

Stop Switches (Assembled)



Assembled Stop Switches

	A	V	(L)	D	3	22	11	D	NU	R	
Function		V: Pushlock Turn Reset Y: Push-Pull									Button/Lens Color Code
Illumination											A: Amber G: Green R: Red S: Blue W: White Y: Yellow
Series Designation				D: TWND Series							(illuminated units only) D: LED
Button/Lens Size					3: 40mm Mushroom						Contact Arrangement
Illumination Circuit											10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO-1NC 22: 2NO-2NC

1. Use only when interpreting part numbers. Do not use for developing part numbers.
2. Custom contact configurations available, contact IDEC for details.

Stop Switches (Assembled)

Stop Switches

Style	Contacts	Part Number
ø 40mm Pushlock Turn Reset 	1NO 1NC 1NO-1NC 2NO 2NC	AVD310NUR* AVD301NUR* AVD311NUR* AVD320NUR* AVD302NUR*
ø 40mm Illuminated Pushlock Turn Reset 	1NO-1NC 2NO 2NC	AVLD3③11DNUR* AVLD3③20DNUR* AVLD3③02DNUR*
ø 40mm Push-Pull 	1NO 1NC 1NO-1NC 2NO 2NC	AYD310NU① AYD301NU① AYD311NU① AYD320NU① AYD302NU①
ø 40mm Illuminated Push-Pull 	1NO-1NC 2NO 2NC	AYLD3③11DNU② ** AYLD3③20DNU② ** AYLD3③02DNU② **
	1NO-1NC 2NO 2NC	AYLD3④11DNU② ** AYLD3④20DNU② ** AYLD3④02DNU② **

① Button Color Codes

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

② Lens Color Codes

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

③ Full Voltage Codes

Voltage	Code
6V AC/DC	66
12V AC/DC	11
24V AC/DC	22
120V AC	QH2
240V AC	QM4

④ Transformer Voltage Codes

Voltage	Code
120VAC	126
240VAC	246
480VAC	486



Transformers step down to 6V.



1. In place of ①, specify the button color code.
2. In place of ②, specify the lens color code.
3. In place of ③, specify the Full Voltage (lamp voltage) Code.
4. * Only available in red.
5. In place of ④, specify the transformer voltage code.
6. **Not available in blue.
7. For sub-assembly part numbers, see next page.
8. For nameplates and accessories, see page 825 and page 823.
9. For dimensions, see page 828.

Stop Switches (Sub-Assembled)



* Not required for full voltage units.

Operators

Style		Part Number
ø40mm Illuminated and Non-illuminated Pushlock Turn Reset		AVD000T8
ø 40mm Illuminated and Non-illuminated Push-Pull		AYD000T8

Buttons and Lenses

Style		Part Number
Button for Pushlock Turn Reset Stop Switches (ø40mm, red only)		AVN3B-R
Lens for Illuminated Pushlock Turn Reset Stop Switches (ø40mm, red only)		AVLN3LD-R-K
Button for Push-Pull Stop Switches (ø40mm)		AYD3BN-①
Lens for Illuminated Push-Pull Stop Switches (ø40mm)	2 pos*	AYLD3LD-②-K

1. In place of ①, specify the Button Color Code. (See table below)
2. In place of ②, specify the lens Color Code.
3. *Not available in blue.

Lamp Circuit Components

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

LEDs

Style	Voltage	Part Number
	6V AC/DC	LSRD-6
	12V AC/DC	LSRD-1
	24V AC/DC	LSRD-2
	120V AC/DC	LSRD-H2
	240V AC	LSRD-M4



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

② Lens Color Codes

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

① Button Color Codes

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

Contact Blocks

Style		Part Number	
		1NO	1NC
All Control Units		HW-U10-F	HW-U01-F
		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. Combining HW-U10R-F and HW-U01R-F result in overlapping contacts.

Transformers

Style	Primary Voltage (50/60Hz)	Part Number
	120V AC	TW-F126B
	240V AC	TW-F246B
	480V AC	TW-F486B



6V secondary voltage (uses 6V LED).

Full Voltage Modules

Style		Description	Part Number
Dummy Block with Full Voltage Adaptor		For use with odd number of contacts.	Finger-Safe HW-DA1FBN
Full Voltage Adaptor		For use with even number of contacts.	Finger-Safe TW-DA1FB



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