

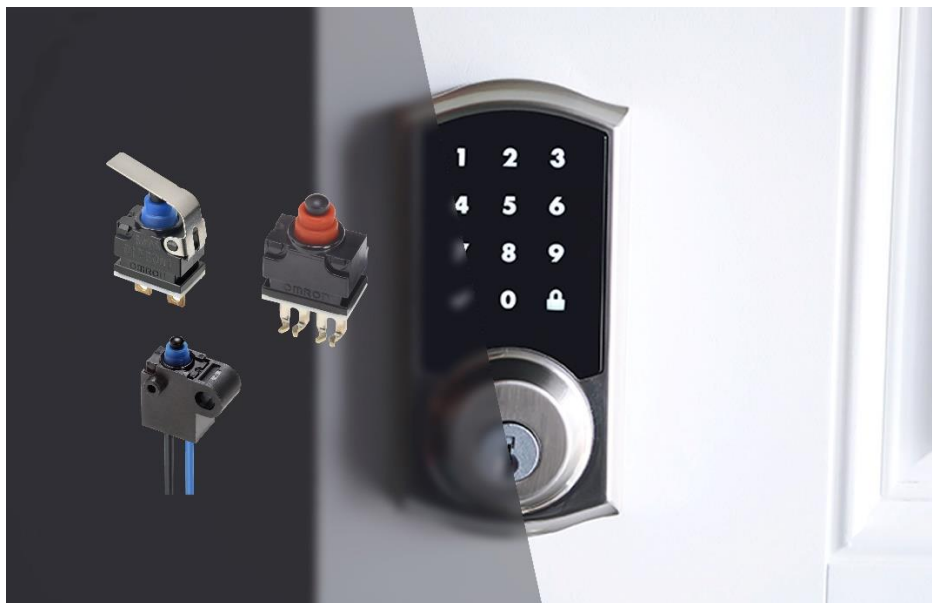
New OMRON Miniature Switches Ideal for Wet or Dusty Applications

Hoofddorp, Netherlands, Tuesday, 7 September 2021 – OMRON Electronic Components Europe has announced two new fully sealed, miniature microswitches offering an exceptionally compact and flexible solution for applications exposed to water spray or high levels of dust. The D2GW and D2AW are ideal for vending machines, smart meters, EV charging stations, security systems, HVAC equipment, white goods and similar applications where space is at a premium.

The new OMRON D2GW is fully sealed to IP67 and can operate in temperatures of up to 85°C. It is set apart by its exceptionally small size (8.3mm × 6.5mm × 5.3mm) and is potentially the smallest switch of its type in the industry. OMRON is offering the D2GW in a wide variety of styles, with a choice of mounting structures, actuators and terminal specifications to maximise application flexibility. The options include press-fit terminals to enable solder-less PCB installation, as well as solder terminals, PCB terminals and moulded wire leads. The D2GW features a symmetrical shape with the push button located in the centre, allowing levers to be added in either direction.

OMRON has also announced a new version of its standard basic switch, the D2AW, also sealed to IP67. This switch features compact dimensions (13.3mm × 7.0mm × 5.3mm) and high insulation resistance of 100MΩ. A version of the switch, known as the D2AW-R, features an integrated internal resistor allowing the detection of four states: on, off, open circuit and short circuit. The switches are available with solder terminals, spade terminals and moulded wire leads.

Both the D2AW and the D2GW feature a unique contact design to maximise performance. A sliding contact construction achieves quiet operation and high contact reliability, wiping away any dust or other impurities. Both also have double contacts, to improve reliability.



OMRON has announced two new fully sealed, miniature microswitches offering an exceptionally compact and flexible solution for applications exposed to water spray or high levels of dust.

About OMRON Electronic Components Europe

OMRON Electronic Components Europe is a leader in electromechanical PCB relays, as well as a leading supplier of components such as microswitches, MOSFET relays, DIP switches, photomicrosensors and connectors. OMRON has a strong portfolio of innovative technologies including MEMS based pressure, flow and thermal measurement sensors, human face and gesture recognition modules, vibration and tilt sensors.

OMRON Electronic Components Europe strongly supports its customers in Western and Eastern Europe, Russia and the CIS through 8 regional offices, a network of local offices and partnerships with specialist, local, regional and global distributors.

OMRON Electronic Components Europe is a subsidiary of the OMRON Corporation, recognised worldwide as a leader of high quality, high technology electrical and electronic control equipment and component products.

About OMRON Corporation

OMRON Corporation is a global leader in the field of automation based on its core technology of "Sensing & Control + Think." OMRON's business fields cover a broad spectrum, ranging from industrial automation and electronic components to social infrastructure systems, healthcare, and environmental solutions. Established in 1933, OMRON has about 28,000 employees worldwide, working to provide products and services in around 120 countries and regions. In the field of industrial automation, OMRON supports manufacturing innovation by providing advanced automation technologies and products, as well as through extensive customer support, in order to help create a better society.

Please send reader enquiries to:

Marketing Support Group

OMRON Electronic Components Europe B.V.

Wegalaan 57, 2132 JD, Hoofddorp, The Netherlands

Tel: +31 235 681 296, Fax: +31 235 681 222

Email: info-components-eu@omron.com

Web: <http://components.omron.eu>