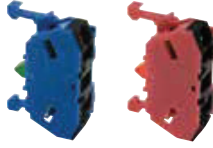


Maintenance Parts

All dimensions in mm.

Shape	Description	Part No.	Ordering No.	Package Quantity	Remarks
 For TWN/TWND, 11g approx.	NO contact	HW-U10	HW-U10	1	Housing color: Blue Push rod color: Green MAU has gold contacts
		HW-U10-MAU	HW-U10-MAU		
	NC contact	HW-U01	HW-U01	1	Housing color: Reddish purple Push rod color: Red MAU has gold contacts
		HW-U01-MAU	HW-U01-MAU		
	EM contact (early make)	HW-U10R	HW-U10R	1	Housing color: Blue Push rod color: Black MAU has gold contacts
		HW-U10R-MAU	HW-U10R-MAU		
	LB contact (late break)	HW-U01R	HW-U01R	1	Housing color: Reddish purple Push rod color: White MAU has gold contacts
		HW-U01R-MAU	HW-U01R-MAU		
Dummy Block	Polyamide	HW-DB	HW-DBPN10	10	<ul style="list-style-type: none"> For HW-U contact blocks Used when the number of contact blocks and full voltage adapters is 1 or 3.
Full Voltage Adapter	Polyamide	HW-GA1N	HW-GA1NPN02	2	<ul style="list-style-type: none"> Applicable model: Illuminated pushbuttons Illuminated selector switches Applicable load (LED lamp) LSTD-6 (6V AC/DC) LSTD-1 (12V AC/DC) LSTD-2 (24V AC/DC)
Transformer Unit	100/110V AC	HW-T16	HW-T16	1	<ul style="list-style-type: none"> Applicable model: Illuminated pushbuttons Illuminated selector switches Applicable load (LED lamp) LSTD-6 (6V AC/DC)
200/220V AC	HW-T26	HW-T26	1		
Transformer Unit	100/110V AC	TWR-016B	TWR-016B	1	<ul style="list-style-type: none"> Mounting screws are not included. See B-347 for mounting screws. Applicable load (LED lamp) LSTD-6 (6V AC/DC)
200/220V AC	TWR-026B	TWR-026B	1		

*1) For use as maintenance parts. Do not use for expansion or remodelling purposes.



LED Lamps (Use LED lamps for replacing incandescent lamps)

Model	Operating Voltage	Current Draw		Part No.	Ordering No.	Color Code	Package Quantity	Base
		DC	DC					
LSTD	6V AC/DC	7mA (R, A, W)	8mA (except S)	LSTD-6*	LSTD-6*	R, G, A, W, S, PW	1	BA9S /13
		5.5mA (G, PW)	7mA (S)		LSTD-6*PN10		10	
	12V AC/DC	10mA (except S)	11mA (except S)	LSTD-1*	LSTD-1*		1	
		8mA (S)	9mA (S)		LSTD-1*PN10		10	
24V AC/DC	10mA (except S)	11mA (except S)	LSTD-2*	LSTD-2*	1			
	8mA (S)	9mA (S)		LSTD-2*PN10	10			
LETD	6V AC/DC	14mA (R, A, W)	17mA (R, A, W)	LETD-6*	LETD-6*	R, G, A, W, S, PW	1	E12 /15
		5.5mA (G, S, PW)	8mA (G, S, PW)		LETD-6*PN10		10	
	12V AC/DC	6.5mA (10mA: at 15V)	7mA (11mA: at 15V)	LETD-8*	LETD-8*		1	
		10mA	11mA		LETD-8*PN10		10	
24V AC/DC	10mA	11mA	LETD-2*	LETD-2*	1			
	10mA	11mA		LETD-2*PN10	10			

• Specify a color code in place of * in Part No. R (red), G (green), A (amber), W (white), S (blue), PW (pure white)

• Use a PW (pure white) LED for Y (yellow) illumination.

LED lamps for replacing incandescent lamps

Incandescent Lamp				
Model (mm)	Part No.	Operating Voltage	Lamp Rating	Base
 Bulb: ø11 Length: 23	LS-6	6V AC/DC	1W (6V)	BA9S /13
	LS-8	12V AC/DC	1W (18V)	
	LS-2	18V AC/DC	1W (24V)	
	LS-3	24V AC/DC	1W (30V)	
 Bulb: ø13 Length: 34	LE-6	6V AC/DC	2W (6V)	E12 /15
	LE-8	12V AC/DC	2W (18V)	
	LE-2	18V AC/DC	2W (24V)	
	LE-3	24V AC/DC	2W (30V)	



Replacement LED Lamp			
Part No.	Color Code	Operating Voltage	Base
LSTD-6*	R, G, A, S, PW	6V AC/DC	BA9S /13
LSTD-1*		12V AC/DC	
LSTD-2*		24V AC/DC	
LSTD-2*		24V AC/DC	
LETD-6*	R, G, A, S, PW	6V AC/DC	E12 /15
LETD-8*		12V AC/DC	
LETD-2*		24V AC/DC	
LETD-2*		24V AC/DC	

- When using a commercially available incandescent lamp, choose a lamp with the same dimensions, operating voltage, and base.

- Specify a color code in place of * in Part No. R (red), G (green), A (amber), S (blue), PW (pure white)

- Use a PW (pure white) LED lamp for Y (yellow) illumination.

- For O (orange) and C (clear) color code of incandescent lamp, use A (amber) LED lamp.