48M-1, 2, 5, 6										551	DESCRIPTION:		155561/55
	48M - X	X			X X			X		REV.	DESCRIPTION	DATE	APPROVED
SWITCH SERIES	SWITCH DESCRIPTION	HOUSING MAT'L CODE	HOUSING MATERIAL	ILLUM. CODE	ILLUMINATION	LED CODE	LED COLOR	LED VOLTAGE CODE	LED VOLTAGE	C	ADDED PC TERMS. E.C.N. 28387 REV TO COINCIDE WITH ITW EBA REV	24 AUG 2010 / 11 MAY 2012	J.R.
48M-1	MECHANICAL, MOMENTARY, SOLDER TERM	1	STAINLESS STEEL	0	NON - LIT	N	NO LED	- (BLANK)	SEE NOTE 1.	E	3. E.C.N. 28472 ADDED MMs, BI-COLOR, WIRES.	22 AUG 2012	0
48M-2	MECHANICAL, MAINTAINED, SOLDER TERM	2	ZINC ALLOY CHROME PLATE	1	CENTER SPOT	G	GREEN	05	5V FORWARD		E.C.N. 28485 MECHANICAL CHARACTERISTIC	 CS:	
48M-5	MECHANICAL, MOMENTARY, PC TERM			2	RING	R	RED		,		SWITCH CIRCUITRY: SPBUTTON TRAVEL (NOMI	NAL): [2.29] .090)
48M-6	MECHANICAL, MAINTAINED, PC TERM			3	STANDBY/ POWER SYMBOL	Α	AMBER				 OPERATING FORCE (NO CONTACT BOUNCE (NO PANEL THICKNESS: [0.5 	MINAL): 1 ms 1 to 3.05] .020 to	-
						В	BLUE				 CONTACTS: GOLD PLAT NUT TORQUE FORCE (M 	ЛАХ): [11.5 kgf/cr	m] 10 lb/in
		W WHITE RB RED/BLUE							 ENVIRONMENTAL SPEC ACTUATOR INGRESS PF OPERATING TEMPERAT 	ROTECTION: IP6	67		
			RG				RED/GREEN	(F)			NON-LIT: [-40°C to +85°C] -40°F to +185°F ILLUMINATED: [-25°C to +85°C] -13°F to +185°F		
ELECTRICAL SPECIFICATION FOR THE PROPERTY OF T									ELECTRICAL SPECIFICATIONS: MOMENTARY CURRENT		1001		
[16.8]83 - [111]83 - [20.0]									TEDMS	250 mA @ 12 VDC: 100K 150 mA @ 28 VDC: 150K	CYCLES		
BUTTON							/—Housii	NG FLAT	100 mA @ 48 VDC: 100K 10 mA @ 12 VDC: 1 MILL	ION CYCLES	_		
METAL BUTTON [3.6] 14 (2) UL STYLE 1007								SEE NO	OTE 3.	 MAINTAINED (NOMINAL) DIELECTRIC STRENGTH INSULATION RESISTANCE 	H: 1,000VAC	S	
[21.7] HOOK-UP WIRE 26 AWG STRANDED										CONTACT RESISTANCE NOTES:		OHMS MAX	
								<u>,</u>	1. CURRENT LIMITING RES	CURRENT TO	20mA.		
									 SPECIAL HEX NUT WITH AND SEALING WASHER 	HM19 x 1-6g THE ARE SUPPLIED	O IN BULK.		
METAL BUTTON — ✓ NON-LIT ILLUMINATED — 1.1 REF — [0.5] WIRE INSULATION WIRE							HODE (-) E INSULA	TION AS SHOWN WITH RESPE	ECT TO HOUSIN	IG			
POWER/STANDBY SYMBOL [2.0] SOLDER TERMINATION COLOR: RED COLOR: BLACK FLATS AND THE SWITCH TERMINATION													
BUTTON SPECIAL HEX NUT								1.18	— Ø.065±.005 ALIGNMEN	HOLE (2)			
	Ø.66 BUTTON SEALING WASHER NICKEL PLATED STEEL SEE NOTE 2. NICKEL PLATED STEEL SEE NOTE 2.							[1.40±0.13] ALIGNMENT PIN Ø.055±.005 [2.5]					
	[3.3] ———————————————————————————————————	ILLUMINATED RING [3.5]						HOLE (2) PC TERM					
	LIGHT PIPE METAL BUTTON	14 (2)						FLATS FOR	- D		[5.21]	[5.51]	
							/ POWE			ANDBY		.205	.217
							VERSION OF			TNLT:			
			1	₩		[1.	.0] 04 WIDE		[18.03]	[0.00+0.4		[1.40±0.13]	1
MET	CENTER SPOT ILLUMINATION	RING ILLUMINA	ATION METAL BEZE	L/_ -	[2.3]		.5] 2 THK (2)		[18.03] 17.98] .710	(0.89±0.1 Ø.035±.0 HOLE	005 [2.5]	— ∅.055±.005 LED HOLDE	5 HOLE (2)
	<u>SERVEROS O FIELOS MINORIOS.</u>				PC TERMI		[19.6] [19.3]		.708	LED TEI	ŘM [4.75] \	ANODE (+)	
							φ.77 Φ.76		<u> </u>		RECOMMENDED PCB HOLE PATTERN (WITH HOOK-UP WIRES CLIPPED OFF	1	
RECOM									IEL CUT-OUT		COMPONENT SIDE SCALE 2 : 1	,	
								DIMENSIONS	ARE IN E				
		RING ILLUMINATION SOLDER TERM		ILLUMINATE				[MILLIMETERS	:		AN ILLINOIS TOOL WORKS COMP		
N	ION-LIT SPOT ILLUMINATION PC TERM		ATION I		NATED			2 PLACE DECI ANGULAR ± 1.	MAL ± [0.25] .010 MAL ± [0.5] .02 2°	DWG TITI			CH
SOLE			RM	POWER/S	R/STANDBY FINANCE TERM		RoHS COMPLIANT	DATE REF: (E	REF:	CODE IDENT.	IDENT. SIZE DWG NO. 48N	M-1, 2, 5, 6	REV E
	""		T T	TT			YES NO	DRAWN CHK APP'D SUPV よか よか よか			04426	IEET 1 OF 1	,
											<u> </u>		

REVISIONS

SERIES 48M PRODUCT CODING TABLE 48M-1, 2, 5, 6