

8

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W48- X - X - X - X - X - X

SWITCH FUNCTION CODE	SWITCH FUNCTION DESCRIPTION
1	MECHANICAL,MOMENTARY, SOLDER TERMINAL (LED WIRELEADS)
2	MECHANICAL,MAINTAINE, SOLDER TERMINAL (LED WIRELEADS)
5	MECHANICAL,MOMENTARY, P.C. TERMINAL (LED WIRELEADS)
6	MECHANICAL,MAINTAINE, P.C. TERMINAL (LED WIRELEADS)

BEZEL CODE	BEZEL DESCRIPTION
RB	ROUND,BLACK
SB	SQUARE,BLACK (ONLY FOR BUSHING MOUNTING)

ILLUMINATION CODE	LED COLOR DESCRIPTION
N	NO LED
R	RED
A	AMBER
Y	YELLOW
G	GREEN
B	BLUE
W	WHITE
RG	RED/BLUE
RB	RED/GREEN

BUTTON CODE (SEE NOTE3)	BUTTON COLOR DESCRIPTION
(H)BK	BLACK
(H)RD	RED
(H)GR	GREEN
(H)BL	BLUE
(H)YL	YELLOW
(H)OR	ORANGE
(H)WH	WHITE
PK	POWER/STANDBY BLACK (ONLY FOR ROUND BEZEL &BUSHING MOUNT)

MOUNTING CODE	MOUNTING STYLE DESCRIPTION
B	BUSHING
F	SNAP-FIT (ONLY FOR ROUND BEZEL)

LED VOLTAGE CODE	LED VOLTAGE DESCRIPTION
IF BLANK	SEE LED SPEC.
05	5V (SEE NOTE 4)

NON-ILL. HIGH BUTTON

ROUND BEZEL BUSING TYPE

ROUND BEZEL BUSHING TYPE

SQUARE BEZEL BUSHING TYPE

ROUND BEZEL BUSHING TYPE

ROUND BEZEL SNAP FIT TYPE

REFERENCE PANEL CUT-OUT BUSHING MOUNT

REFERENCE PANEL CUT-OUT SNAP FIT MOUNT

PANEL THICKNESS: 1.0mm , 2.0mm , 3.0mm±00.5

MECHANICAL CHARACTERISTICS:

SWITCH CIRCUITRY: SPST-NO-DB

SWITCH ACTION: MOMENTARY AND MAINTAINED (PER CHART)

BUTTON TRAVEL: 2.3mm NOMINAL

OPERATING FORCE: 3N [306g] NOMINAL

PANEL THICKNESS:

BUSHING MOUNT: 0.5 - 3.0mm

SNAP MOUNT:1mm/2mm/3mm ±0.05

CONTACTS: GOLD PLATED

NUT TORQUE FORCE: MAX 6 kgf-cm[5.2 LB-in]

ENVIRONMENTAL SPECIFICATIONS:

ACTUATOR INGRESS PROTECTION: IP67

LIFE(MECHANICAL):

MOMENTRAY: 1,000K CYCLES

MAINTAINED : 50K CYCLES

OPERATING TEMPERATURE:

MOMENTARY: -40°C to +85°C

MAINTAINED :-40°C to +65°C

ELECTRICAL SPECIFICATIONS:

CURRENT RATINGS:

MOMENTRAY: 10mA@12VDC, 1,000K CYCLES NOMINAL

MAINTAINED : 50K CYCLES NOMINAL

DIELECTRIC STRENGTH: 1,000VAC

INSULATION RESISTANCE: 1G OHM

CONTACT RESISTANCE:

50m OHMS MAX INITIAL

CABLE: UL1007,AWG26

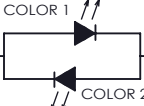
NOTE

1. CURRENT LIMITING RESISTOR IS REQUIRED
TO LIMIT LED FORWARD CURRENT TO 20mA

2. SUPPLY HEX NUT AND SEALING WASHER BULK PACKED.

3. HIGH-BUTTON OPTION, DENOTED (H), ONLY AVAILABLE FOR ROUND BEZEL AND NON-ILL.TYPE. OMIT (H) FOR STANDARD BUTTON.

4. INNER RESISTOR ONLY FOR LED :RED / BLUE / GREEN / WHITE.

LED CODE	LED SINGLE COLOR	Vf(VDC)	If (mA)	CIRCUITRY
		TYP.		
R	RED	2.0	20	RED WIRELEADS (+)  BLACK WIRELEADS (-)
A	AMBER	2.0	20	
Y	YELLOW	2.0	20	
G	GREEN	3.0	20	
B	BLUE	3.1	20	
W	WHITE	3.3	20	
LED CODE	BICOLOR LED	Vf(VDC)	If (mA)	CIRCUITRY
	COLOR1COLOR2	TYP.		
RB	REDBLUE	2.0(RED) 3.3(BLUE)	20	RED WIRELEADS (+)  BLACK WIRELEADS (-)
RG	REDGREEN	2.0(RED) 3.4(GREEN)	20	

DWG TYPE

SALES DRAWING

DRAWN

K.Y.

TOLERANCES:

UNLESS OTHERWISE NOTED

X.X ± 0.5

X.XX ± 0.25

ANGULAR ± 5°

DWG TITLE

W48- SERIES ,MECHANICAL MOMENTARY/MAINTAINED

STATUS

RELEASE

REVIEW

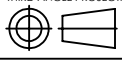
V.W.

APPROVED

V.W.

DATE

THIRD ANGLE PROJECTION



REF:

DWG NO.

W48-1,2,5,6

管制文件

非管制文件

Unit

mm

SCALE

-

REV

1

RoHS Compliant

SHEET 1 OF 3

ITW SWITCH LUMEX

