

| SPECIFICATIONS |  |
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| RATED OPERATING DISTANCE | $15 \mathrm{~mm}=.591^{\prime \prime}$ |
| MOUNTING MODE | FLUSH |
| REPEATABILITY | $\leq 2 \%$ |
| HYSTERESIS | 3-15\% |
| AMBIENT TEMPERATURE | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}\left(-13^{\circ} \mathrm{F}\right.$ to $\left.+158^{\circ} \mathrm{F}\right)$ |
| OPERATING VOLTAGE | 20-250 VAC/10-300 VDC |
| RATED OPERATIONAL CURRENT (AC/DC) | $\leq 400 \mathrm{~mA} / \leq 300 \mathrm{~mA}$ |
| MAINS FREQUENCY | $50-60 \mathrm{~Hz}$ |
| RESIDUAL CURRENT | $\leq 1.7 \mathrm{~mA}$ |
| RATED INSULATION VOLTAGE | $\leq 1.5 \mathrm{kV}$ |
| SURGE CURRENT | $\leq 3.0$ A ( $\leq 20 \mathrm{~ms} \mathrm{Max}$.5 Hz ) |
| SHORT-CIRCUIT PROTECTION | YES |
| MAX. VOLTAGE DROP | $\leq 6.0 \mathrm{~V}$ |
| WIRE BREAK PROTECTION | INCORPORATED |
| REVERSE POLARITY PROTECTION | INCORPORATED |
| OUTPUT FUNCTION | 2-WIRE, NORMALLY OPEN |
| SMALLEST OPERATING CURRENT | $\geq 3.0 \mathrm{~mA}$ |
| SWITCHING FREQUENCY | $\leq 0.02 \mathrm{kHz}$ |
| HOUSING MATERAL | BRASS/CHROME-PLATED |
| ACTIVE FACE MATERIAL | PLASTIC, PA 12 |
| END CAP MATERIAL | PLASTIC, EPTR |
| CONNECTOR | 7/8-16UN |
| VIBRATION RESISTANCE | 55 Hz (IN ALL 3 PLANES) |
| SHOCK RESISTANCE | $30 \mathrm{~g}, 11 \mathrm{~ms}$ |
| PROTECTION DEGREE | IP67 |
| SWITCHING STATUS INDICATION | LED; RED |

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| RELATED DOCUMENTS1.2.3.4. | 3RD ANGLE PROJECTION | THIS DRAWING IS CONFIDENTAL AND THE PROPERTY OF TURCK INC. USE OF THIS WRITIEN PERMISSION IS PROHIBITED. | High Technology Sensors and Automation Controls |  | 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 <br> (763) 553-0708 fax turck.com |  |
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| MATERIAL SEE SPECS | aLL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION | DRFT RDS | DATE 01/10/03 | BESCRIPTION Bi15-G30-ADZ30X2-B1131 |  |  |
|  |  | DSGN | SCALE $1=1.3$ |  |  |  |  |  |
|  |  | UNIT OF MEASUREMENT <br> INCH [ MILLIMETER ] |  | IDENTIFICATION NO. T4207202 |  | REV |
| SEE SPECS |  |  |  | B |  |  |
|  |  | DO NOT SCALE | THIS DRAWING |  |  | FILE: T4207202 | SHEET | OF |

