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Honeywell

LIMIT SWITCH

CATALOGUE LISTING: EVN
CHART NO.: MTG-EV-314

LISTING NOMENCLATURE:- **EVN 2000** □

MTG-EV-314

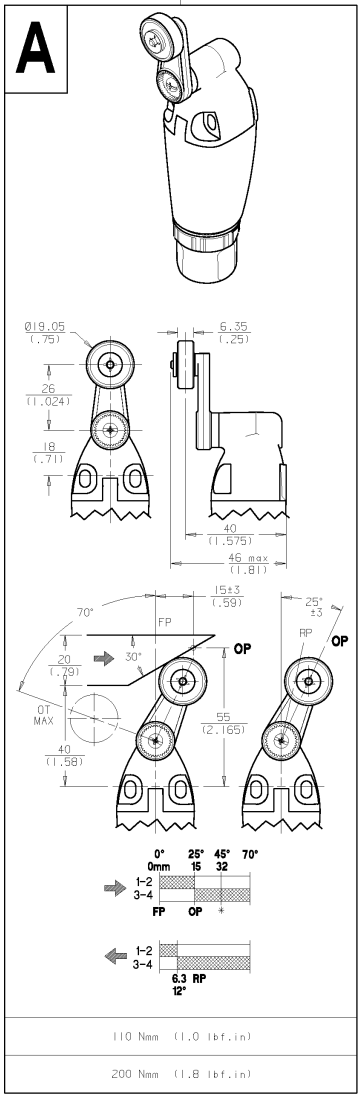
ISSUE 1 | RELEASE NUMBER | DRAWING NUMBER DR*6618 | REPLACES

REVISIONS

MODIFY ON CADSD SYSTEM ONLY

DRAWN J. BOYD | CHECK | DESIGN | AUTHOR'N | 5.01

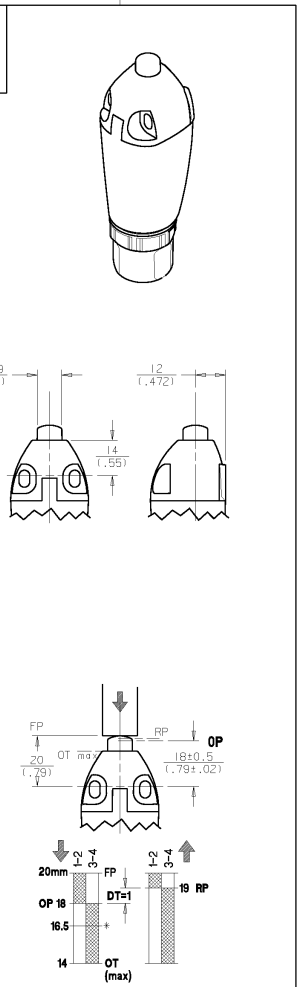
A



110 Nmm (1.0 lbf.in)

200 Nmm (1.8 lbf.in)

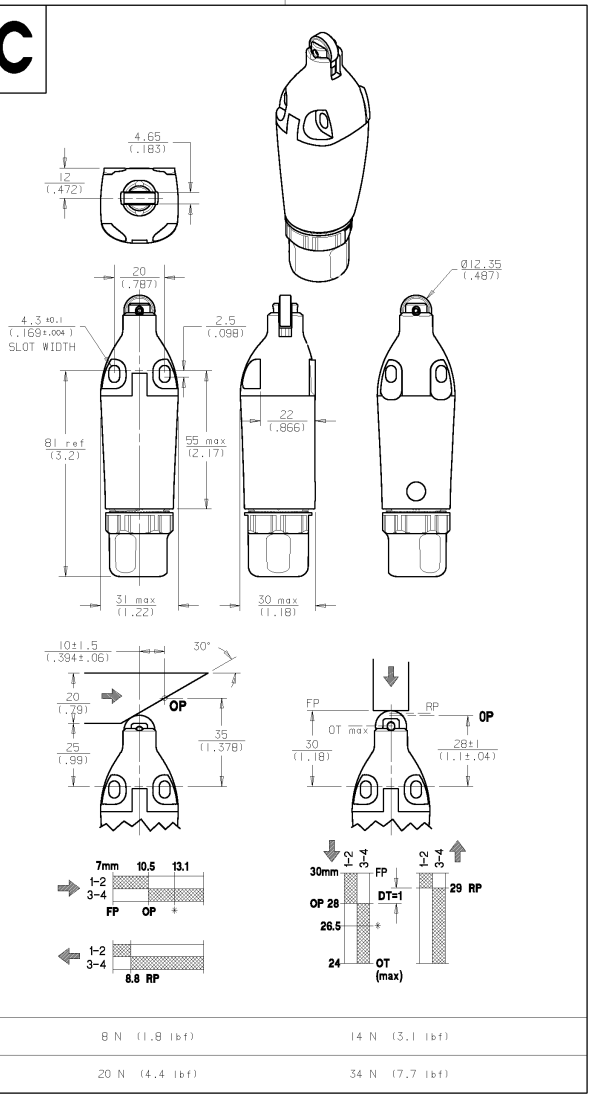
B



14 N (3.1 lbf)

34 N (7.7 lbf)

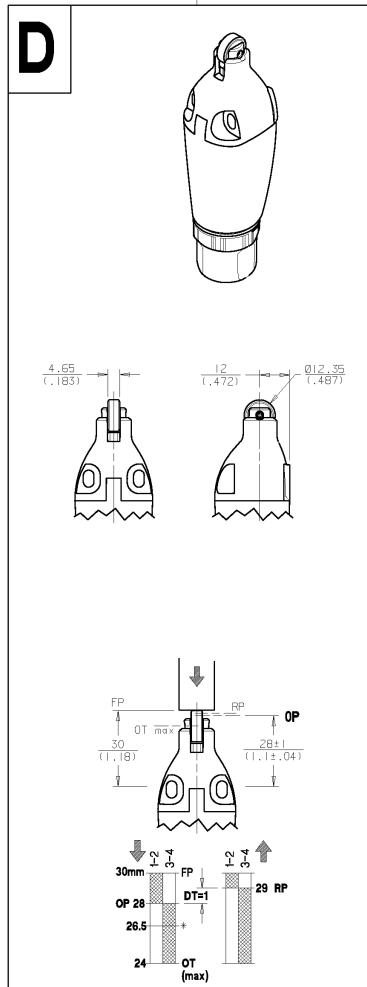
C



8 N (1.8 lbf) | 14 N (3.1 lbf)

20 N (4.4 lbf) | 34 N (7.7 lbf)

D



14 N (3.1 lbf)

34 N (7.7 lbf)

* POSITIVE OPENING IEC 947-5- ANNEX K

NOMINAL TRAVELS AND RELATED TERMINALS

CONTACT CLOSED

CONTACT OPEN

NORMAL OPERATING FORCE/TORQUE MAX
MAXIMUM DISCONNECT FORCE/TORQUE

ELECTRICAL RATING

SILVER CONTACTS		GOLD PLATED CONTACTS
AC	DC	
A300 AC15 Ue 120 240 / Ie 6 3	Q300 DC13 Ue 125 250 / Ie 0.55 0.27	NOT CURRENTLY AVAILABLE

I_{th}=10A U_i=320V U_{imp}=2500V

SCPD: 10A QUICK ACTING FUSE (IEC269.1 gG-TYPE)

ENDURANCE	ENVIRONMENTAL	MARKING/APPROVALS
MECHANICAL: 10 MILLION OPERATIONS	IP66/67 (EN60529) NEMA 1, 12, 13	CE
ELECTRICAL: 100,000 OPERATIONS	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 (IEC 68-2-27) VIBRATION: 10G (IEC 68-2-6) BUMP: 40G (IEC 68-2-29)	EN50047 IEC 947-5-1 (EN60947pt5-1) EN81-1

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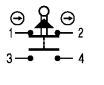
THIRD ANGLE PROJECTION | SCALE 1:1 | DIMENSIONS ARE IN MM/(INCHES).

NOTES:-

1. BLACK GLASS FILLED POLYESTER HOUSING & COVER.
2. ENCLOSURE DOUBLE INSULATED TO IEC 539 CLASS II.
3. MINIMUM OPERATING VELOCITY (Vmin) = 1.0 MM/S (THESE LIMITS APPLY TO CAM MAXIMUM OPERATING VELOCITY (Vmax) = 2.0 M/S OPERATION AS SHOWN IN THE MAXIMUM OPERATING FREQUENCY (Fmax) = 100 OPS/MIN ABOVE DIAGRAMS ONLY)
4. FREE POSITION (FP), OPERATING POINT (OP), OVERTRAVEL (OT) AND PRETRAVEL (PT) AL TO EN50047.
5. MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.5Nm (4.4in.LB)

CONTACT BLOCK DIAGRAM

SNAP-ACTION CONTACTS TYPE Z6 (4MM AIR GAP)