

# relay 4.0

The next step in the  
evolution of relays



**OMRON**

# Relay 1.0

[1966]



## MY-S mini-power plug-in relays:

- 10A (DPDT) & 5A (4PDT) with gold-clad contacts (MY4(S)) versions available
- 2.6mm wide pins for increased conductivity and reduced temperature build-up
- Over one billion sold worldwide

# Relay 2.0

[1989]



## G2RS slimline-interface plug-in relays:

- User-friendly, installation, commissioning and operation with features including transparent housing, mechanical flag and lockable testbutton.
- AgSnIn contact material for balanced performance under various load characteristics
- Industrial pins guaranteeing the highest conductivity and reduced temperature build-up

# Relay 3.0

[2006]



## G2RV, the only truly industrial 6mm plug-in relay:

- Significant savings on space and installation time with no compromise on reliability - more than double the lifespan of standard 6mm relays (6A 250VAC NO/NC)
- Large contact area and non-bendable pins guarantee secure and reliable connections
- LED indicator, mechanical flag and transparent housing for increased visibility of operating status and condition

# Relay 4.0

[2014]

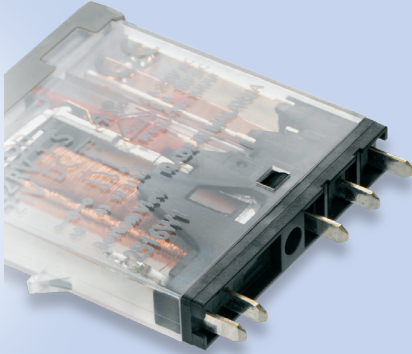




G2RV to the next level, with patented lockable test switch:

- Test panel, machine or system functionality, or simulate an actuator when one or more modules are offline or have been removed
- Rotating protection cover prevents accidental operation
- View from distance that the switch is protected – eg, in a hazardous environment

78 times  
stronger



## Industrial quality pins:

- Larger contact surface for greater conductivity
- No bending during maintenance
- Coil terminals 78 times stronger, and load terminals 46 times stronger than standard 6mm PCB relays

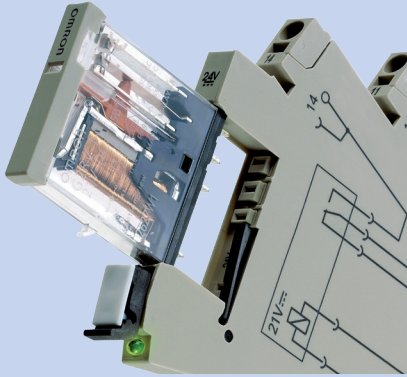
Complete  
clarity



## Transparent housing:

- Easy inspection of relay and contacts
- Quick analysis of malfunction and recognition of failures
- No needless replacement, minimising maintenance costs

# Visual check



## Combined LED indicator and unique mechanical flag:

- Tells you that the relay is working exactly as it should
- LED indicates that the coil is powered up
- Mechanical flag indicates movement/  
position of contacts

100,000  
operations





## G2RV is purpose-designed for industrial use

- Provides significantly greater electrical durability
- Typical performance is 100,000 operations at 6A NO/NC (250V AC and 30V DC)
- More than double the lifespan of standard 6mm PCB relays (6A 250 VAC NO/NC)

*Would you like to know more?*

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