

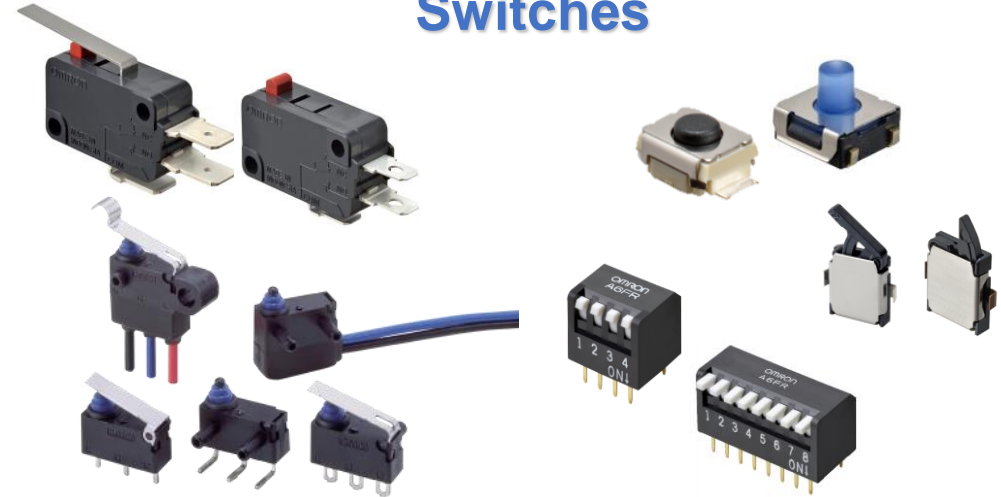
OMRON



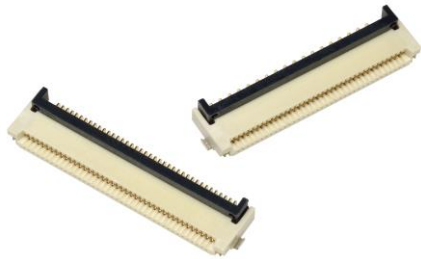
Relays



Switches



Connectors



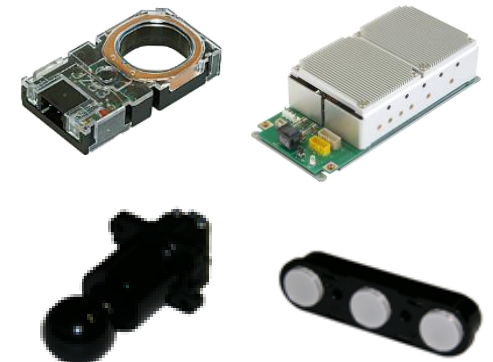
Imaging Devices



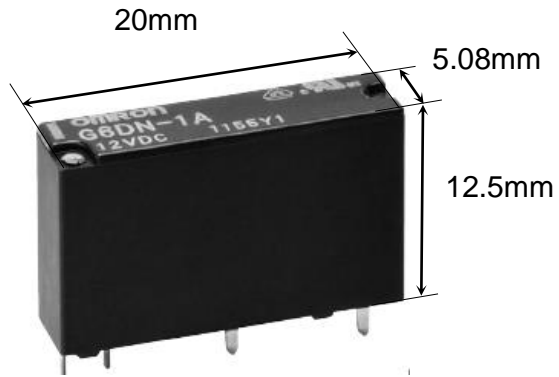
Sensing Devices



Modules



G6DN: Slim PCB Power Relay



- Suitable for **high density mounting** by space saving **5-mm** slim width
- **High contact reliability** by **crossbar-twin** contacts
- **Low power consumption** of only **110 mW**
- **High power switching** and **long e-life** of up to **100k** operations at **5A** (30VDC, 250VAC)

Focus markets:

- Factory automation
- Building automation
- Industrial equipment

Target applications:

- PLC's
- Temperature controllers
- I/O modules
- Timers

Electrical Endurance

100K ops

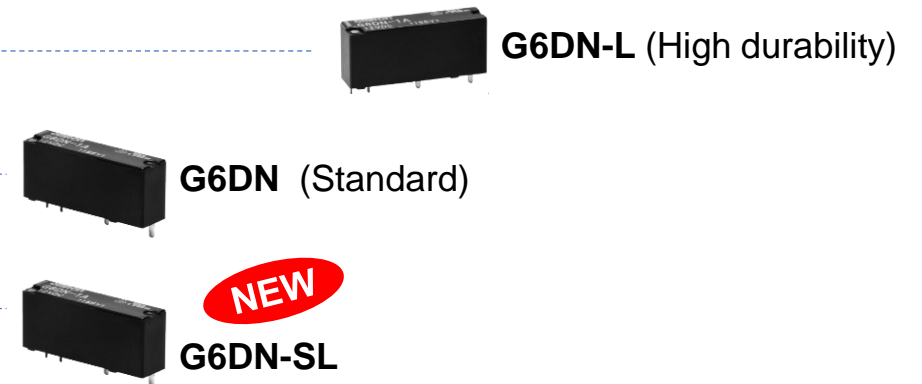
80K ops

50K ops

110mW

180mW

Coil Consumption



G6QE: High Switching Capacity PCB Power Relay



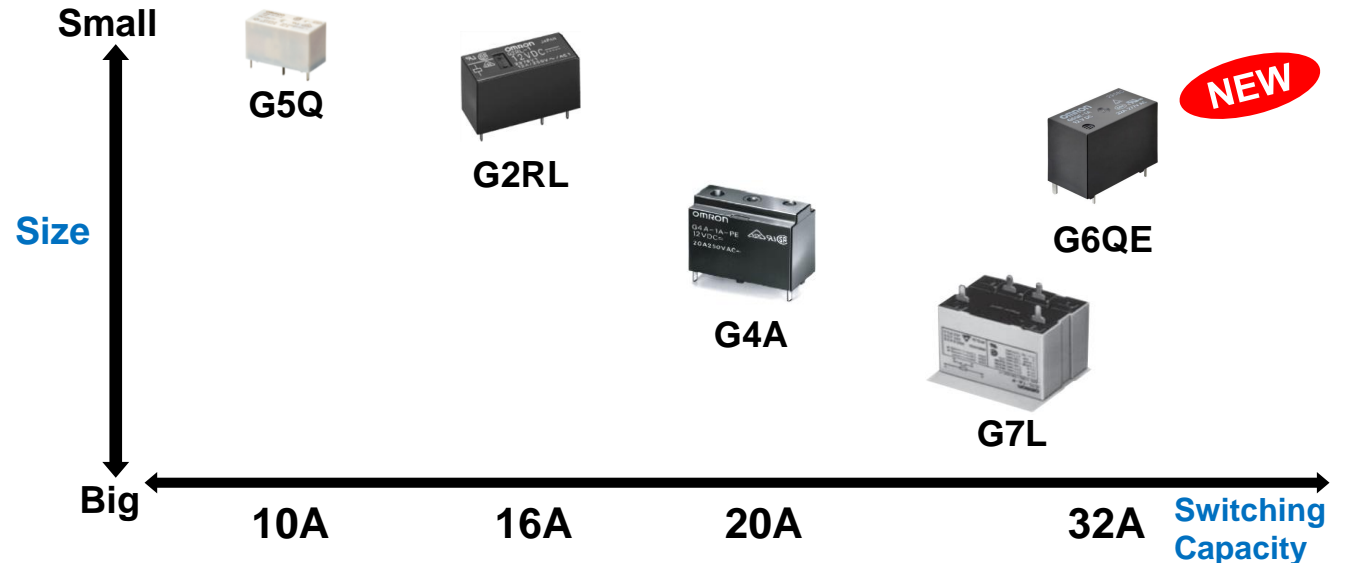
- **High capacity switching of 32A** combined with **compact size**
- **Energy saving** by allowing **holding voltage method**
- **Lower heat generation** in the application due to **lower power consumption**
- **Small height** of package contributes to equipment **downsizing**

Focus markets:

- Factory automation
- Building automation
- Home appliances

Target applications:

- Servo controllers
- Inverters
- Power supplies



G3VM-66M: MosFet Relay Module



- MosFet Relay in **module package** with SPDT (1c)
- Mounting space reduction to **50mm²** (10mm × 5mm) allows **high-density mounting**
- **Long operating life** guaranteed, as the module contains **semiconductor output** instead of wear sensitive moveable contact.

Focus markets:

- Factory automation

Target applications:

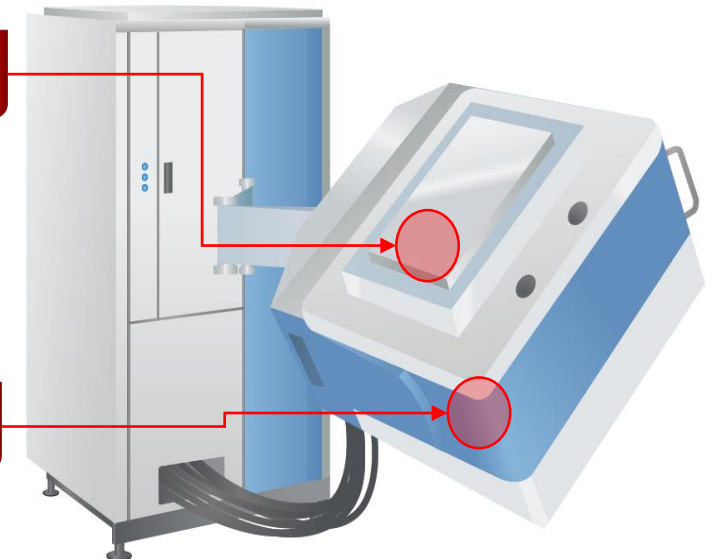
- Automatic Testing Equipment
- Semiconductor Inspection Equipment

Interface Board

Test signal change

Resource Card

Test signal change



B3SE: High durability and Ultra-thin Sealed Tactile Switch



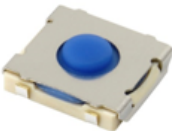


- Suitable for **small and thin applications** due to the total profile height of **only 2 mm**
- **Undertab terminals** for high density mounting
- **Long durability** of min. 1 Million operations
- **Long stroke** with a **crisp positive tactile feedback**
- **Suitable for wet and dusty environments** based on **IP67 Sealing**

Focus markets:

- Energy
- Factory automation
- Building automation

Target applications:

- Smart meter
- PV inverter
- Factory equipment control panels
- Elevator control
- Copy machines / printers
- Appliances

Switch type	B3SE	B3SL	B3SN
			
Height (mm)	2.0	3.4 or 5.1	2.0
Size (mm)	6.2 x 7.0	6.2 x 6.5	6.0 x 6.0
Stroke	0.3	0.3	0.25
Operation Force	1.96N	1.96N or 3.5N	1.57N or 1.76M
Durability	1,000,000 ops min.	100,000 ops min.	100,000 ops min.
Terminals	SMT	SMT	SMT
Structure	IP67	IP67	IP67