

E-Stops (Assembled)



Assembled E-Stops

A V (L) W 4 (B) (99) 11 (D) (N) - 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 (lamp 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 (LED only)
 240V: 240V AC (LED only)

Button/Lens Color

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

Contact Terminal Style

Blank: Standard
 N: Fingersafe (IP20)

Lamp Type

(illuminated units only)
 Blank: Incandescent
 D: LED

Contact Arrangement





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



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




E-Stops (Assembled) continued

Non-Illuminated E-Stops

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-⊙
	1NC	AYW401-⊙
	1NO-1NC	AYW411-⊙
	2NO	AYW420-⊙
	2NC	AYW402-⊙
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 ⊙, specify the Button Color Code from table.
- 3. For sub-assembled part numbers, see next page.
- 4. For accessories, see page 593.
- 5. For dimensions, see page 595.

Illuminated E-Stops

Style	Type	Contacts	Part Number
Ø 40mm Pushlock Turn Reset Type 	Transformer	1NO-1NC 2NO 2NC	AVLW4 ⊕ 11 ⊕-R* AVLW4 ⊕ 20 ⊕-R* AVLW4 ⊕ 02 ⊕-R*
	Full Voltage	1NO-1NC 2NO 2NC	AVLW49911 ⊕-R*-⊙ AVLW49920 ⊕-R*-⊙ AVLW49902 ⊕-R*-⊙
	Transformer	1NO-1NC 2NO 2NC	AVLW3 ⊕ 11 ⊕-R* AVLW3 ⊕ 20 ⊕-R* AVLW3 ⊕ 02 ⊕-R*
Ø 29mm Pushlock Turn Reset 	Transformer	1NO-1NC 2NO 2NC	AVLW39911 ⊕-R*-⊙ AVLW39920 ⊕-R*-⊙ AVLW39902 ⊕-R*-⊙
	Full Voltage	1NO-1NC 2NO 2NC	AVLW39911 ⊕-R*-⊙ AVLW39920 ⊕-R*-⊙ AVLW39902 ⊕-R*-⊙
	Transformer	1NO-1NC 2NO 2NC	AYLW4 ⊕ 11 ⊕-⊙ AYLW4 ⊕ 20 ⊕-⊙ AYLW4 ⊕ 02 ⊕-⊙
Ø 40mm Push-Pull 	Transformer	1NO-1NC 2NO 2NC	AYLW4 ⊕ 11 ⊕-⊙ AYLW4 ⊕ 20 ⊕-⊙ AYLW4 ⊕ 02 ⊕-⊙
	Full Voltage	1NO-1NC 2NO 2NC	AYLW49911 ⊕-⊙-⊙ AYLW49920 ⊕-⊙-⊙ AYLW49902 ⊕-⊙-⊙
	Transformer	1NO-1NC 2NO 2NC	AYLW4 ⊕ 11 ⊕-⊙ AYLW4 ⊕ 20 ⊕-⊙ AYLW4 ⊕ 02 ⊕-⊙

- 1. *Available in red only.
- 2. In place of ⊙, specify the Lens Color Code (see table above).
- 3. In place of ⊙, specify the Full Voltage Code (lamp voltage) (see table above).
- 4. In place of ⊕, specify the Transformer Voltage Code (see table above).
- 5. In place of ⊙, specify the Lamp Type Code from table above.
- 6. For sub-assembly part numbers, see next page.
- 7. For accessories, see page 593.
- 8. For dimensions, see page 595.

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 (LED only)
240V AC	240V (LED only)

④ Transformer Voltage Codes

Voltage	Code
120VAC	126
240VAC	246
480VAC	486

 Transformers step down to 6V.

⑤ Lamp Type Codes

Lamp	Code
Incandescent	Blank
LED	D

E-Stops (Sub-Assembled)






*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-Ⓞ
Ø 40mm Pushlock Key Reset 	AXW4B-R*

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

Contact Blocks

Style	Voltage	Part Number
LED 	6V AC/DC	LSTD-6Ⓞ
	12V AC/DC	LSTD-1Ⓞ
	24V AC/DC	LSTD-2Ⓞ
	120V AC	LSTD-H2Ⓞ
	240V AC	LSTD-M4Ⓞ
Incandescent 	6V AC/DC	IS-6
	12V AC/DC	IS-12
	24V AC/DC	IS-24

- 1. In place of Ⓞ, specify the LED color code.
- 2. 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

Switches & Pilot Lights
Display Lights
Relays & Sockets
Timers
Terminal Blocks
Circuit Breakers




Illuminated E-Stops (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-Ⓢ	AYLW4BLU-Ⓢ

- 1. In place of Ⓢ, 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 engraving insert.

Lamp Circuit Components




Style	Application	Part Number
Short Lamp Holder 	Used with a Half-size Transformer and one contact block	TW-LH1
Long Lamp Holder 	Used with Full-size Transformer and two contact blocks Used with Half-size Transformer and three contact blocks Used with Full Voltage Adaptor and two contact blocks	TW-LH2
Lead Holder 	Used with TW-LH2 holder when using four contact blocks	HW-LH3

Transformers/Full Voltage Modules

Style	Description	Part Number
Full Size Transformer 	Standard	120V AC TW-T126B
		240V AC TW-T246B
		480V AC TW-T486B
	Fingersafe	120V AC TW-F126B
		240V AC TW-F246B
	480V AC TW-F486B	
Half Size Transformer 	120V AC	TW-T126SB
	240V AC	TW-T246SB
Full voltage model (use with even number of contacts) 	Standard	TW-DA1B
	Fingersafe	TW-DA1FB
Full voltage model (use with odd number of contacts) 	Standard	HW-DA1B
	Fingersafe	HW-DA1FB

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

Contact Blocks

Style	Part Number	
	1NO	1NC
Standard Exposed Screw 	HW-C10	HW-C01
	HW-C10R (early make)	HW-C01R (late break)
Fingersafe (IP20), CE marked 	HW-F10	HW-F01
	HW-F10R (early make)	HW-F01R (late break)
Dummy Block 	TW-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

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers