

High Voltage PhotoMOS Relay

HE series 1-Form-A DIP5

1.500V PhotoMOS with increased creepage and clearance distance

The new high voltage PhotoMOS relay with 1.500V switching voltage in DIP5 package is optimized for usage in industrial battery monitoring system (BMS). DIP5 package offers 5kV I/O isolation and an increased clearance and creepage distance on output side. Typical application is switching HV to LV in battery systems to check proper isolation. Further PhotoMOS technology contributes to the system by highest reliability and low power consumption compared to other technologies.

Key Features

- Load voltage: 1,500 V
- Load current: 20 mA
- Increased creepage & clearance distance on output side
- Low control current
- Low leakage current
- Stable on-resistance over lifetime
- No switching noise
- Unlimited number of switching cycles
- DIP5 package



Energy

- Isolation Monitoring (BMS)
- Voltage Monitoring



Measurement

- IT System Control
- Escalator Control
- Access Control



Infrastructure

- Signal Control
- Voltage Monitoring



For further Information, please contact info@eu.panasonic.com