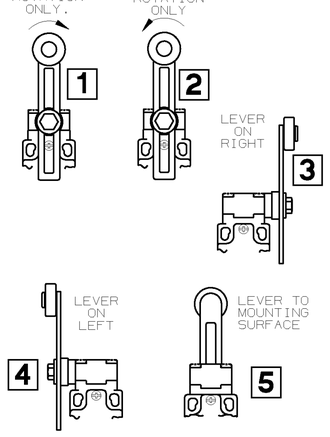
1/2" NPT X 14 CONDUIT THREAD ADAPTER **A**

FIG. 3



M20 X 1.5 & PF1/2 CONDUIT THREAD ADAPTERS **C** **D**

FIG 4



NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT NEWHOUSE/FREEPORT APPROVAL

IEC 947-5-1 ELECTRICAL RATING

SILVER CONTACTS						GOLD PLATED CONTACTS	ENVIRONMENTAL	APPROVALS
AC		AC (FOR 2NC)		DC				
A600 AC15 Ue	Ie	A500 AC15 Ue	Ie	Q300 DC13 Ue	Ie	I_{th} = 10A	IP66 NEMA 1, 4, 12, 13	UL
VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS		TEMP RANGE : -25° C TO 85° C / -13° F TO 185° F	CSA
120	6	120	6	125	0.55	1V 10µA MIN.	STORAGE : -40° C TO 85° C / -40° F TO 185° F	IEC 947-5-1
240	3	240	3	250	0.27	50V 100mA MAX.	SHOCK : 50G PER IEC 68-2-27	EN50047
380	1.9	380	1.9				VIBRATION : 10G PER IEC 68-2-6	
480	1.5	480	1.5					
500	1.4	500	1.4					
600	1.2							

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AUTHOR'N	P. TRICKETT	6/95		

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THIRD ANGLE PROJECTION

SCALE 1:1

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Honeywell:

GLDA01A1B GLDA01A2B GLDA01A4J GLDA01A5B GLDA01C GLDA01D GLDA01E7B GLDA01K8B GLDA03A1A GLDA03A1B GLDA03D GLDA04B GLDA06A1B GLDA06C GLDA06D GLDA07A2B GLDA07C GLDA01A2A-F026 GLDA01A2Y GLDA01A5B-F035 GLDA01D-F034 GLDA03A1Y GLDA03A2Y GLDA03C-6 GLDA05A2B