

MTG-GL-194

REPLACES

AO18-185

DRAWING NUMBER

6

ISSUE

REVISIONS

2	9/96
AO18-275	
3	12/96
AO18-293	
4	7/97
CO-000083	
5	8/97
CO-000106	
6	CO/395
1	WEIR 6/98

DRAWN

4/94

M. LOCH

CHECK

4/94

I. WEIR

DESIGN

4/94

J. BOYD

AUTHOR

4/94

P. TRICKETT

Honeywell

LIMIT SWITCH

CATALOGUE LISTING

GLS

CHART NO.

MTG-GL-194

41
(162)

34
(134)

24.75
(.974)

3.2
(.125)

30
(1.18)

22.0
(.866)

4.3
(.171)

20.0
(.787)

20-150
(0.8-6)

15.0
(.591)

55.0
(2.165)

3.5
(.138)

30.5
(.591)

75°

75°

3.0
(.118)

2.15
(.085)
(6)

R

14.5
(.571)

15.25
(.600)

CONDUIT THREAD
PG 13.5

B

26°

±3°

RP

OP

OP2

26°

RP

OP

OP2

26°

RP

OP

OP2

0°

26°

54° to 75°

21-22

13-14

FP

OP

OT

DT=11.5°

RP=14.5°

0°

26°

36.5°

39°

to 75°

21-22

13-14

FP

OP

OP2

OT

0°

26°

39°

50.5°

to 75°

21-22

13-14

FP

OP

OP2

OT

0°

26°

46.5°

to 75°

21-22

11-12

FP

OP

OT

CONTACT BLOCK
DIAGRAM
TERMINAL
DESIGNATION
TO EN 50013

NOMINAL TRAVELS
AND RELATED
TERMINALS
CONTACT CLOSED

CONTACT OPEN

* POSITIVE OPENING
TO
IEC 947-5-1-3

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

BASIC SWITCH
CONDUIT THREAD
(SEE FIGS. 1 & 2)

EN50047 BODY TYPE
(SEE FIG. 1)

GLC

X

XX

A4J

-

X

XXXX

MODIFICATION CODE

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

PG 13.5
CONDUIT THREAD

M20 X 1.5
CONDUIT THREAD

PF 1/2
CONDUIT THREAD

A

01

03

04

06

07

33

34

36

HEAD ORIENTATION AND LEVER
DIRECTION OF OPERATION
(SEE FIG. 3)

1

2

3

4

5

Q01

Q02

Q03

Q04

Q07

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'.

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

19.8
(.779)

Ø 23.0
(.906)

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

A

SWITCHING
CLOCKWISE
ROTATION
ONLY.

SWITCHING
ANTI- CLOCKWISE
ROTATION
ONLY.

LEVER
ON
RIGHT

1

2

3

LEVER
ON
LEFT

LEVER TO
MOUNTING
SURFACE

4

5

FIG. 3

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

STANDARD SILVER
CONTACTS

GOLD PLATED CONTACTS

ELECTRICAL RATING

ELECTRICAL RATING

ENVIRONMENTAL

APPROVALS

AC

DC

A300 AC15
1e

O300 DC13
1e

VOLTS AMPS
120 6
240 3

VOLTS AMPS
125 0.55
250 0.27

I_{th} = 10A

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

IV 10µA MIN.
50V 100mA MAX.

UL

IEC 947-5-1
EN50047

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THIRD
ANGLE
PROJECTION

SCALE
1:1

DIMENSIONS ARE IN
MM/INCHES.

MODIFY ON CAD
SYSTEM ONLY