

Stop Switches (Assembled)



To be used for interpreting part numbers only, not for part number development.

Assembled Stop Switches

A V (L) W 4 (B) (99) 11 (D) - R - (24V)

Function

V: Pushlock Turn Reset
Y: Push-Pull
X: Pushlock Key Reset

Illumination

Blank: None
L: Illuminated

Series Designation

W: TW Series

Button/Lens Size

3: 29mm Mushroom
4: 40mm Mushroom

Lens Type

(illuminated units only)
Blank: Standard (ribbed)
B: Engravable (smooth with insert)

Illuminated Circuit

(illuminated unit only)
99: Full Voltage (LED determines voltage)
126: 120V AC Step Down Transformer
246: 240V AC Step Down Transformer
486: 480V AC Step Down Transformer

Lamp Voltage

(full voltage illuminated units only)

6V: 6V AC/DC
12V: 12V AC/DC
24V: 24V AC/DC
120V: 120V AC
240V: 240V AC

Button/Lens Color

A: Amber R: Red W: White
G: Green S: Blue Y: Yellow
B: Black

Lamp Type

(illuminated units only)

D: LED

Contact Arrangement

10: 1NO 01: 1NC
20: 2NO 02: 2NC
11: 1NO/1NC 22: 2NO/2NC

Stop Switches (Assembled), continued

Non-Illuminated Stop Switches

Style	Contacts	Part Number
 Ø 40mm Pushlock Turn Reset*	1NO	AVW410-R*
	1NC	AVW401-R*
	1NO-1NC	AVW411-R*
	2NO	AVW420-R*
	2NC	AVW402-R*
 Ø 29mm Pushlock Turn Reset*	1NO	AVW310-R*
	1NC	AVW301-R*
	1NO-1NC	AVW311-R*
	2NO	AVW320-R*
	2NC	AVW302-R*
 Ø 40mm Push-Pull	1NO	AYW410-①
	1NC	AYW401-①
	1NO-1NC	AYW411-①
	2NO	AYW420-①
	2NC	AYW402-①
 Ø 40mm Pushlock Key Reset*	1NO	AXW410- R*
	1NC	AXW401- R*
	1NO-1NC	AXW411- R*
	2NO	AXW420- R*
	2NC	AXW402- R*

1. *Available in Red only.
 2. In place of ①, specify the Button Color Code from table.
 3. For sub-assembled part numbers, see next page.
 4. For accessories, see page 728.
 5. For dimensions, see page 730.

Illuminated Stop Switches

Style	Type	Contacts	Part Number
 Ø 40mm Pushlock Turn Reset Type	Transformer	1NO-1NC	AVLW4 ④ 11D-R*
		2NO	AVLW4 ④ 20D-R*
		2NC	AVLW4 ④ 02D-R*
 Ø 29mm Pushlock Turn Reset	Full Voltage	1NO-1NC	AVLW49911D-R*-③
		2NO	AVLW49920D-R*-③
		2NC	AVLW49902D-R*-③
 Ø 40mm Push-Pull	Transformer	1NO-1NC	AVLW3④11D-R*
		2NO	AVLW3④20D-R*
		2NC	AVLW3④02D-R*
 Ø 40mm Push-Pull	Full Voltage	1NO-1NC	AYLW4 ④ 11D-②
		2NO	AYLW4 ④ 20D-②
		2NC	AYLW4 ④ 02D-②
 Ø 40mm Push-Pull	Full Voltage	1NO-1NC	AYLW49911D-②-③
		2NO	AYLW49920D-②-③
		2NC	AYLW49902D-②-③

1. *Available in red only.
 2. In place of ②, specify the Lens Color Code (see table above).
 3. In place of ③, specify the Full Voltage Code (lamp voltage) (see table above).
 4. In place of ④, specify the Transformer Voltage Code (see table above).
 5. For sub-assembly part numbers, see next page.
 6. For accessories, see page 728.
 7. For dimensions, see page 730.

① Button Color Codes

Color	Code
Black	B
Green	G
Red	R
Blue	S
White	W
Yellow	Y

② LED/Lens Color Codes

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

③ Full Voltage Codes

Voltage	Code
6V AC/DC	6V
12V AC/DC	12V
24V AC/DC	24V
120V AC	120V
240V AC	240V

④ Transformer Voltage Codes

Voltage	Code
120VAC	126
240VAC	246
480VAC	486



Transformers step down to 6V.

Stop Switches (Sub-Assembled)

Transformer/ Adaptor*	+	Contacts	+	Lamp Holder	+	Operator	+	Lamp	+	Button or Lens	=	Complete Part
--------------------------	---	----------	---	-------------	---	----------	---	------	---	----------------	---	---------------



*Not applicable for full voltage units

Operators

Style	Part Number	
	Non-Illuminated	Illuminated
Ø 29/Ø 40mm Pushlock Turn Reset 	AVW-300	AVLW3-0600
Ø 40mm Push-Pull 	AYW-400	AYLW4-0600
Ø 40mm Pushlock Key Reset 	AXW-300	—

Buttons

Style	Part Number
Ø 40mm Pushlock Turn Reset 	AVW4B-R*
Ø 29mm Pushlock Turn Reset 	AVW3B-R*
Ø 40mm Push-Pull 	AYW4B-①
Ø 40mm Pushlock Key Reset 	AXW4B-R*



- *Available in Red only
- In place of ①, specify the button color code from table.

Lamps

Style	Voltage	Part Number
LED 	6V AC/DC	LSTD-6②
	12V AC/DC	LSTD-1②
	24V AC/DC	LSTD-2②
	120V AC	LSTD-H2②
	240V AC	LSTD-M4②



- In place of ②, specify the LED color code.
- The LED contains a current-limiting resistor and a protection diode.

① Button Color Codes

Color	Code
Black	B
Green	G
Red	R
Blue	S
White	W
Yellow	Y

② LED/Lens Color Codes

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

Illuminated Stop Switches (Sub-Assembled) continued

Lenses

Style	Part Number	
	Standard	Engravable
Ø 29mm Head Pushlock Turn Reset	AVLW3LU-R*	AVLW3BLU-R*
		
Ø 40mm Head Pushlock Turn Reset	AVLW4LU-R*	AVLW4BLU-R*
		
Ø 40mm Head Push Pull	AYLW4LU-②	AYLW4BLU-②
		

-  1. In place of ②, specify the lens color code from table on previous page.
 2. *Available only in red
 3. Standard lenses have ribbed pattern, Engravable lenses are smooth and include an engravable insert.

Lamp Circuit Components

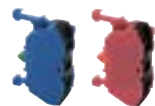
Style	Application	Part Number
Long Lamp Holder	Used with Full-size Transformer and two contact blocks	TW-LH2
		
Lead Holder	Used with TW-LH2 holder when using four contact blocks and transformer	HW-LH3
		

Transformers/Full Voltage Modules

Style	Description	Part Number
Full Size Transformer	120V AC	TW-F126B
	240V AC	TW-F246B
	480V AC	TW-F486B
	Finger-Safe	
Dummy Block with Full Voltage Adaptor	For use with odd number of contacts.	HW-DA1FBN
Full Voltage Adaptor	For use with even number of contacts.	TW-DA1FB

 All Transformers step down to 6V (use 6V LED).

Contact Blocks

Style	Contacts	1NO	1NC
	Finger-Safe	HW-U10-F	HW-U01-F
	Spring-Up Terminal	HW-U10R-F (early make)	HW-U01R-F (late break)
	Dummy Block	HW-DB	

-  1. Dummy blocks (no contacts) are used with an odd number of contact blocks.
 2. Use of early and late break contacts creates a make before break function