MARINE ENGINE TELEGRAPH SYSTEM

# MVR-T256 DEIF Transformer Differential Protection

ISO9001 Supplier

Class Certificate

Export Supply

MVR-T256 DEIF Transformer Differential Protection The MVR-T256 transformer protection device is an easy-to-use differential protection relay providing overcurrent protection for both low-voltage and high-voltage...




## Key Highlights

| | |
|---|---|
| Category | Marine Engine Telegraph System |
| Standard | DIN |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

## Technical Specifications

| | | | |
|---|---|---|---|
| Category | Marine Engine Telegraph System | Model / SKU | MVR-T256-DEIF-Transformer-Differential-Protection |
| Standard | DIN | Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |
| Warranty | 12 Months unless specified otherwise | Origin | China |

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## MVR-T256 DEIF Transformer Differential Protection

The MVR-T256 transformer protection device is an easy-to-use differential protection relay providing overcurrent protection for both low-voltage and high-voltage side of the transformer, earth fault protection, negative sequence ove (configurable 0.2…10A)

3x Digital input
5x Output relay (4NO, 1CO)
1x IRF output (1CO)
2x Remote com port (1 x RJ45 Ethernet and 1 x RS-485)
- IEC 61850 Ed1 & Ed2, Modbus TCP/RTU, IEC 60870-5-104/103/101, DNP 3.0, SPA protocols
- DT, IEC or ANSI time/overcurrent curves with settable release delays
- 10 extension slots for additional hardware options
- Event recorder (up to 15 000 events)
- Disturbance recorder (up to 100 disturbance records)
- 2nd and 5th harmonic blocking.
- Automatic verification for the connection group and nominal value settings.
- Overloading and through fault statistics for preventive maintenance.

## Available Extension Cards:

- 8x digital inputs (programmable threshold voltage)
- 5x output relays
- Arc-Flash Protection - 4x sensor channels, 2x HSO1, 1x BI *)
- 8x RTD input
- 2x RJ45 100Mb Ethernet & IRIG-B *)
- 2x ST 100Mb Ethernet & IRIG-B *)
- 4x mA outputs - 1 x mA input
- 2x LC 100MB Ethernet (HSR, PRP redundant protocols)
- 2x RJ45 100MB Ethernet (HSR, PRP redundant protocols) *)
- RS-232 - Serial Fiber

*) Land based applications only. Not marine approved

## Marine approvals

- DNV/GL
- Lloyds Registeres LR
- Bureau Vertias BR
- ABS (USA)
- CCS (China)
- CNK (Japan)
- IEC (Israel)
- KR (Korea)
- UKCA (UK)
- RINA (Italy)