

DO NOT SCALE PRINT

A2 FORMAT

MTG-GX-297

REPLACES

PR*788

RELEASE No.

ISSUE

2

DRAWING NUMBER

2

REVISIONS

2 CO*1792

IW 01/01

6/00

I. WEIR

CHECK

DESIGN

AUTHOR*IN

Honeywell

LIMIT SWITCH

CATALOGUE LISTING
CHART No.
MTG-GX-297

SWITCH TYPE

CABLE LENGTH
(5 METRES)

GXE

5

1

A1

A

4

HEAD ORIENTATION

SNAP ACTION
SILVER CONTACTS

1

SNAP ACTION
Au PLATED CONTACTS

2

SLOW ACTION (B.B.M.)
SILVER CONTACTS

3

SLOW ACTION (B.B.M.)
Au PLATED CONTACTS

4

SIDE ROTARY ACTUATOR
FIXED ROLLER LEVER

ROLLER MATERIAL
A : PLASTIC : B : STEEL

A

4

HEAD ORIENTATION

A

3

LEVER TO FRONT

B

3

LEVER TO RIGHT

4

LEVER TO LEFT

5

LEVER TO REAR

HEAD ORIENTATION

3

4

5

FREE POSITION

±5°

26°

OPERATING POINT

8.0° MAX

DIFFERENTIAL TRAVEL

75° FULL TRAVEL

75° FULL TRAVEL

8.0° MAX

DIFFERENTIAL TRAVEL

OPERATING POINT

26°

±5°

MIN. OPERATING VELOCITY = 2.0mm/S (.08in/S)

MAX. OPERATING VELOCITY = 200mm/S (7.9in/S)

MAX. OPERATING FREQUENCY = 250 OPS/MINUTE

ENVIRONMENTAL

CIRCUIT DIAGRAM

IP66/67

TEMP RANGE : -20°C TO 75°C
OPERATING -4°F TO 167°F
AND STORAGE

SHOCK : 50G PER IEC 68-2-27
VIBRATION : 10G PER IEC 68-2-6

SWITCH TYPES 1 & 2

BLACK BLUE BROWN

SWITCH TYPES 3 & 4

BLUE BROWN

ELECTRICAL RATING

CHARACTERISTICS

APPROVALS

SILVER CONTACTS

GOLD CONTACTS

AC-15 4A 250V
AC-15 2A 400V
DC-13 0.15A 250V

OPERATING FORCE 16 N MAX
3.6 lbf

RELEASE FORCE 4.4 N MIN
1.0 lbf

CE 0527

EN50014
EN50018

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THIRD ANGLE PROJECTION

SCALE:- 1/1

DIMENSIONS ARE IN MILLIMETRES

MODIFY ON CAD SYSTEM ONLY

* KEMA APPROVED PART *

NO CHANGE TO DRAWING

WITHOUT THE JOINT AGREEMENT OF

APPROVALS/DESIGN/MARKETING

Ø19.0

20.0

22.0

40.0

42.0

52.0

15.0

46.5

3.0

60.0

28.0

5 METRES CABLE LENGTH

R2.15 (12)

HARMONISED CENELEC CABLE (H05VV-F 0.75)

45.0

40.0

6.0

27.1

24.7

6

30

65.0

NOTES:-

1. BLUE EPOXY PAINT FINISHED ZINC DIE-CAST BODY AND STEEL COVER. BLACK EPOXY PAINT FINISHED ZINC DIE-CAST HEAD.

2. APPROVED BY KEMA TO II 2 G EExd IIC T6.

3. KEMA CERTIFICATION REFERENCE:- KEMA 00 ATEX 2103 X.

4. MOUNTING TO EN50047.

5. LEVER MAY BE ATTACHED AND KEYED TO THE SHAFT AT 10° INCREMENTS.

6. MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.5Nm.

7. STANDARD LISTINGS CAN HAVE SUFFIX 'RS' OR 'FE'.