

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			Blank: None L: Illuminated								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.

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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).