Nidec
All for dreams

ETW SERIES

Environmentally Sealed Standard Toggles

RoHS Compliant

Applications suitable for the general equipment market, construction machinery, power generation systems, kitchen equipment, and machine tools.

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FEATURES

- Improved environmental resistance
  Front panel seal: IP67 of IEC60529
  Behind panel seal: IP60 of IEC60529
- Epoxy sealed terminals
- Recommended for equipment used outdoors
- cULus recognized

PART NUMBER DESIGNATION

E T W 1 15 E 12

Series code

Number of poles

1	1 pole

Current capacity

15	15 A

Terminal styles

12	Solder terminal

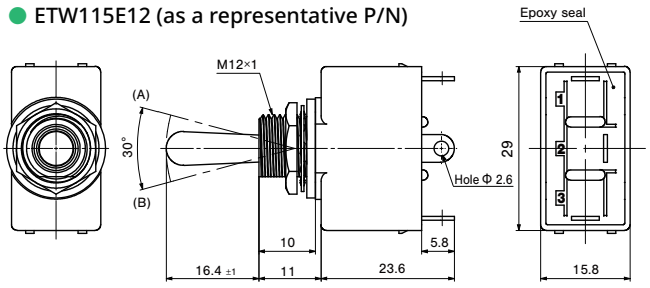
Switching function

A	ON–OFF
D	ON–ON
E	ON–OFF–ON
G	(ON)–OFF–(ON)

( )=Momentary

OUTLINE DIMENSIONS (unit: mm)

- ETW115E12 (as a representative P/N)



SPECIFICATIONS

Rating	15 A @ 127 VAC 10 A @ 250 VAC
Initial contact resistance	20 mΩ max. (1 A 2~4 V DC)
Dielectric strength	1,500 VAC 1 minute
Insulation resistance	100 MΩ (500 V DC)
Electrical life	25,000 cycles
Operating temperature range	-10 °C ~ +70 °C
Storage temperature range	-20 °C ~ +80 °C

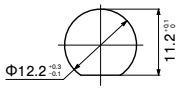
LIST OF PART NUMBERS

Part No.	Switching function	No. of poles	Terminals
ETW115A12	ON–OFF	1 pole	Solder
ETW115D12	ON–ON		
ETW115E12	ON–OFF–ON		
ETW115G12	(ON)–OFF–(ON)		

SWITCHING FUNCTION

A	ON	—	OFF
Connected terminals	1-3	—	—
D	ON	—	ON
E	ON	OFF	ON
G	(ON)	OFF	(ON)
Connected terminals	2-3	—	2-1

PANEL CUT-OUT DIMENSIONS (unit: mm)



(Panel thickness: Max. 5.5 mm)

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■ Specifications are subject to change without prior notice.

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