











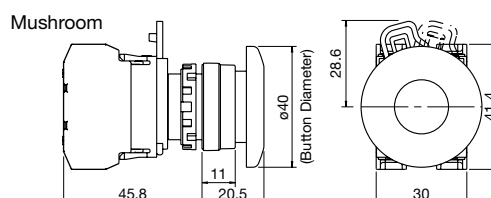
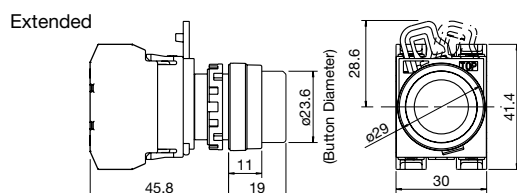
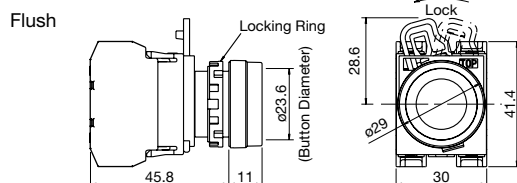
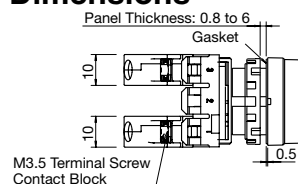


Package Quantity: 1

Shape	Operation	Contact	Contact Block Mounting Position			Part No.	① Button Color Code
			1	2	3		
Flush    	Momentary	1NO	NO	—	—	YW1B-M1E10①	B: black G: green R: red S: blue W: white Y: yellow
		1NC	—	—	NC	YW1B-M1E01①	
		2NO	NO	—	NO	YW1B-M1E20①	
		2NC	NC	—	NC	YW1B-M1E02①	
		1NO-1NC	NO	—	NC	YW1B-M1E11①	
		3NO	NO	NO	NO	YW1B-M1E30①	
		3NC	NC	NC	NC	YW1B-M1E03①	
		2NO-1NC	NO	NC	NO	YW1B-M1E21①	
		1NO-2NC	NO	NC	NC	YW1B-M1E12①	
	Maintained	1NO	NO	—	—	YW1B-A1E10①	
		1NC	—	—	NC	YW1B-A1E01①	
		2NO	NO	—	NO	YW1B-A1E20①	
		2NC	NC	—	NC	YW1B-A1E02①	
		1NO-1NC	NO	—	NC	YW1B-A1E11①	
Extended    	Momentary	1NO	NO	—	—	YW1B-M2E10①	B: black G: green R: red S: blue W: white Y: yellow
		1NC	—	—	NC	YW1B-M2E01①	
		2NO	NO	—	NO	YW1B-M2E20①	
		2NC	NC	—	NC	YW1B-M2E02①	
		1NO-1NC	NO	—	NC	YW1B-M2E11①	
	Maintained	1NO	NO	—	—	YW1B-A2E10①	
		1NC	—	—	NC	YW1B-A2E01①	
		2NO	NO	—	NO	YW1B-A2E20①	
		2NC	NC	—	NC	YW1B-A2E02①	
		1NO-1NC	NO	—	NC	YW1B-A2E11①	
Mushroom ø40mm    	Momentary	1NO	NO	—	—	YW1B-M4E10①	B: black G: green R: red S: blue W: white Y: yellow
		1NC	—	—	NC	YW1B-M4E01①	
		2NO	NO	—	NO	YW1B-M4E20①	
		2NC	NC	—	NC	YW1B-M4E02①	
		1NO-1NC	NO	—	NC	YW1B-M4E11①	
	Maintained	1NO	NO	—	—	YW1B-A4E10①	
		1NC	—	—	NC	YW1B-A4E01①	
		2NO	NO	—	NO	YW1B-A4E20①	
		2NC	NC	—	NC	YW1B-A4E02①	
		1NO-1NC	NO	—	NC	YW1B-A4E11①	

Note: Specify a button color code in place of ① in the Part No.

## Dimensions







### Contact Block Mounting Position



All dimensions in mm.

## Selector Switches with Plastic Bezel

Package Quantity: 1

Shape						Knob					
											
						  					
No. of Positions	Contact Configuration	Contact Block Mounting Position		Operator Position			Maintained	Spring Return from Right	—	—	
				L	R	—					
<div>90° 2-Position</div> <div><div>L</div><div>R</div></div>	1NO (10)	1	NO		●		YW1S-2E10	YW1S-21E10	—	—	
		2									
		3									
	1NC (01)	1						YW1S-2E01	YW1S-21E01	—	—
		2									
		3	NC	●							
	2NO (20)	1	NO		●		YW1S-2E20	YW1S-21E20	—	—	
		2									
		3	NO		●						
	2NC (02)	1	NC	●			YW1S-2E02	YW1S-21E02	—	—	
		2									
		3	NC	●							
	1NO-1NC (11)	1	NO		●		YW1S-2E11	YW1S-21E11	—	—	
		2									
		3	NC	●							
	3NO (30)	1	NO		●		YW1S-2E30	YW1S-21E30	—	—	
		2	NO		●						
		3	NO		●						
	3NC (03)	1	NC	●			YW1S-2E03	YW1S-21E03	—	—	
		2	NC	●							
		3	NC	●							
2NO-1NC (21)	1	NO		●		YW1S-2E21	YW1S-21E21	—	—		
	2	NC	●								
	3	NO		●							
1NO-2NC (12)	1	NO		●		YW1S-2E12	YW1S-21E12	—	—		
	2	NC	●								
	3	NC	●								
No. of Positions	Contact Configuration	Contact Block Mounting Position		Operator Position			Maintained	Spring Return from Right	Spring Return from Left	Spring Return Two-Way	
				L	C	R					
<div>45° 3-Position</div> <div><div>L</div><div>C</div><div>R</div></div>	2NO (20)	1	NO	●			YW1S-3E20	YW1S-31E20	YW1S-32E20	YW1S-33E20	
		2									
		3	NO								●
	2NO (20N1)	1						YW1S-3E20N1	YW1S-31E20N1	YW1S-32E20N1	YW1S-33E20N1
		2	NO	●			●				
		3	NO				●				
	2NC (02)	1	NC					YW1S-3E02	YW1S-31E02	YW1S-32E02	YW1S-33E02
		2									
		3	NC								
	2NC (02N1)	1						YW1S-3E02N1	YW1S-31E02N1	YW1S-32E02N1	YW1S-33E02N1
		2	NC		●						
		3	NC								
	1NO-1NC (11)	1	NO	●				YW1S-3E11	YW1S-31E11	YW1S-32E11	YW1S-33E11
		2									
		3	NC								
	1NO-1NC (11N1)	1	NC					YW1S-3E11N1	YW1S-31E11N1	YW1S-32E11N1	YW1S-33E11N1
		2									
		3	NO				●				
	1NO-1NC (11N2)	1	NO	●				YW1S-3E11N2	YW1S-31E11N2	YW1S-32E11N2	YW1S-33E11N2
		2	NC		●						
		3									
	1NO-1NC (11N3)	1						YW1S-3E11N3	YW1S-31E11N3	YW1S-32E11N3	YW1S-33E11N3
		2	NC								
		3	NO				●				
	1NO-1NC (11N4)	1						YW1S-3E11N4	YW1S-31E11N4	YW1S-32E11N4	YW1S-33E11N4
		2	NO	●			●				
		3	NC								
3NO (30)	1	NO	●				YW1S-3E30	YW1S-31E30	YW1S-32E30	YW1S-33E30	
	2	NO	●			●					
	3	NO				●					
3NC (03)	1	NC					YW1S-3E03	YW1S-31E03	YW1S-32E03	YW1S-33E03	
	2	NC		●							
	3	NC									
2NO-1NC (21)	1	NO	●				YW1S-3E21	YW1S-31E21	YW1S-32E21	YW1S-33E21	
	2	NC		●							
	3	NO				●					
1NO-2NC (12)	1	NC					YW1S-3E12	YW1S-31E12	YW1S-32E12	YW1S-33E12	
	2	NO	●			●					
	3	NC									

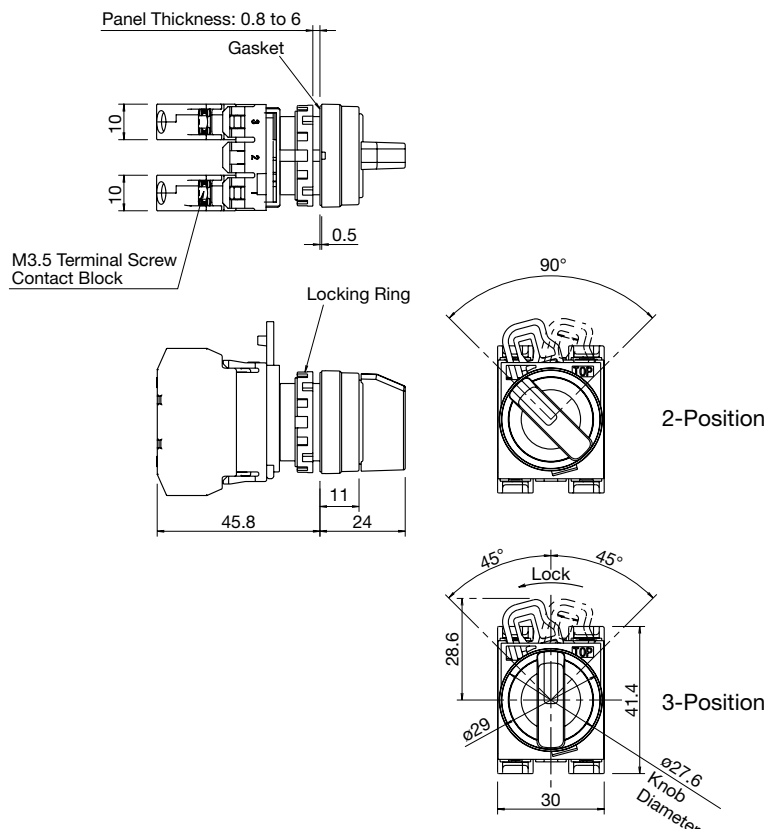
## Contact Block Mounting Position

### Selector Switch with Plastic Bezel



## Dimensions

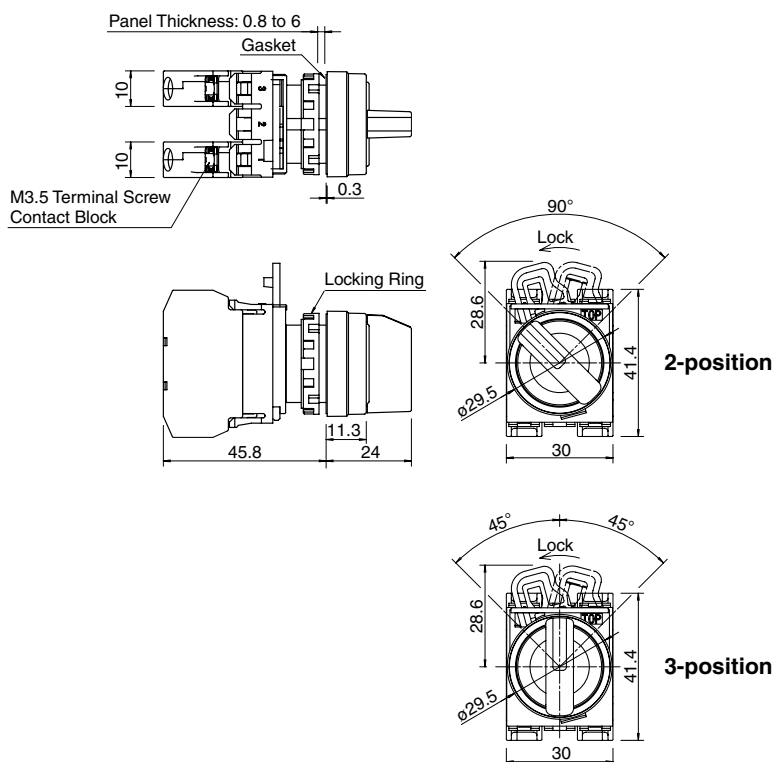
### Selector Switch with Plastic Bezel



### Selector Switch with Metal Bezel



### Selector Switch with Metal Bezel



All dimensions in mm.



Doc No.

D2B063

D5B124

## EU Declaration of Conformity

**Identification of the Product**

φ 22 Control Units

**Name and address of Manufacturer**

IDEC CORPORATION

2-6-64 Nishimiyahara, Yodogawa-Ku,  
Osaka 532-0004 Japan**Name and address of the authorized representative :**

IDEC ELEKTROTECHNIK GmbH

Heselstuecken 8, 22453 Hamburg, Germany

**This declaration of conformity is issued under the sole responsibility of the manufacturer.****Object of the declaration :** Series Name – YW Series

Model No. – Details are as per attached sheet

**The object of the declaration described above is in conformity with the relevant EU harmonization legislation :**

2014/35/EU

2011/65/EU

Low Voltage Directive

Restriction of the use of certain hazardous substances  
(RoHS) Directive**Applied Union harmonized legislation and references to the relevant harmonization standards used or references the other technical specifications in relation to which conformity is declared.**

EN 60947-5-1/A1:2009

EN 50581:2012

**Where applicable, the notified body****Additional Information :****Signed for and on behalf of the above named manufacturer :**

Place and date of issue :

Japan, 20 April, 2016

Japan, 21 July, 2017 (Revised)

Name, function :

Atsushi Matsumoto, Executive Officer,  
Quality Assurance Center

Signature :



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**Pushbutton or Illuminated Pushbutton Switch**

<u>YW</u>	<u>1</u>	<u>L</u>	-	<u>M</u>	<u>4</u>	<u>E</u>	<u>1</u>	<u>1</u>	<u>Q</u>	<u>3</u>	<u>R</u>	<u>*****</u>
1	2	3		4	5	6	7	8	9	10	11	12

1. YW Series
2. Configuration
  - 1 - Round
  - 4 - Round with Metal Ring
3. Category
  - B - Pushbutton
  - L - Illuminated Pushbutton
4. Operation
  - M - Momentary
  - A - Alternate
5. Button Style (May be followed)
  - 1 - Flush
  - 2 - Extended
  - 4 - Mushroom
  - F2 - Extended (With Full Shroud)
6. Terminal Configuration (May be followed)
  - E - Screw Terminal
7. NO Contact Arrangement (May be followed)
  - 0 - None
  - 1 - 1 NO Contact
  - 2 - 2 NO Contacts
  - 3 - 3 NO Contacts
  - 4 - 4 NO Contacts
  - 5 - 5 NO Contacts
  - 6 - 6 NO Contacts



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8. NC Contact Arrangement (May be followed)

- 0 - None
- 1 - 1 NC Contact
- 2 - 2 NC Contacts
- 3 - 3 NC Contacts
- 4 - 4 NC Contacts
- 5 - 5 NC Contacts
- 6 - 6 NC Contacts

9. Input Style (May be followed)

- Q - Direct
- Blank - Non-illuminated

10. Lamp Voltage (May be followed)

- Blank - Non-illuminated
- 0 - None
- 2 - LED Lamp, Rated 6V ac/dc, 0.5W
- 3 - LED Lamp, Rated 12V ac/dc, 0.5W
- 4 - LED Lamp, Rated 24V ac/dc, 0.5W
- 5 - Incandescent Lamp, 6.3V, 1W
- 6 - Incandescent Lamp, 18V, 1W
- 7 - Incandescent Lamp, 30V, 1W
- H - LED Lamp, Rated 100/120V ac/dc, 2W max.
- H2 - LED Lamp, Rated 100/110V ac/dc, 2W max.
- M - LED Lamp, Rated 200/220V ac/dc, 3W max.
- M3 - LED Lamp, Rated 200/240V ac/dc, 3W max.
- M4 - LED Lamp, Rated 230/240V ac/dc, 3W max.

11. Button Color (May be followed)

- One or Two letters denoting color

12. Additional letter(s) and/or number(s) (May be followed)



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### Selector Switch

YW    1    S    -    21    A    E    1    1    R    -    \*\*    -    \*\*  
1       2       3       4       5       6       7       8       9       10       11       12

1. YW Series
2. Configuration (May be followed)
  - 1 - Round
  - 4 - Round with Metal Ring
3. Category (May be followed)
  - S - Selector Switch
  - K - Key Selector Switch
4. Notch (May be followed)
  - 2 - 2 Notch (Latching)
  - 3 - 3 Notch (Latching)
  - 21 - 2 Notch (Momentary, spring return from right)
  - 31 - 3 Notch (Momentary, spring return from right)
  - 32 - 3 Notch (Momentary, spring return from left)
  - 33 - 3 Notch (Momentary, spring return right and left)
5. Handle Style (May be followed)
  - Blank
6. Key Removable Position Code (May be followed)
  - Blank - Selector
  - A - Removable in all positions
  - B - Removable in left only (for 2 notch)  
Removable in left and center (for 3 notch)
  - C - Removable in right only (for 2 notch)  
Removable in right and center (for 3 notch)
  - D - Removable in center only
  - E - Removable in left and center
  - G - Removable in left only
  - H - Removable in right only
7. Terminal Configuration (May be followed)
  - E - Screw Terminal
8. NO Contact Arrangement (May be followed)
  - 0 - None
  - 1 - 1 NO Contact
  - 2 - 2 NO Contacts
  - 3 - 3 NO Contacts
  - 4 - 4 NO Contacts
  - 5 - 5 NO Contacts
  - 6 - 6 NO Contacts



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9. NC Contact Arrangement (May be followed)

- 0 - None
- 1 - 1 NC Contact
- 2 - 2 NC Contacts
- 3 - 3 NC Contacts
- 4 - 4 NC Contacts
- 5 - 5 NC Contacts
- 6 - 6 NC Contacts

10. Contact Block Mounting Position (May be followed)

- None - Standard
- # - Arranged (# any alphanumeric)

11. Key Number Code (May be followed)

Additional letters denoting key number code

12. Additional letter(s) and/or number(s) (May be followed)



**AMEGA ENERGY PTE LTD**

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CO Reg/GST No: 201107874C

Monday, 16 August 2021

Dear Sir/Madam,

Project Reference for Idec YW series:

S/No	Project Name	Country
1	Mandai Wildlife Reserve	Singapore
2	Punggol Digital District	Singapore
3	Singapore General Hospital (H9A)	Singapore
4	LTA Thomson East Coast Line	Singapore
5	LTA Circle Line	Singapore
6	LTA Downtown Line	Singapore
7	HDB residential projects	Singapore
8	SUTD	Singapore
9	NTU	Singapore
10	Fusionopolis	Singapore
11	Marina Bay Sands	Singapore
12	Micron	Singapore
13	SengKang Hospital	Singapore
14	Tan Tock Seng Hospital	Singapore
15	Khoo Teck Phuat Hospital	Singapore
16	Changi Airport	Singapore
17	Jewel@Changi	Singapore

Should you need any other information, please feel free to contact me.

Thanks.

Regards,  
Nio Tse Kiang