

Nameplates — HW Series

Part Numbers: Nameplates

	HWAM—Black Plastic	HWAQ—Black Plastic	HWAS—Black Plastic	HWAV—Yellow Plastic
	Part Number	Part Number	Part Number	Part Number
Nameplate (blank engraving plate included)	HWAM-0B	HWAQ-0B	HWAS-0B	HWAV-0Y
Nameplate (engraved)	HWAM-①	HWAQ-①	HWAS-①	HWAV-27* HWAV-527†
Additional Insert (blank)	HWNP-0	HWNP-0	HWNP Dimensions	
Additional Insert (engraved)	HWNP-①	HWNP-①		



1. In place of ①, insert either the standard legend code from table below or custom engraving delimited by “ ”.
2. Standard engravings are available at no charge.
3. * HWAV-27 comes engraved “Emergency Stop” as shown in drawing.
4. † HWAV-527 for 80mm diameter jumbo mushroom comes engraved “Emergency Stop” as shown in drawing.

Standard Legend Codes

Pushbuttons				Pushbuttons/Selector Switches				Selector Switches	
Legend	Code	Legend	Code	Legend	Code	Legend	Code	Legend	Code
AUTO	101	OPEN	116	AUTO-MAN	201			AUTO-MAN-OFF	301
CLOSE	102	OUT	117	CLOSE-OPEN	202			AUTO-OFF-MAN	302
DOWN	103	RAISE	118	DOWN-UP	203			CLOSE-OFF-OPEN	303
EMERG.STOP	104	RESET	119	FAST-SLOW	204	REV-FOR	216	DOWN-OFF-SLOW	304
FAST	105	REVERSE	120	FOR-REV	205	RUN-JOG	217	FAST-OFF-SLOW	305
FORWARD	106	RUN	121	HAND-AUTO	206	RUN-SAFE	218	FOR-OFF-REV	306
HAND	107	SLOW	122	HIGH-LOW	207	SAFE-RUN	219	LEFT-OFF-RIGHT	307
HIGH	108	START	123	JOG-RUN	208	SLOW-FAST	220	LOWER-OFF-RAISE	308
IN	109	STOP	125	LEFT-RIGHT	209	START-STOP	221	OFF-MAN-AUTO	309
INCH	110	TEST	126	LOWER-RAISE	210	STOP-START	222	OFF-SLOW-FAST	310
JOG	111	UP	127	MAN-AUTO	211	UP-DOWN	223	OFF-1-2	311
LOW	112	O (Int'l On)	150	OFF-ON	212	O1 (Int'l OFF ON)	250	OPEN-OFF-CLOSE	312
LOWER	113	O (Int'l Off)	151	OPEN-CLOSE	213			SLOW-OFF-FAST	313
OFF	114	EMO	152	RAISE-LOWER	214			SUMMER-OFF-WINTER	314
ON	115				215			UP-OFF-DOWN	315
								1-OFF-2	316
								HAND-OFF-AUTO	317



1. To order engraved nameplates, add legend code to nameplate part number.
2. Character height based on the number of characters and size of nameplate. Standard character size is 3/16".
3. Nameplates with standard legends are the same list price as blank nameplates.
4. Nameplates have built-in anti-rotation feature for use with notched panel cut-outs. Additional anti-rotation ring (HW9Z-RL) is not necessary.

Accessories — A Series: 16mm

Switches & Pilot Devices

Appearance		Description	Used With	Part Number
		Made of metal. Used for tightening plastic locking ring during installation. Tightening torque should not exceed 3kgf-cm	Ø 5/8" (16mm) units	MT-001
			Ø 31/64" (12mm) AP2M units	MT-002
			Ø 13/32" (10mm) AP1M units	MT-003
		Made of metal. Used for removing lens or button from the housing	All pushbuttons and pilot lights	MT-101
		Made of rubber. Used for removing and replacing LED lamps in illuminated units	All illuminated pushbuttons and pilot lights	OR-77
		Prevents inadvertent switch operation. IP40 dust-tight rated. 90 degrees opening maintained	Round/Square	AL-K6
			Rectangular	AL-KH6
		Prevents inadvertent switch operation. IP65 oiltight rated 180 degrees opening, spring return	Round/Square	AL-K6SP
			Rectangular	AL-KH6SP
		Made of translucent nylon. Fits over and shields the terminals	All 5/8" (16mm) units	AL-V6
		Fits over the lens or button to provide protection from dust. (not applicable for oversize lenses or buttons)	All round units	AL-D6
			All square units	AL-DQ6
			All rectangular units	AL-DH6
		Plug-on terminal adaptor with solder terminal Plug-on terminal adaptor with PCB terminal	All 5/8" (16mm) units	AL-C6
				AL-C6V
		Fills unused panel cutouts. Made of nitrile rubber. Push-in installation from front of panel. IP65 (oiltight) rated. Fills unused panel cutouts. Made of aluminum. Screw-on locking ring from inside of panel. IP65 (oiltight) rated.	Rubber	AL-B6
			Aluminum	AL-BM6
		LED with built in current limiting resistor (with all illuminated assemblies).	5V DC	LATD-5②
			6V AC/DC	LATD-6②
			12V AC/DC	LATD-1②
			24V AC/DC	LATD-2②
		Fastens operators to panel (included with all operators).	All switches & pilot lights	HA9Z-LN
		Prevents rotation of switches in panel (included with all operators).	All switches & pilot lights	AL6-LP
		Engraving plates to allow legends underneath translucent lenses (included with all lenses).	Round standard	AL6M-W
			Square standard	AL6Q-W
			Rectangular standard	AL6H-W
			Round oversize	AL6M-MW
			Square/rectangular oversize	AL6Q-QW
		Pair of keys (#132). All key switches use same standard key.	All key selectors	AS6-SK-132PN02



1. In place of ② specify color code. A=Amber, W=White, G=Green, Y=Yellow, R=Red, S=Blue.

Illuminated Pushbuttons (Assembled)

Part Numbers: Illuminated Pushbuttons

Style	Contacts	Part Number	
		Momentary	Maintained
Extended Lens 	Transformer Type 1NO-1NC 2NO 2NC	ALW2 ④ 11⑤-② ALW2 ④ 20⑤-② ALW2 ④ 02⑤-②	AOLW2 ④ 11⑤-② AOLW2 ④ 20⑤-② AOLW2 ④ 02⑤-②
	Full Voltage 1NO-1NC 2NO 2NC	ALW29911⑤-②-③ ALW29920⑤-②-③ ALW29902⑤-②-③	AOLW29911⑤-②-③ AOLW29920⑤-②-③ AOLW29902⑤-②-③
Extended Lens with Full Shroud 	Transformer Type 1NO-1NC 2NO 2NC	ALFW2 ④ 11⑤-② ALFW2 ④ 20⑤-② ALFW2 ④ 02⑤-②	AOLFW2 ④ 11⑤-② AOLFW2 ④ 20⑤-② AOLFW2 ④ 02⑤-②
	Full Voltage 1NO-1NC 2NO 2NC	ALFW29911⑤-②-③ ALFW29920⑤-②-③ ALFW29902⑤-②-③	AOLFW29911⑤-②-③ AOLFW29920⑤-②-③ AOLFW29902⑤-②-③
∅ 29mm Mushroom Lens 	Transformer Type 1NO-1NC 2NO 2NC	ALW3 ④ 11⑤-② ALW3 ④ 20⑤-② ALW3 ④ 02⑤-②	AOLW3 ④ 11⑤-② AOLW3 ④ 20⑤-② AOLW3 ④ 02⑤-②
	Full Voltage 1NO-1NC 2NO 2NC	ALW39911⑤-②-③ ALW39920⑤-②-③ ALW39902⑤-②-③	AOLW39911⑤-②-③ AOLW39920⑤-②-③ AOLW39902⑤-②-③
∅ 40mm Mushroom Lens 	Transformer Type 1NO-1NC 2NO 2NC	ALW4 ④ 11⑤-② ALW4 ④ 20⑤-② ALW4 ④ 02⑤-②	AOLW4 ④ 11⑤-② AOLW4 ④ 20⑤-② AOLW4 ④ 02⑤-②
	Full Voltage 1NO-1NC 2NO 2NC	ALW49911⑤-②-③ ALW49920⑤-②-③ ALW49902⑤-②-③	AOLW49911⑤-②-③ AOLW49920⑤-②-③ AOLW49902⑤-②-③
Square Extended 	Transformer Type 1NO-1NC 2NO 2NC	ALQW2B ④ 11⑤-② ALQW2B ④ 20⑤-② ALQW2B ④ 02⑤-②	AOLQW2B ④ 11⑤-② AOLQW2B ④ 20⑤-② AOLQW2B ④ 02⑤-②
	Full Voltage 1NO-1NC 2NO 2NC	ALQW2B9911⑤-②-③ ALQW2B9920⑤-②-③ ALQW2B9902⑤-②-③	AOLQW2B9911⑤-②-③ AOLQW2B9920⑤-②-③ AOLQW2B9902⑤-②-③

- In place of ②, specify the Lens Color Code (see table above). Mushroom lenses not available in yellow.
- In place of ③, specify the Full Voltage Code (lamp voltage) (see table above).
- In place of ④, specify the Transformer Voltage Code (see table above).
- In place of ⑤, specify the Lamp Type Code from table above.
- For sub-assembly part numbers, see page A-135.
- For accessories, see page A-150.
- For dimensions, see page A-152.

② Lens/LED Color Code

Color	Code
Amber	A
Green	G
Red	R
Blue	S
White	W
Yellow	Y

③ Full Voltage Code

Voltage	Code
6V AC/DC	6V
12V AC/DC	12V
24V AC/DC	24V
120V AC	120V (LED only)
240V AC	240V (LED only)

④ Transformer Voltage Codes

Voltage	Code
120VAC	126
240VAC	246
480VAC	486

⑤ Lamp Type Code

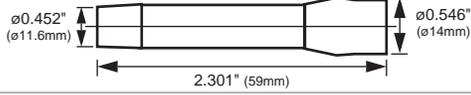
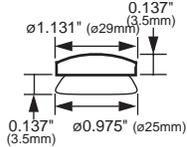
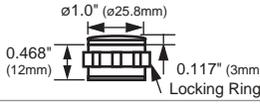
Lamp	Code
Incandescent	Blank
LED	D

Mushroom lenses not available in yellow.

Transformers step down to 6V (use 6V lamp).

Accessories — LW Series

Switches & Pilot Devices

Style	Description/Usage	Part Number
Ring Wrench (optional) 	1. Metallic tool used for tightening the plastic locking ring when installing the LW series on a panel. 2. Tightening torque should not exceed 1.2N-m (12 kgf-cm) when tightening a locking ring.	LW9Z-T1
Lamp Holder Tool (optional) 	Rubber tool used for replacing incandescent or LED lamps installed in illuminated switches and pilot lights and pilot lights 	OR-55
Terminal Cover (for solder tab terminal) 	Nylon cover for pushbuttons and selectors with solder terminals snaps onto contact block. (Insert the lead wires through terminal cover holes before wiring.)	LW-VL2
Terminal Cover (for screw terminal) 	Nylon cover for pushbuttons and selectors for screw terminals snaps onto contact block. (Insert the lead wires through terminal cover holes before wiring.)	LW-VL2M
Terminal Cover (for short body pilot light with solder tab terminal) 	Nylon cover for short body pilot lights with solder terminals.	LW-PVL
Terminal Cover (for short body pilot light with screw terminal) 	Nylon cover for short body pilot lights with screw terminals.	LW-PVLM
Rubber Mounting Hole Plug 	Black rubber plug fills unused 22mm panel cutouts. 	OB-31
Metallic Mounting Hole Plug 	1. Used for plugging unnecessary mounting holes in the panel. Tighten the attached locking ring to a torque of 1.2N-m (12kgf-cm) maximum 2. Degree of Protection: IP66 	LW9Z-BM
Replacement Marking Plates 	White plastic engraving plate for use on all illuminated units (included in each lens). May be used to capture printed mylar insert (not supplied by IDEC) under lens face.	LW9Z-P1-W (round) LW9Z-P2-W (square) ALW3B (mushroom)
Anti-Rotation Ring 	Prevents rotation of switches in panel. (included with all selector and key switches only)	LW9Z-L
Replacement Keys 	One pair of keys. (#231)	KG9Z-SK-231PN02
Replacement Locking Ring 	Use to secure operator to panel. (included with all assembled switches and operators)	LW9Z-LN

 For replacement lamps, see previous page.