

MTG-GL-171

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04FEB11	

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3/93

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3/93

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3/93

CHECK

DESIGN

DRAWN

Honeywell

LIMIT SWITCH

CATALOGUE LISTING

GLS

CHART NO.

MTG-GL-171

NOTES:-

1. ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY AND COVER FINISHED IN MICRO SWITCH BLUE EPOXY PAINT. HEAD FINISHED IN BLACK EPOXY PAINT.
2. MINIMUM OPERATING VELOCITY (Vmin) = 0.13 rad/s
MAXIMUM OPERATING VELOCITY (Vmax) = 13 rad/s
MAXIMUM OPERATING FREQUENCY (Fmax) = 100 OPS/MIN
3. FREE POSITION (FP), OPERATING POINT (OP), OVERTRAVEL (OT) AND PRETRAVEL (PT) ALL TO EN50047.

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

STANDARD SILVER CONTACTS		GOLD PLATED CONTACTS		ENVIRONMENTAL	APPROVALS
ELECTRICAL RATING		ELECTRICAL RATING			
AC	DC			IP66 NEMA 1, 4, 12, 13 TEMP RANGE : -25°C TO 85°C -13°F TO 185°F STORAGE : -40°C TO 85°C -40°F TO 185°F SHOCK : 50G PER IEC 68-2-27 VIBRATION : 10G PER IEC 68-2-6	 IEC 947-5-1 EN50047
A300 Ue	AC15 Ie	O300 Ue	DC13 Ie		
VOLTS 120 240	AMPS 6 3	VOLTS 125 250	AMPS 0.55 0.27		
		Ith = 10A 1V 10µA MIN. 50V 100mA MAX.			

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THIRD ANGLE PROJECTION

SCALE 1:1

DIMENSIONS ARE IN MM/INCHES.

RASTER

SNAP-ACTION CONTACTS

0.3
(0.29)

SLOW-ACTION CONTACTS (BREAK BEFORE MAKE)

0.1
(0.25)

SLOW-ACTION CONTACTS (MAKE BEFORE BREAK)

0.2
(0.27)

SLOW-ACTION CONTACTS (2 NORMALLY OPEN)

0.1
(0.25)

SLOW-ACTION CONTACTS (2 NORMALLY CLOSED)

0.1
(0.25)

CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013

NOMINAL TRAVELS AND RELATED TERMINALS
CONTACT CLOSED
CONTACT OPEN
* POSITIVE OPENING TO IEC 947-5-1

NORMAL OPERATING FORCE MAX N (1bf)

01
OR
07

03
OR
33

04
OR
34

05
OR
35

06
OR
36

BASIC SWITCH WITH SILVER CONTACTS

BASIC SWITCH WITH GOLD PLATED CONTACTS

BASIC SWITCH

CONDUIT THREAD (SEE FIGS. 1 & 2)

EN50047 BODY TYPE (SEE FIG. 1)

1/2" NPT X 1/4 CONDUIT THREAD

PG 13.5 CONDUIT THREAD

M20 X 1.5 CONDUIT THREAD

PF 1/2 CONDUIT THREAD

GLC

X

XX

E7B

XXXX

MODIFICATION CODE

CABLE 5 WIRE, WITH GROUND. LAST CHARACTER IS CABLE LENGTH I = 1MTR. CABLE LENGTHS ARE FROM 1 TO 9 METRES. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

C021

Q01

Q02

Q03

Q04

Q07

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

CONNECTOR, 5 PIN MICRO TWIN KEYWAY. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

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

CONNECTOR, 5 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

CONNECTOR, 5 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

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

FIG. 2

A

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