DC Voltage Relay
DVRD

Features
- Compact modular size
- DC circuit monitoring of over- and undervoltage
- Adjustable over- and undervoltage threshold
- Adjustable trip delay time
- Powered by the measuring circuit
- 2C/O contacts
- 2 LEDs for status indication

Protective Functions
- DC Overvoltage
- DC Undervoltage

Applications
- DC cabinet
- Battery
- Electric control system

Order information

1. Basic Model
2. Rated Voltage
DC12V, DC24V, DC36V, DC48V

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Technical data

<table>
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<tr>
<th>Model</th>
<th>DVRD</th>
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<td>Input circuit</td>
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Tripping delay time
- 0.1-15s adjustable

Voltage hysteresis
- 3-5% fixed

Reset delay time
- 100ms

Indicators
- normal, trip

Output contacts
- 2C/O

Contact capacity
- 6A, 250VAC/30VDC (resistive load)

Degree of protection
- IP 20

Working conditions
- -25°C ~ 65°C, <85%RH, non-condensing

Mechanical durability
- 100,000 cycles

Dielectric strength
- >2kVAC 1min

Weight
- 130g

Dimensions (H x W x D)
- 79x23x79mm

Mounting
- DIN rail

Front Panel View

Overvoltage knob (U>)
Trip indicator
Undervoltage knob (U<)
Normal indicator
Delay time knob (Tt)

Dimensions (mm)

Wiring Diagram

Relay contact positions shown in 'Power off' condition

GENERAL SAFETY
POTENTIALLY HAZARDOUS VOLTAGES ARE PRESENT AT THE TERMINALS OF THE RELAYS.
ALL ELECTRICAL POWER SHOULD BE REMOVED WHEN CONNECTING OR DISCONNECTING WIRING.
THIS DEVICE SHOULD BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL.

If you have any questions, please contact us...

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