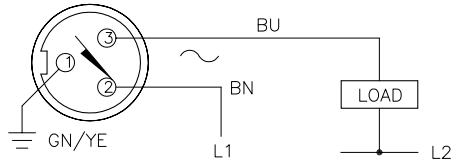
WIRING DIAGRAM

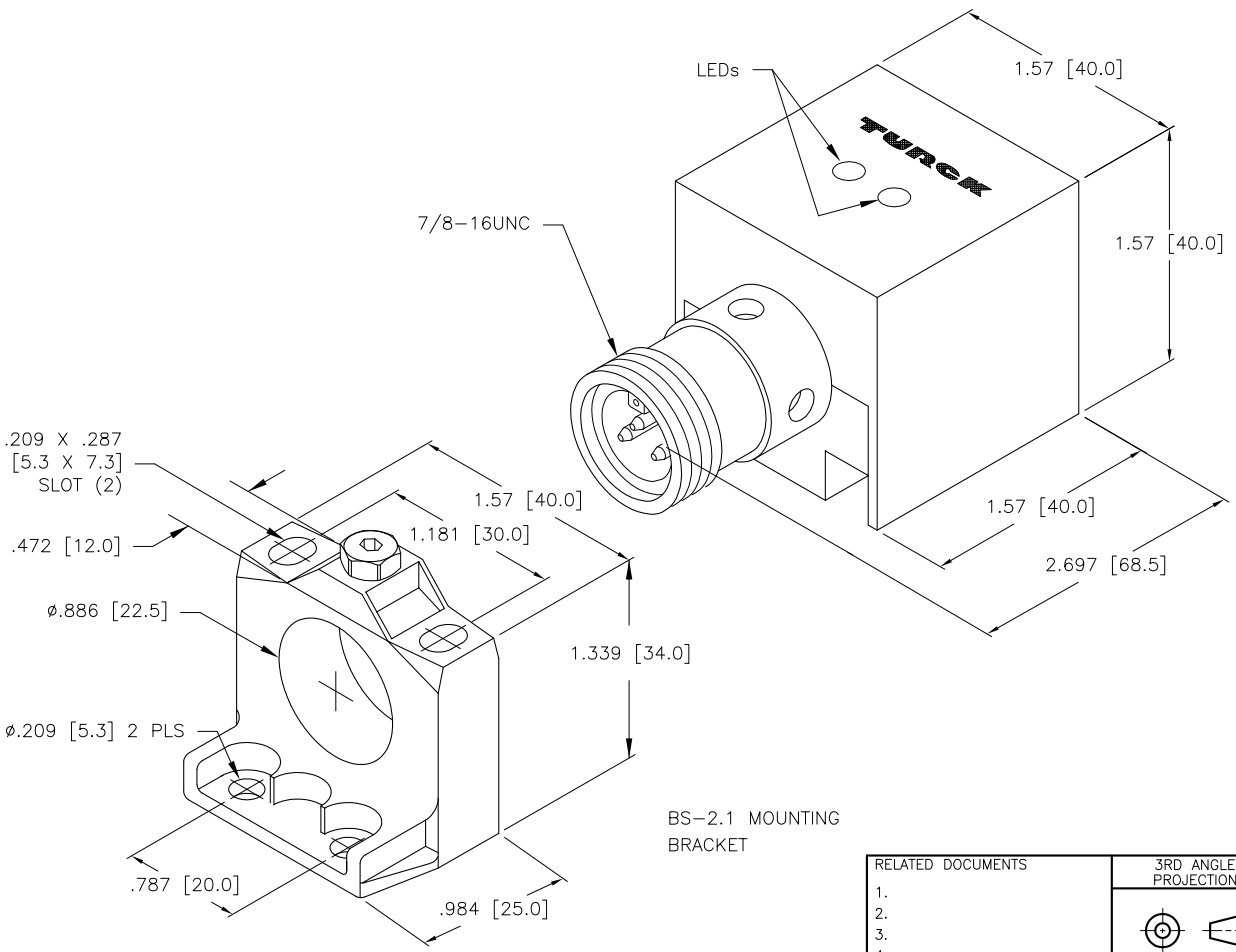


OUTPUT: ADZ30X2

SHORT–CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

OPERATING VOLTAGE	20–250 VAC 10–300 VDC
LINE FREQUENCY	40–60 Hz
DIFFERENTIAL TRAVEL (HYSTERESIS)	3–15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤6 V at 400 mA
OUTPUT FUNCTION	NORMALLY OPEN 2–WIRE AC/DC SELF–CONTAINED
SHORT–CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	>440 mA
CONTINUOUS LOAD CURRENT	≤400 mA AC, ≤300 mA DC
OFF–STATE (LEAKAGE) CURRENT	≤ 1.7 mA
MINIMUM LOAD CURRENT	3 mA
INRUSH CURRENT	≤ 4 A(≤20 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	< 120 ms
POWER–ON EFFECT PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN60947–5–2
OPERATING TEMPERATURE	0°C TO +70°C (+32°F TO +158°F) W/±10% TEMP. DRIFT
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	GREEN: POWER ON YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	20 mm = .787" (NOMINAL)
EMBEDDABLE (SHIELDED)	YES
SWITCHING FREQUENCY	60 Hz
REPEATABILITY	<2% of RATED OPERATING DISTANCE
MATING PLUGS/CABLES	3–PIN "MINIFAST" CONSTRUCTION



BS–2.1 MOUNTING BRACKET

SOURCE DRAWING - FOR REFERENCE ONLY

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE OPERATING TEMPERATURE, SEE ECO	RWC	12/09/10	33512

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL
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FRONTCAP: THERMOSET PLASTIC

FINISH

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DESCRIPTION
BI20U–CA40–ADZ30X2–B1131 W/BS 2.1

IDENTIFICATION NO. M4283290 | REV C

FILE: M4283290 | SHEET 1 OF 1