IDEC

# TW Series - 22mm NEMA Style Pushbuttons



### TW NEMA Style Switches with snap-on contacts

Kev features include:

- Corrosion resistant octagonal chrome plated locking bezel
- Snap-on 10A contact blocks
- Incandescent or LED illumination
- Slow make, double break, self cleaning contacts
- Modular construction for maximum flexibility
- NEMA 4X and IP65 watertight/oiltight panel
- Available assembled or as sub-components
- Large M3.5 screw terminals with captive sems plate







IDEC has your 22mm switching needs covered.

Button styles include flush, extended, mushroom, or square and all bodies are crafted from fracture-resistant nylon.

All illuminated units feature two lense styles, one that maximizes light dispersion, the other accommodates direct lens engraving.

Self cleaning contact mechanisms allow for a wide current rating, 5mA to 10A, which reduces the need for various contact materials.

When looking for a 22mm switch that is durable, easy to use, and versatile, then IDEC's TW series is your solution.





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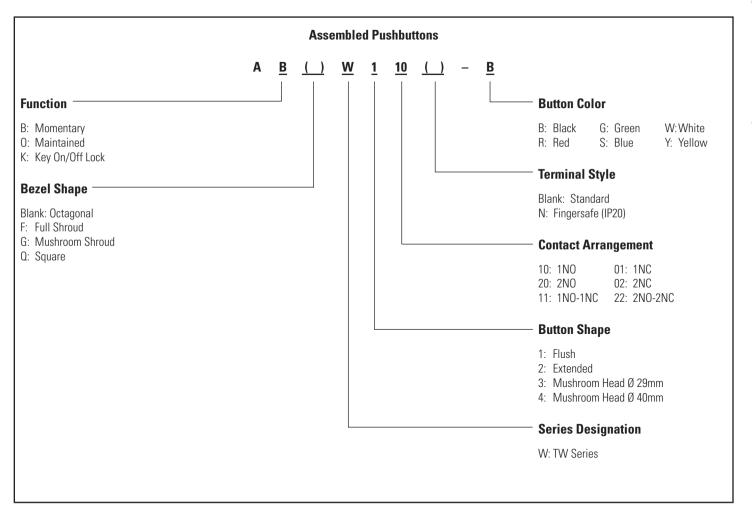
	Contact Ratings by Utilization Category									
Characteristics	Operational Voltage			24V	48V	50V	110V	220V	440V	
	Operational Current	AC50/60Hz	AC-12 Control of resistive loads and solid state loads	10A	_	10A	10A	6A	2A	
			AC-15 Control of electromagnetic loads (> 72VA)	10A	_	7A	5A	3A	1A	
		DC	DC-12 Control of resistive loads and solid state loads	8A	5A	_	2.2A	1.1A	_	
			DC-13 Control of electromagnets	5A	2A	_	1.1A	0.6A	_	

DC-13 (P600)

IEC 60947-5-1

## **Non-Illuminated Pushbuttons (Assembled)**







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

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# Circuit Breakers

# Non-Illuminated Pushbuttons (Assembled) continued

#### **Non-Illuminated Pushbuttons**

Non-Illuminated Pushbuttons								
	Style	Contacts	Momentary Action	Maintained Action				
Flush		1NO 1NC 1NO-1NC 2NO 2NC	ABW110-① ABW101-① ABW111-① ABW120-① ABW102-①	A0W110-① A0W101-① A0W111-① A0W120-① A0W102-①				
Extended		1NO 1NC 1NO-1NC 2NO 2NC	ABW210-① ABW201-① ABW211-① ABW220-① ABW202-①	A0W210-① A0W201-① A0W211-① A0W220-① A0W202-①				
Recessed		1NO 1NC 1NO-1NC 2NO 2NC	ABFW110-① ABFW101-① ABFW111-① ABFW120-① ABFW102-①	A0FW110-① A0FW101-① A0FW111-① A0FW120-① A0FW102-①				
Extended with Full Shroud	O HISTORY OF THE PARTY OF THE P	1NO 1NC 1NO-1NC 2NO 2NC	ABFW210-① ABFW201-① ABFW211-① ABFW220-① ABFW220-①	A0FW210-① A0FW201-① A0FW211-① A0FW220-① A0FW202-①				
Ø 29mm Mushroom Head		1NO 1NC 1NO-1NC 2NO 2NC	ABW310-① ABW301-① ABW311-① ABW320-① ABW302-①	A0W310-① A0W301-① A0W311-① A0W320-① A0W302-①				
Ø 40mm Mushroom Head		1NO 1NC 1NO-1NC 2NO 2NC	ABW410-① ABW401-① ABW411-① ABW420-① ABW402-①	A0W410-① A0W401-① A0W411-① A0W420-① A0W402-①				
Ø 40mm Mushroom Head with Full Shroud		1NO 1NC 1NO-1NC 2NO 2NC	ABGW410-① ABGW401-① ABGW411-① ABGW420-① ABGW402-①	A0GW410-① A0GW401-① A0GW411-① A0GW420-① A0GW402-①				
Square Flush		1NO 1NC 1NO-1NC 2NO 2NC	ABQW110-① ABQW101-① ABQW111-① ABQW120-① ABQW102-①	A00W110-① A00W101-① A00W111-① A00W120-① A00W102-①				
Square Extended		1NO 1NC 1NO-1NC 2NO 2NC	ABQW210-① ABQW201-① ABQW211-① ABQW220-① ABQW220-①	A00W210-① A00W201-① A00W211-① A00W220-① A00W202-①				
Keylock Push On/Off		1NO 1NC 1NO-1NC 2NO 2NC	AKW210 AKW201 AKW211 AKW220 AKW202	-				

### ① Button Color Codes

Color	Code
Black	В
Green	G
Red	R
Blue	S
Yellow	Υ
White	W

- 1. In place of ①, specify the Button Color Code from table.
- For sub-assembled part numbers, see next page.
   For accessories, see page593.
- 4. For dimensions, see page 595.
- 5. Keyed switches are supplied with two keys. All units are keyed alike.