

ELW SERIES

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

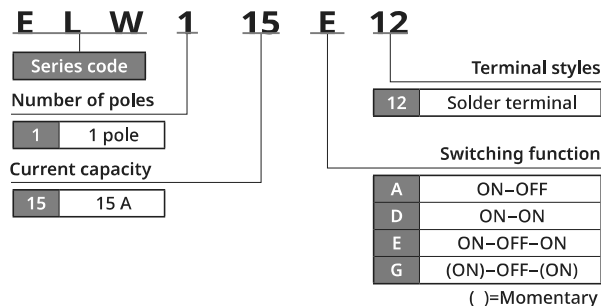
RoHS Compliant



FEATURES

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

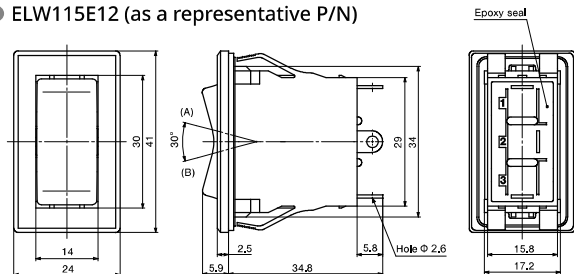
PART NUMBER DESIGNATION



OUTLINE DIMENSIONS

(unit: mm)

- ELW115E12 (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 VDC)
Dielectric strength	1,500 VAC 1 minute
Insulation resistance	100 MΩ (500 VDC)
Electrical life	25,000 cycles
Operating temperature range	-10°C ~ +70°C
Storage temperature range	-20°C ~ +80°C

LIST OF PART NUMBERS

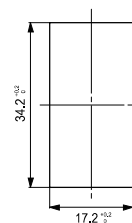
Part No.	Switching function	No. of poles	Terminals
ELW115A12	ON-OFF	1 pole	Solder
ELW115D12	ON-ON		
ELW115E12	ON-OFF-ON		
ELW115G12	((ON))-OFF-((ON))		

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: 1 to 3 mm)

NIDEC COMPONENTS CORPORATION (HQ)
7-5-25 Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-0023 JAPAN
Phone: +81-3-3364-7055 Fax: +81-3-3364-7098

NIDEC COMPONENTS (U.S.A.), INC.
367 Van Ness Way, Suite 601 Torrance, CA 90501 U.S.A.
Phone: +1-310-618-0225 Fax: +1-310-618-9984

NIDEC COMPONENTS (SHANGHAI) CO., LTD.
Unit A, 4/F, No.4 Bldg., No.253, Ai Du Rd., Wai Gao Qiao
Free Trade Zone, Shanghai 200131, CHINA
Phone: +86-21-5046-3009 Fax: +86-21-5046-3115

NIDEC COMPONENTS (TAIWAN) CO., LTD.
18F-1, No.57, Sec.2, Tun Hwa S.Rd., Taipei 106, TAIWAN
Phone: +886-2-27030577 Fax: +886-2-27010577

■ Specifications are subject to change without prior notice.

<https://www.nidec-components.com>

NIDEC COMPONENTS EUROPE GmbH
Mergenthalerallee 79-81, 65760 Eschborn GERMANY
Phone: +49-6196-92775-0 Fax: +49-6196-92775-75

NIDEC COMPONENTS KOREA CORPORATION
C- 406, Woolim Lion's Valley 168, Gasan digital,
Geumcheon-gu, Seoul, 08507, KOREA
Phone: +82-2-3482-5861 Fax: +82-2-3482-5860

NIDEC COMPONENTS (SINGAPORE) PTE. LTD.
180B Bencoolen Street #07-05 The Bencoolen Singapore 189648
Phone: +65-6535-0056 Fax: +65-6535-0087

RKSL202312E0000