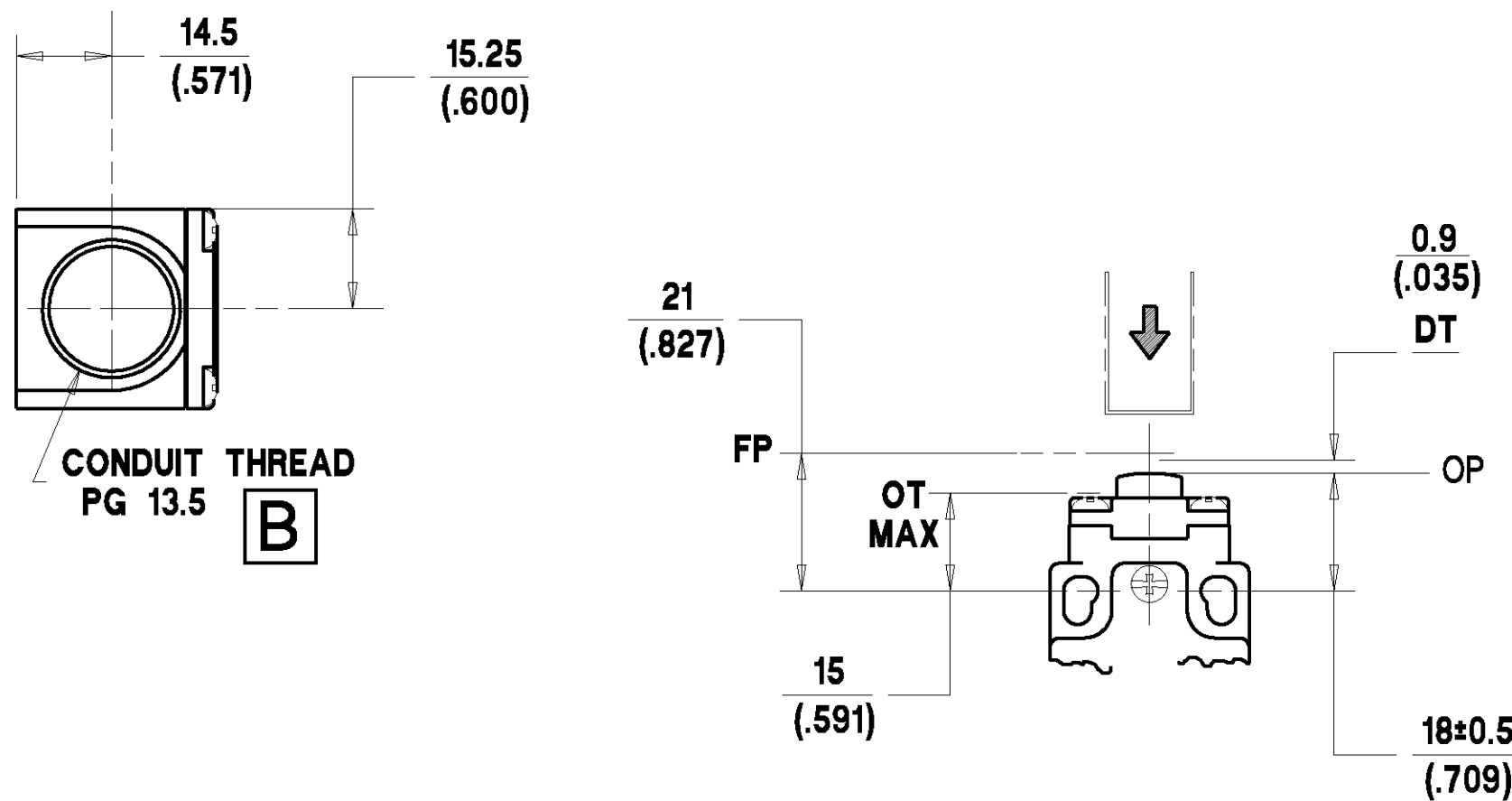
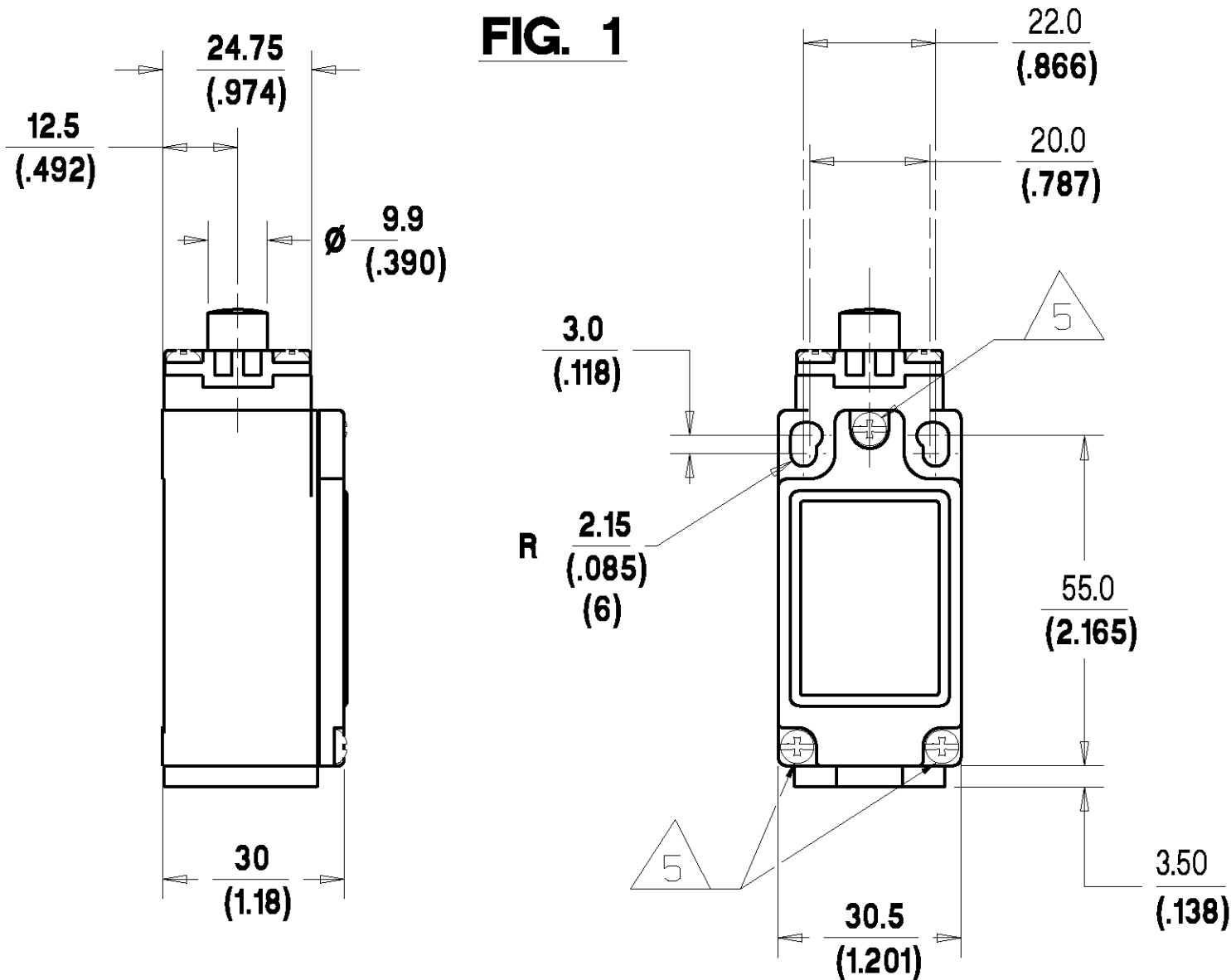


Honeywell	LIMIT SWITCH	CATALOGUE LISTING					CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013
		GLS CHART NO. MTG-GL-173	SNAP-ACTION CONTACTS 	SLOW-ACTION CONTACTS (BREAK BEFORE MAKE) 	SLOW-ACTION CONTACTS (MAKE BEFORE BREAK) 	SLOW-ACTION CONTACTS (2 NORMALLY CLOSED) 	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED CONTACT OPEN * POSITIVE OPENING TO IEC 947-5-1-3
 FIG. 1							
			16 (3.6)	14 (3.2)	16 (3.6)	13 (2.9)	NORMAL OPERATING FORCE MAX N (lbf)
			23 (5.2)	24 (5.4)	27 (6.1)	23 (5.2)	MAXIMUM DISCONNECT FORCE N (lbf)



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 (V_{min}) = 1.0 MM/S (THESE LIMITS APPLY TO CAM
MAXIMUM OPERATING VELOCITY (V_{max}) = 100 MM/S OPERATION AS SHOWN IN THE
MAXIMUM OPERATING FREQUENCY (F_{max}) = 250 OPS/MIN 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)

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 ZINC)		DC		I _{th} = 10A 1V 10µA MIN. 50V 100mA MAX.	  IEC 947-5-1 EN50047
A600	AC15	A500	AC15	O300	DC13		
U _e	I _e	U _e	I _e	U _e	I _e		
VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS		
120	6	120	6	125	0.55		
240	3	240	3	250	0.27		
480	1.9	380	1.9				
500	1.5	450	1.5				
500	1.4	500	1.4				
500	1.2						

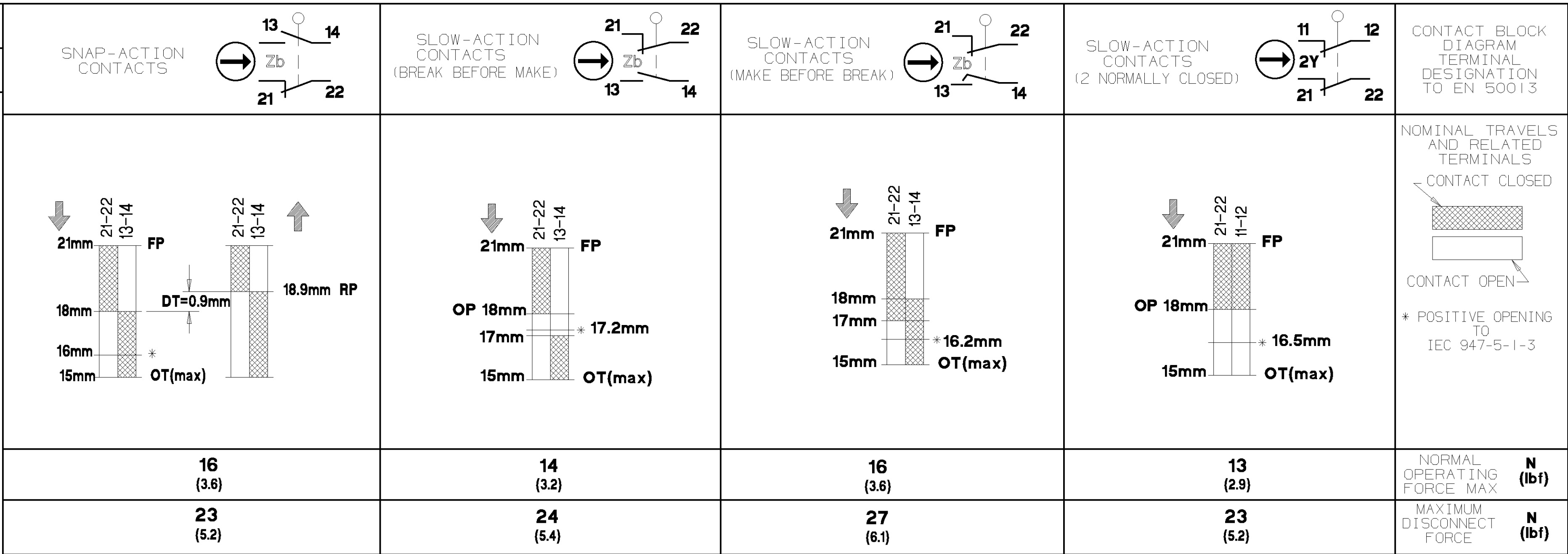


Diagram illustrating the components and connections of the EN50047 Body Type:

- EN50047 BODY TYPE (SEE FIG. 1)**: The main assembly, consisting of:
 - GLD**: EN50047 BODY TYPE (SEE FIG. 1)
 - X**: BASIC SWITCH
 - XX**: CONDUIT THREAD (SEE FIGS. 1, 2 & 3)
 - B**: TOP PIN ACTUATOR (SEE FIG. 1)
 - XXXX**: MODIFICATION CODE
- Threaded Components (Left Column)**:
 - A**: 1/2" NPT X 14 CONDUIT THREAD ADAPTER
 - B**: PG 13.5 CONDUIT THREAD
 - C**: M20 X 1.5 CONDUIT THREAD
 - D**: PF 1/2 CONDUIT THREAD
- Threaded Components (Right Column)**:
 - 01**
 - 03**
 - 04**
 - 06**
 - 07**
 - 33**
 - 34**
 - 36**
- Connectors (Right Column)**:
 - C311**: CABLE 4 WIRE, WITHOUT GROUND, LAST CHARACTER IS CABLE LENGTH I = IMTR. 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'.

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

