



Extended Industrial Solid-State Relay Portfolio

Matches the state of the art industry requirements of load current and voltage

KEY FEATURES

Load current capability = **0.05 A to 5 A max.**

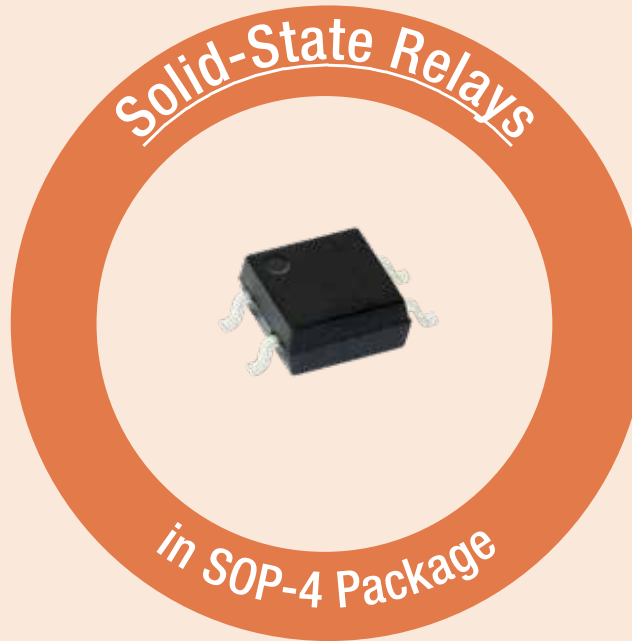
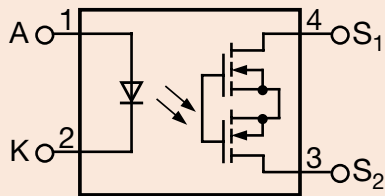
Load voltage capability = **30 V to 600 V**

Extremely low leakage current **< 1 μ A**

Low on resistance = **0.6 Ω to 40 Ω**

Fast turn-off **< 0.5 ms**

SCHEMATICS



KEY BENEFITS

Easily replace mechanical relays

Longer life due to no moving parts

Built-in turn-off circuit to achieve fast turn-off

Small SOP-4 footprint and easy application

APPLICATIONS

- Replace mechanical relays
- Energy storage systems
- Industrial automation
- Measurement equipment



PRODUCT TABLE

Part Number	Load Voltage	Load Current ⁽³⁾	On Resistance
VOR1003M4T	30 V	5 A	0.6 Ω
VO1401AEFTR ⁽¹⁾	60 V	550 mA	0.6 Ω
VOR1142M4	400 V	120 mA	22 Ω
VOR1060M4T ⁽²⁾	600 V	50 mA	40 Ω

Notes

⁽¹⁾ Next generation of the existing VO1400AEFTR

⁽²⁾ Automotive version available on request

⁽³⁾ Continuous load current in AC/DC configuration

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