

WIRING DIAGRAM	
<p>BLK BRN BLU</p> <p>LOAD</p> <p>+ -</p>	
OUTPUT: AP6X SHORT-CIRCUIT AND OVERLOAD PROTECTED	
LOCKNUT LN-M18	
SPECIFICATIONS	
RATED OPERATING DISTANCE	5mm [.197"]
MOUNTING MODE	FLUSH
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	± 10%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	± 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
HOUSING MATERIAL	METAL, BRASS, CHROME-PLATED
ACTIVE FACE	PLASTIC, PA12-GF20
END CAP MATERIAL	PLASTIC, EPTR
CONNECTION	7/8-16UN
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
1. 2. 3. 4.				DRFT RDS DATE 01/18/12		DESCRIPTION BI 5-G18-AP6X-B1441 50MM	
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD J.M. SCALE 1=1.0			
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. T4696799 REV B	
DO NOT SCALE THIS DRAWING		FILE: T4696799 SHEET 1 OF 4					

B	DRAWING PROCESSED AS PART OF ECO 40518	KMY	11/30/12	40518
REV	DESCRIPTION	BY	DATE	ECO NO.