

MTG-GL-176

REPLACES

AO18-38

ISSUE

9

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AO18-38

REVISIONS

6

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7

12/96

AO18-293

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I WEIR 6/98

DRAWN

3/93

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CHECK

3/93

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DESIGN

3/93

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3/93

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Honeywell	LIMIT SWITCH	CATALOGUE LISTING	SNAP-ACTION CONTACTS 13 14 Zb 21 21 22	SLOW-ACTION CONTACTS (BREAK BEFORE MAKE) 21 22 Zb 13 13 14	SLOW-ACTION CONTACTS (MAKE BEFORE BREAK) 21 22 Zb 13 13 14	SLOW-ACTION CONTACTS (2 NORMALLY CLOSED) 11 12 21 22 21 22	CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013 CONTACT CLOSED CONTACT OPEN * POSITIVE OPENING TO IEC 947-5-1
		GLS CHART NO. MTG-GL-176					

FIG. 1 12.5 (.492) 6.0 (.236) 22.0 (.866) 20.0 (.787) 129.0 (5.079) 24.75 (.974) 3.0 (.118) 2.15 (.085) (6) 55.0 (2.165) 30.5 (1.201) 3.50 (.138) 30 (1.18) 14.5 (.571) 15.25 (.600) CONDUIT THREAD PG 13.5 B 16° ±5° OP DT 10 35° (MAX) 100.00 (3.9370)	1.3 (0.29) 1.1 (0.25) 1.2 (0.27) 1.1 (0.25)	01 OR 07	03 OR 33	04 OR 34	06 OR 36	BASIC SWITCH WITH SILVER CONTACTS BASIC SWITCH WITH GOLD PLATED CONTACTS

EN50047 BODY TYPE (SEE FIG. 1)

GLD

X

XX

E7B

XXXX

MODIFICATION CODE

1/2" NPT X 1/4 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

WOBBLE ACTUATOR (SEE FIG. 1)

C311

Q31

Q33

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

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

NOTE:-

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

NOTE:

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

FIG. 2

19.8
(.779)

23.0
(.906)

1/2" NPT X 1/4 CONDUIT THREAD ADAPTER

A

FIG. 3

14.2
(.559)

23.0
(.906)

M20 X 1.5 & PF 1/2 CONDUIT THREAD ADAPTERS

C

D

- NOTES:-
- MICRO SWITCH BLUE GLASS FILLED POLYESTER HOUSING & COVER. BLACK GLASS FILLED POLYAMIDE HEAD.
 - ENCLOSURE DOUBLE INSULATED TO IEC 539 CLASS II.
 - MINIMUM OPERATING VELOCITY (Vmin) = 0.26 rad/s
MAXIMUM OPERATING VELOCITY (Vmax) = 25 rad/s
MAXIMUM OPERATING FREQUENCY (Fmax) = 250 OPS/MIN
 - 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 2NC)		DC		I _{th} = 10A		IP66 NEMA 1, 4, 12, 13		UL				
A600 U _e	AC15 I _e	A500 U _e	AC15 I _e	O300 U _e	DC13 I _e									
VOLTS AMPS		VOLTS AMPS		VOLTS AMPS		1V 10µA MIN.		TEMP RANGE : -25°C TO 85°C		UL				
120 5		120 5		125 0.55		50V 100mA MAX.		: -13°F TO 185°F						
240 3		240 3		250 0.27				STORAGE : -40°C TO 85°C		IEC 947-5-1				
380 1.9		380 1.9						: -40°F TO 185°F						
480 1.5		480 1.5						SHOCK : 50G PER IEC 68-2-27		EN50047				
500 1.4		500 1.4						VIBRATION : 10G PER IEC 68-2-6						
600 1.2														
THE COPYRIGHT OF THIS DRAWING IS THE PROPERTY OF HONEYWELL LTD. THE DRAWING IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED.							THIRD ANGLE PROJECTION		SCALE 1:1		DIMENSIONS ARE IN MM/INCHES.		MODIFY ON CAD SYSTEM ONLY	